

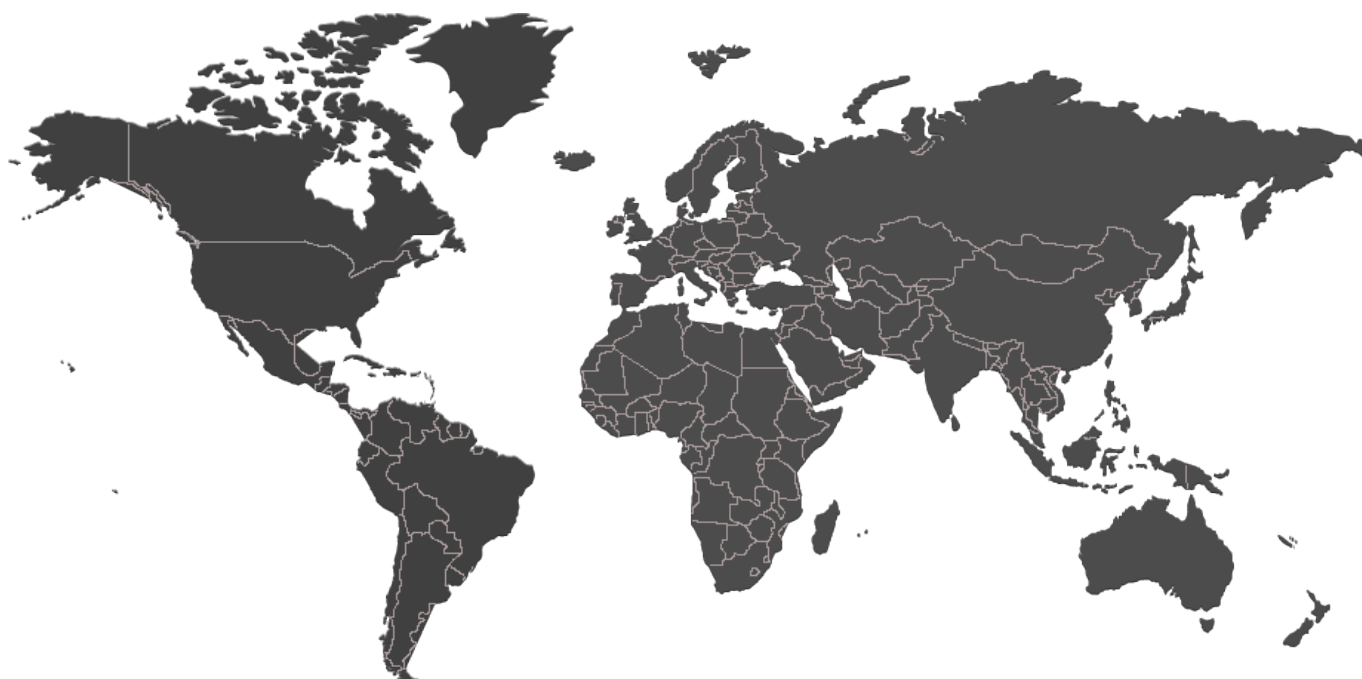
MaterMacc



PRICE LIST N° 28

11/2022 Rev.01

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Company with certified quality and safety system
ISO 9001 : 2015 - ISO 45001 : 2018



MaterMacc S.p.A.

GENERAL CONDITIONS OF SALE

1. CONTRACT REGULATIONS

1.1 These Terms and Conditions, notwithstanding any exceptions specifically agreed in writing, govern all present and future contracts of sale between the parties. Any terms and conditions of the Buyer will not apply unless expressly accepted in writing; in this case, however, notwithstanding a written waiver, they will not exclude the effectiveness of these General Conditions, with which they must be coordinated.

1.2 Except where expressly specified "Can be supplied separately", each accessory code shown in this document is to be considered as supplied in association to the order of a machine code. Where expressly specified with the words "Can be supplied separately", the accessory code shown in this document can be supplied either at the same time as the order for a machine code or by its own. In any case, except for written exceptions, where expressly specified with the wording "Can be supplied separately", the accessory code will be supplied in separate packaging, not installed on the machine.

1.3 With reference to any commercial terms (Ex Works, FOB, CIF, etc.) these are in accordance with the conditions of the Incoterms of the International Chamber of Commerce, in force at the time of conclusion of the Contract.

1.4 In the case of international sales, all sales contracts between the parties, as well as these Terms and Conditions are governed by the United Nations Convention on Contracts for the International Sale of Goods, signed in Vienna on 11 April 1980 and for matters not governed by the Convention, by Italian law.

1.5 The acceptance of a contract by the Buyer, executed in any way, entails adherence to these General Conditions. In the event that the Seller has issued, even after the conclusion of the contract, a confirmation of order or sale, any additional or amending terms to the Contract contained in the confirmation of order or sale will apply provided that the Buyer does not present a prompt written objection.

1.6 Without prejudice to the provisions of Article 1.5 above, any changes in the terms of this Contract are to be agreed in writing.

2. TERMS OF DELIVERY

2.1 The terms of delivery agreed upon by the parties apply from the date of the written confirmation of the order approval, are purely indicative and are not binding for the Seller.

2.2 Any delay due to force majeure (as defined in Article 8) is not attributable to the Seller.

2.3 Any compensation for failure or delay in delivery of the Products is expressly excluded.

2.4 In case of revocation of the order by the Buyer, the Seller is entitled to compensation to cover any resulting damages. In this case the Buyer will pay to the Seller the agreed price at the agreed time.

3. RETURNS AND SHIPMENT - PROPERTY RIGHTS

3.1 Unless otherwise agreed, the supply of Products will be Ex Works, even when it is agreed that the shipment or any part of the shipment is the responsibility of the Seller.

3.2 The risks will pass to the Buyer upon delivery of the Products to the first carrier at the Seller's plant.

3.3 Any claims relating to the packaging, quantity or appearance of Products (apparent defects) must be notified to the Seller, under penalty of forfeiture, by a noted reservation on the transport document on receipt of the Products; the transport document with the reservation must be submitted by fax to the Seller within 24 hours. Any claims relating to defects which cannot be detected through careful inspection upon receipt of the product (hidden defects) must be notified to the Seller by registered letter with return receipt, under penalty of forfeiture, within 8 days from the date that the defect is identified and in any event no later than ninety days from delivery. The claim must specify the defect and the Products to which it relates.

3.4 It is understood that any claim or dispute will not give the Buyer the right to return the Products without prior approval of the Seller, or to suspend or delay the payment of the disputed Products disputed, nor, much less, other supplies.

3.5 The Products will remain the Seller's property until full payment has been received. In the case of international sales, the property rights also extend to Products incorporated in manufactured goods using the products, as well as the price obtained from the sale of the same, to the extent permitted by the law of the country in which the Buyer resides, which governs this clause.

4. PRICES

4.1 The price of the products will be that imposed by the Seller at the time of shipment of the Products. Unless otherwise agreed, prices are ex works, including normal packaging. Unless otherwise agreed in writing, special packaging requested by the Buyer, insurance, transportation, and any other benefit or cost accessory are not included.

4.2 All prices are exclusive of VAT, any taxes or fees as well as charges of any kind which may be levied on the contract.

5. PAYMENT TERMS

5.1 Payment must be made within the terms and in the currency agreed. In case of late payment with regards the agreed date, the Buyer will pay to Seller, without the need for a formal notice to the Buyer, interest at a rate equal to 3-month Euribor, plus five percentage points, from the day on which the payment was due. Any delay of payment by more than 15 days will give the Seller the right to terminate the Contract, with the right to demand the return of the Products supplied, at the expense of the Buyer, notwithstanding compensation for damages.

5.2 The Buyer is not entitled to make any deduction from the agreed price, unless prior written agreement with the Seller has been forthcoming.

6. WARRANTY

6.1 Matermacc brand products are guaranteed against any non-conformity/defects for a period of 12 months from delivery to the customer. During this period, the parts which MaterMacc S.p.A. recognizes as faulty will be replaced or repaired free of charge, excluding the cost of labour required for the work.

6.2 Warranty does not cover wear and tear (for example: belts, fans or mechanical parts connected to or working in contact with the ground)

6.3 Modifications or repairs carried out by parties other than the manufacturer or authorised workshops and the use of non-original spare parts will invalidate the warranty.

6.4 MaterMacc S.p.A. is not responsible for any damage to persons and things caused by negligence or carelessness in use; improper use (including failure to comply with the product documentation); accidents; insufficient maintenance.

6.5 Dealers and users shall not be entitled to claim any compensation from the manufacturer for any damage they may suffer (labour costs, transport, faulty work, direct or indirect accidents, loss of earnings, etc.) caused by what is mentioned in points 6.2, 6.3 and 6.4.

7. FORCE MAJEURE

7.1 Either party may suspend its contractual obligations if these become impossible or unreasonably burdensome due to circumstances beyond its control such as, strikes, boycotts, lockouts, fire, earthquake, flood, war (whether declared or not), civil war, riots, revolutions, requisition, embargo, energy interruptions, delays in delivery of components or raw materials.

7.2 Should the suspension due to the prediction mentioned in Section 7.1 be longer than 120 days, either party will have the right to terminate this Contract following communication to the other party in writing.

8. SETTLEMENT OF DISPUTES

8.1 For any dispute, the courts of jurisdiction are those of Pordenone.

9. INFORMATION PURSUANT TO ARTICLE 13 Legislative Decree 196/2003

9.1 Pursuant to Legislative Decree 196/2003 Data Protection Act, your data will be processed and disseminated, in the field of taxation and accounting, for the fulfilment of legal obligations. This data will be processed in paper form and/or on magnetic media, electronic, online and may be disclosed to our network of agents, lenders, collection companies and credit insurance, professionals and consultants, operators in the transport sector. For further information go to www.matermacc.it.

Dealers warranty claim procedure (1 year)

In order to comply with the MaterMacc S.p.A. Machinery Warranty Policy the dealer / retailer shall conform to the following claim-submitting procedures:

- a)** Check the date when the problem was discovered is within MaterMacc S.p.A.'s warranty period. (within a year from the invoice date to the end user). In the event that the equipment remains in stock of the customer/dealer beyond 24 months, after the indicated time the 12-month warranty will be activated automatically.
- b)** Identify the type of damage or assess whether the cause of the failure is to be attributed to a construction defect of the machine components or its non-compliant use; in this last case there is no ground for a warranty claim.

Once points **a)** and **b)** have been checked, proceed as follows:

- c)** No later than 15 days from the date on which the problem emerged, issue the guarantee request (WARRANTY CLAIM) according to the appropriate computer module form that must be sent to service@matermacc.it completely filled out in all its parts, in case otherwise, the request is canceled. **d)** Pictures shall be attached to the claim to prove the type and entity of the damage.
- e)** NO orders for warranty spare parts shall be sent by claimer to MaterMacc S.p.A. parts dept. The claim form shall be enough to activate the urgent shipment of required parts.
- f)** If the end user urgently needs parts, the dealer may supply him immediately with the codes and original spare parts from his stock, asking Matermacc S.p.A. to replace them straight away and using the warranty claim form; in this case the previous points **a)**, **b)**, **c)**, **d)**, **e)** must always be complied with.

a) Once the warranty claim is received, MaterMacc S.p.A. will check its validity basing on the information provided by claimer in the duly filled-in form and attachments (photographs, reports) and will confirm in writing if the claim has been fully, partially accepted or refused. The parts requested under warranty are supplied and invoiced before the defective parts are returned by claimer for inspection: MaterMacc S.p.A. uses this method when long time is needed to better evaluate doubtful claims. The claimer shall send back the defective parts within and not later than 60 calendar days from supplier's replacement parts invoice date. Upon receipt of parts and / or components from our customers, should they be partially or totally accepted as guarantee items, our After Sales Service Dept. will give its consent to the accounting department for the relevant credit note within 30 days.

Note:

The handling costs of warranty parts should be paid by the Dealer.

Labour costs and any other expense related to repair will not be refunded by MaterMacc S.p.A.

In case f), following an unjustified warranty claim rejected (partially or totally) by MaterMacc S.p.A. After Sales Department, the Dealer should issue an invoice to the end customer and refill his warehouse at his own expense with MaterMacc S.p.A. original spare parts.

For reasons of graphic layout and clarity, some of the pictures and images do not show the mounted "CE" protections. The technical data and models presented in this catalogue are not in any way binding. We reserve the right to change specifications without prior notice.

PACKAGING		
CODE	DESCRIPTION	PRICE (€)
99900000	Standard wooden case for each machine, 110x110x220 cm (NET price)	220,00
99900001	Treated wooden crate HT-SPM15, 110x110x220 cm (NET price)	370,00
99900002	Metalcage (NET price)	125,00
99900003	Load securing strap (only for containers), net price flat rate	100,00
NOTE	The delivery department will handle any specific cases	

MACHINES FIELD SET-UP		
CODE	DESCRIPTION	PRICE (€)
.MC1	Field set-up for all models except MS ELEKTRO	430,00
.MC2	Field set-up for MS ELEKTRO (Applies only in Italy). (Contact the supplier to define price in any other country)	1.500,00

Note:

The dealer shall give the person responsible for MaterMacc technical assistance service a minimum of 10 days' notice. The specified tariff does not include the reimbursement of travel and accommodation expenses (2.00 €/ Km for journey there and back + eventual room and board). Additional materials and services to what is strictly necessary for the machine field set-up are not included in the price. The machine must be found mounted to the tractor with all systems, electrical, electronic and hydraulic, also connected and ready for use and the implement preconfigured according to the dealer's experience. Any extra operation to pure field set-up goes beyond the price list above and will be invoiced €/hour.

MaterMacc S.p.A. offers at his own premises a free product training course addressed to all its dealers and concerning the machines that are equipped with ISOBUS system. This training course is compulsory and is aimed at providing the dealer with all necessary knowledge in order to autonomously perform the machine field set-up and in order to deal with the after-sales processes of the machines equipped with ISOBUS system.

The ISOBUS training course is offered free of charge to the dealer one-off. The dealer will then internally manage the training of the staff hired after the course has been held by MaterMacc S.p.A. Any other instructional intervention carried out by MaterMacc, even by telephone or electronic means, will cost 200 €.

If the dealer or final consumer find it necessary for a MaterMacc technician to be there, the same fee as for .MC1 will be applied, if the dealer has not attended the mandatory courses, the fee for the deployment of the MS Elektro will be .MC2.

MaterMacc



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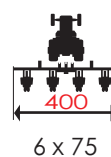
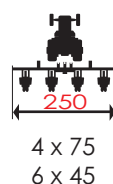
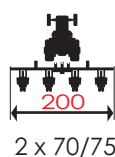
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TOOL BAR

Measures in cm - List of availables fertilizer tanks at page 13

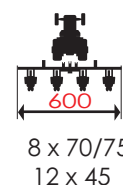
RIGID TOOL BAR MS 4100-8100



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MS 8100 p. 46

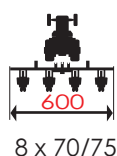
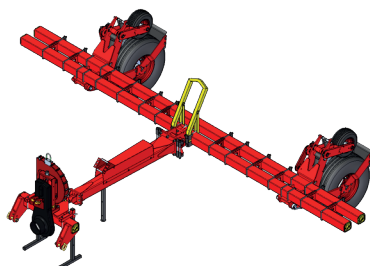
DOUBLE RIGID TOOL BAR 4100-8100



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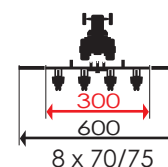
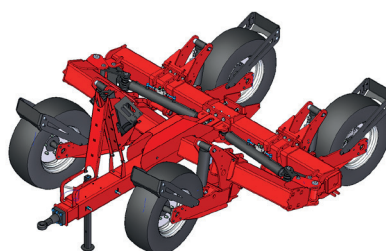
DOUBLE RIGID TOOL BAR PULL TYPE MS 8100 PT



MS 8100 PT p. 50

MS 9100 PT p. 118

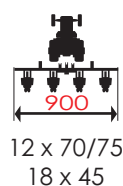
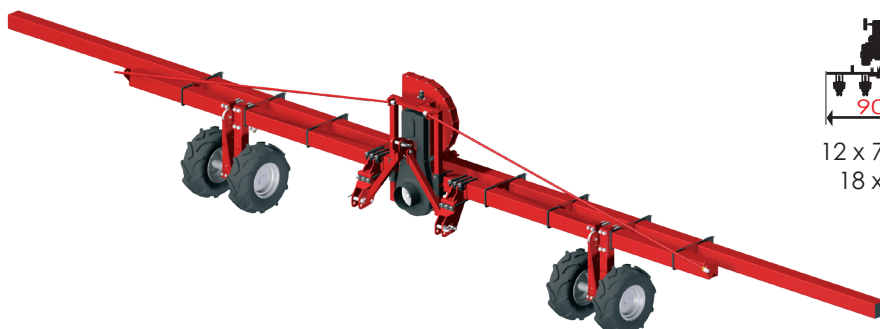
MS 8100 FF TOWED FOLDED FRAME



MS 8100 FF p. 82

MS 8100 FF p. 120

SUPER TOOL BAR - RIGID (X100) - EASY-SETTM (X200)



MS 4100 SUPER p. 20

MS 8100 SUPER p. 52

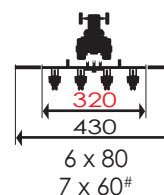
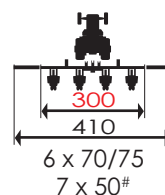
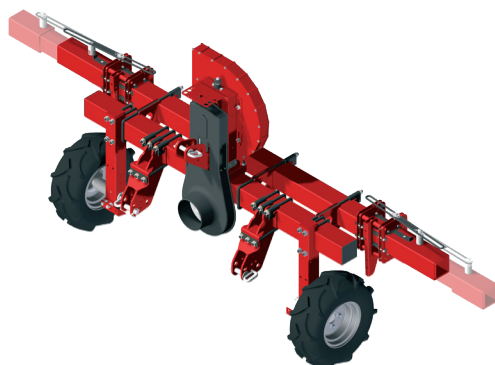
MS 8200 SUPER p. 62

WARNING: Any customized configurations foresee a non-deductible surcharge of 1.000,00€ for feasibility analysis charged at the order confirmation.

TOOL BAR

Measures in cm - List of available fertilizer tanks at page 13

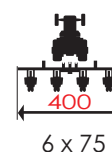
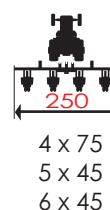
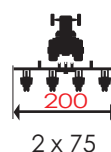
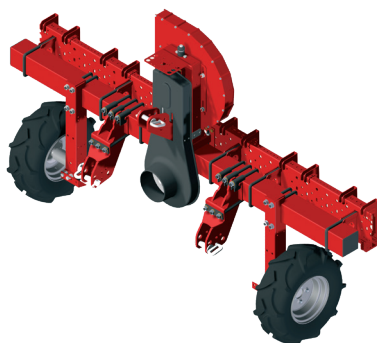
TELESCOPIC TOOL BAR MS 4130-8130



MS 8130 p. 56

[*]: MS 8130 EVQ p. 74

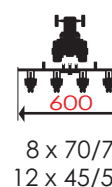
RIGID EASY-SET[®] TOOL BAR MS 4200-8200



MS 4200 p. 24

MS 8200 p. 58

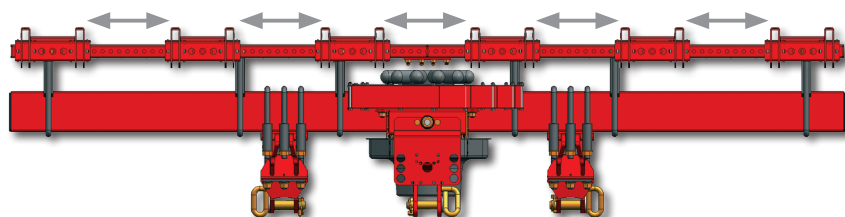
DOUBLE RIGID EASY-SET[®] TOOL BAR MS 4200-8200



MS 4200 p. 26

MS 8200 p. 60

[*]: EASY-SET SYSTEM



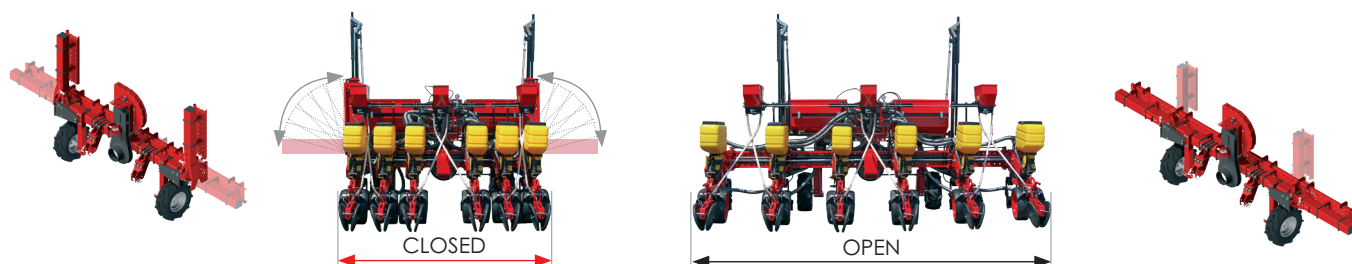
The Easy-Set system, as a result of MaterMacc research, allows the operator to modify the row spacing in a few minutes, according to the product to be planted.

WARNING: Any customized configurations foresee a non-deductible surcharge of 1.000,00€ for feasibility analysis charged at the order confirmation.

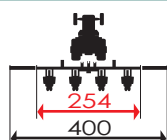
TOOL BAR

Measures in cm - List of available fertilizer tanks at page 13

HYDRAULIC FOLDING EASY-SET TOOL BAR MS 4230-8230



TOOL BARS WITH TRANSPORT WIDTH 254 cm

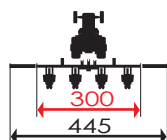


6 x 45 → 6 x 75

6 x 50 → 6 x 75

7 x 50/60 → 6 x 75

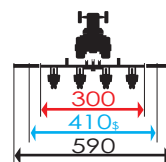
TOOL BARS WITH TRANSPORT WIDTH 300 cm



6 x 45/50 → 6 x 80

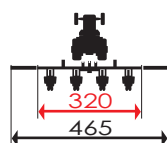
7 x 50/60 → 6 x 80

8 x 45/50 → 6 x 75

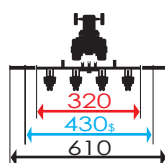


8 x 45/50 → 8 x 75

TOOL BARS WITH TRANSPORT WIDTH 320



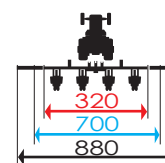
9 x 45/50 → 6 x 75/80



9 x 45/50 → 8 x 80

11 x 45/50 → 9 x 70 [Δ]

12 x 45/50 → 8 x 75/80 [Δ]



12 x 45/75 → 8 x 95 [Δ]

PLEASE NOTE: (Double tool bar MIDI)

[Δ]: Only with narrow gauge wheels - mis. 16" x 2.5"

§: measurement that can be reached with removed arms

MS 4230 p. 28

MS 8230 p. 64

MS 8230 (8-12 F) p.66

MS 8230 MIDI p. 68

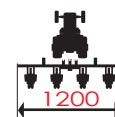
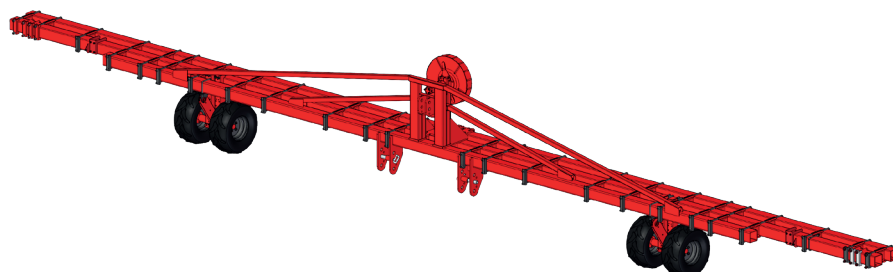
MS 8230 SUPER p. 92

WARNING: Any customized configurations foresee a non-deductible surcharge of 1.000,00€ for feasibility analysis charged at the order confirmation.

TOOL BAR

Measures in cm - List of availables fertilizer tanks at page 13

TRIPLE TOOL BAR SUPER L - RIGID (X100)

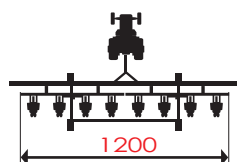


16 x 70/75
24 x 45

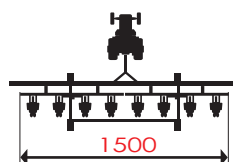
MS 4100 SUPER-L p. 22

MS 8100 SUPER-L p. 54

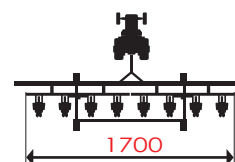
MODULAR FRAME (3XL)



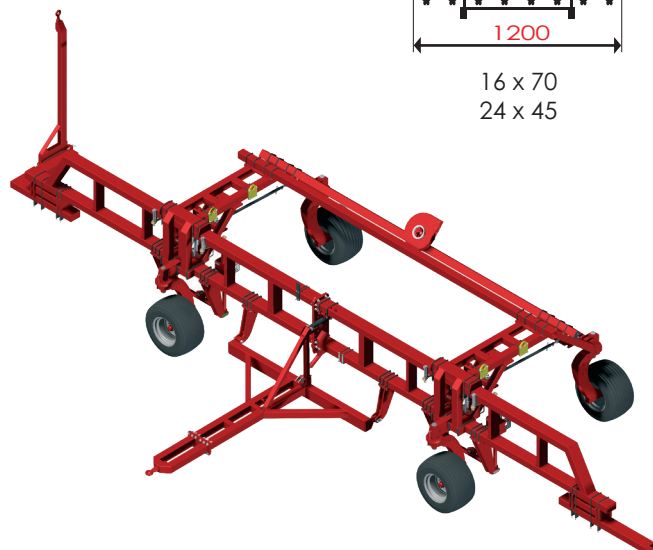
16 x 70
24 x 45



32 x 45



24 x 70



[‡]: 390 with Easy-Set frame

3XL 400 p. 30

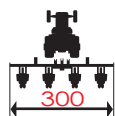
3XL 800 p. 70

WARNING: Any customized configurations foresee a non-deductible surcharge of 1.000,00€ for feasibility analysis charged at the order confirmation.

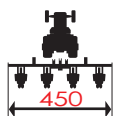
MS TWIN TOOL BAR

Measures in cm - List of availables fertilizer tanks at page 13

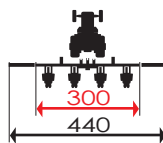
RIGID (X100) EASY-SET (*) (X200) TOOL BAR



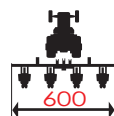
4X2 x 70/75



6X2 x 70/75



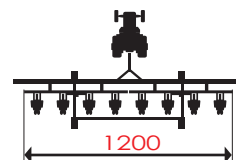
6X2 → 70/75



8X2 x 70/75

MS TWIN p. 126

MODULAR TOOL BAR (3XL)



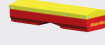
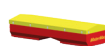
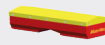
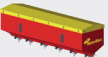
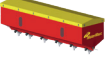
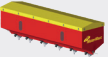
16X2 x 70

MS TWIN p. 126

WARNING: Any customized configurations foresee a non-deductible surcharge of 1.000,00€ for feasibility analysis charged at the order confirmation.

TANK

Fertilizer tanks

TOOL BAR	MODEL	STANDARD			OPTIONAL			VERSION	
(cm)		N°	(L)		N°	(L)		PAINTED	INOX
200	X100; X200	2	100		—	—		✓	✓
250	X100; X200	2	165		1	+415		✓	✓
254	X230	2	165		1	+415		✓	✓
254	MIDI	1	1000		—	—		—	✓
300	X100 FF	1	2300		—	—		✓	—
300/320	8130; X230	2	215		1	+345		✓	✓
320	8230 SUPER	1	1800		—	+400		✓	—
300/320	MIDI	1	1280		—	—		—	✓
300/320	EVO	1	1185		—	—		✓	—
400	X100; X200	2	215		1	+430		✓	✓
600	X100; X200	4	215		2	700		✓	✓
600	PT; TWIN	2	700		—	—		✓	✓
900	X100 SUPER; X200 SUPER	6	215		2	930		✓	✓
1200	X100 SUPER-L	4	580		—	—		✓	✓
1200	3XL; TWIN	4	930		—	—		✓	✓
1500	3XL	4	1150		—	—		✓	—
1700	3XL	4	1410		—	—		✓	—





VACUUM PRECISION PLANTERS MS 4000 SERIES



MS 4000

Planting unit for conventional agriculture on loose soil and none ore limited crop residues

Ideal working speed: 6-7 Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

MS 4100 [CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Rigid tool bar



Available in the
standard equipment



Main features

This planter is characterized for its simple structure and does not require specific adjustments. Planters are very compact because planting units are directly mounted on the tool bar and have a low overhanging weight.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000
Rigid tool bar
3 point hitch
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 750 rpm (for planters up to 7 rows)(*);
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm in length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic disc row marker (specify if marking on center tractor or on wheel track - not available for 2 rows models)
Centralized gearbox 21 ratios
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm. 750 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Stainless steel hopper 12 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter
Disc coulter with standard reinforced tool bar



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20x8.00-10 (200 mm)

MS 4100

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	01120150	2	70/75	200	280	30	70	-	-	9.090,00
	01121050▲	4	75	250	500	40	140	-	-	13.140,00
	01122450▲	6	45	250	640	60	210	-	-	16.650,00
	01122850▲	6	75	400	670	70	210	-	-	17.520,00
VERSION WITH MICROGRANULATOR										
	01120151	2	70/75	200	320	30	70	12	-	10.340,00
	01121051▲	4	75	250	550	40	140	24	-	14.760,00
	01122451▲	6	45	250	700	60	210	36	-	19.150,00
	01122851▲	6	75	400	730	70	210	36	-	20.080,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	01120162	2	70/75	200	390	30	70	-	2x100	11.290,00
	01121062▲	4	75	250	640	40	140	-	2x165	15.840,00
	01122462▲	6	45	250	800	60	210	-	2x165	20.170,00
	01122862▲	6	75	400	830	70	210	-	2x215	21.590,00
VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER										
	01120163	2	70/75	200	430	30	70	12	2x100	12.160,00
	01121063▲	4	75	250	690	40	140	24	2x165	17.640,00
	01122463▲	6	45	250	860	60	210	36	2x165	22.460,00
	01122863▲	6	75	400	890	70	210	36	2x215	23.800,00
VERSION WITH FERTILIZER AND DOUBLE DISC COULTER										
	01120182	2	70/75	200	418	30	70	-	2x100	13.080,00
	01121082▲	4	75	250	745	40	140	-	2x165	18.390,00
	01122482▲	6	45	250	935	60	210	-	2x165	23.480,00
	01122882▲	6	75	400	985	70	210	-	2x215	24.880,00
VERSION WITH FERTILIZER, MICROGRANULATOR AND DOUBLE DISC COULTER										
	01120183	2	70/75	200	455	30	70	12	2x100	13.940,00
	01121083▲	4	75	250	795	40	140	24	2x165	20.160,00
	01122483▲	6	45	250	995	60	210	36	2x165	25.760,00
	01122883▲	6	75	400	1045	70	210	36	2x215	27.120,00

[▲]: Supports optional transmission wheels adjustable in height. See page 41 for more details

ACCESSORIES on page 40

MS 4100 [CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid tool bar



Available in the standard equipment

Main features

This planter is characterized for its simple structure and does not require specific adjustments. Planters are very compact because planting units are directly mounted on the tool bar and have a low overhanging weight.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000
Double rigid tool bar
3 point hitch Cat. 2a
P.d.p. 540 rpm (assembled on the fan); P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
NOTE: Hydraulic connection from the tractor, minimum 1
(*) The planter is equipped with standard pulley 540 rpm. 1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 23x10.50-12 (230 mm)

MS 4100

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid tool bar

	CODE	N° ROWS	ROWSPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L) seed micro fertil			PRICE (€)
BASIC VERSION										
	01124650	8	70/75	600	890	90	280	-	-	24.090,00
	01127250	12	45	600	1130	100	420	-	-	31.680,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	01124662	8	70/75	600	1110	90	280	-	4x215	30.280,00
	01127262	12	45	600	1450	100	420	-	4x215	39.800,00

	CODE	DESCRIPTION	PRICE (€)
 NOT HOMOLOGATED	09010162	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	7.070,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 40

MS 4100 SUPER [CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid tool bar



Main features

This vacuum precision planter is characterized by double rigid Easy-Set tool bar and low weight high robustness. This version is suitable for tilled or half-tilled soils. Despite its dimensions (9 m working width), this planter could be tracked by tractors with a medium power. This model can be supplied with an integrated transport device that allows it to be easily moved without difficulties (transport width 3.30 m) and that can be disassembled to unload the planter during work.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000
Double rigid tool bar
3 point hitch Cat. 2a
P.d.p. 540 rpm (assembled on the fan); P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Double centralized gearbox 21 ratios
Double transmission
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm.
1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Stainless steel hopper 12 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23x10.50-12 (230 mm)

MS 4100 SUPER

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	01127650	12	75	900	1630	130	420	-	-	43.650,00
VERSION WITH MICROGRANULATOR										
	01127651	12	75	900	1780	130	420	72	-	49.080,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	01127662	12	75	900	2030	130	420	-	6x215	52.260,00
VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER										
	01127663	12	75	900	2180	130	420	72	6x215	57.140,00

	CODE	DESCRIPTION	PRICE (€)
	09010160	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	9.250,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 40

MS 4100 SUPER-L [CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Triple rigid tool bar



Main features

Vacuum precision planter characterised by triple rigid tool bar that guarantees robustness and low weight. This version is suitable for tilled or half-tilled soils, with a maximum working width of 12 m.

The transport device allows travelling on the road with a maximum width of 3.20 meters.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000
Triple rigid tool bar
3 point hitch Cat. 3a
200 mm 1-2-3 point hitch extensions
Fan hydraulic drive tractor dependent (*)
Vacuum meter
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Double centralized gearbox 21 ratios
Double transmission
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
70 liters
Seed emptying collector
NOTE: Hydraulic connection from the tractor, minimum 2

[*] The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment and agitator
Adjustable standard coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23x10.50-12 (230 mm)

MS 4100 SUPER-L CONFIGURATIONS ON PAGE 11

VACUUM PRECISION PLANTERS - Triple rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	01128450	16	70/75	1200	3200	200	1120	-	-	66.900,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	01128462	16	70/75	1200	3700	200	1120	-	4x580	85.110,00

	CODE	DESCRIPTION	PRICE (€)
	09010161	Integrated hydraulic transport device (transport width 3.4 m) with board lights and tables	10.000,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 40

MS 4200 [CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Rigid Easy-Set tool bar



Available
in the standard
equipment

Main features

Machine created to simplify the adjustment of the sowing row thanks to the EASY-SET system (MaterMacc patent). This system, integrated into the supporting frame, allows the sowing elements to slide along a runner.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000
Rigid Easy-Set tool bar for a quick modification of the row spacing (manual)
3 point hitch
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 750 rpm (for planters up to 7 rows)(*);
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic disc row marker (specify if marking on center tractor or on wheel track - not available for 2 rows models)
Centralized gearbox 21 ratios
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Planting unit shifting lever
NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm. 750 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Stainless steel hopper 12 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter
Disc coulter with standard reinforced tool bar



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20x8.00-10 (200 mm)

MS 4200

CONFIGURATIONS ON PAGE 9

VACUUM PRECISION PLANTERS - Rigid Easy-Set tool bar

	CODE	N° ROWS	ROWSPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	
BASIC VERSION										
	01220150	2	75	200	320	30	70	-	-	9.670,00
	01221050▲	4	75	250	580	40	140	-	-	14.430,00
	01222450▲	6	45	250	690	60	210	-	-	17.910,00
	01222850▲	6	75	400	730	70	210	-	-	19.050,00
VERSION WITH MICROGRANULATOR										
	01220151	2	75	200	360	30	70	12	-	10.820,00
	01221051▲	4	75	250	630	40	140	24	-	16.010,00
	01222451▲	6	45	250	750	60	210	36	-	20.400,00
	01222851▲	6	75	400	790	70	210	36	-	21.540,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	01220162	2	75	200	430	30	70	-	2x100	12.110,00
	01221062▲	4	75	250	770	40	140	-	2x165	17.250,00
	01222462▲	6	45	250	850	60	210	-	2x165	21.370,00
	01222862▲	6	75	400	890	70	210	-	2x215	22.520,00
VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER										
	01220163	2	75	200	470	30	70	12	2x100	13.090,00
	01221063▲	4	75	250	820	40	140	24	2x165	18.770,00
	01222463▲	6	45	250	910	60	210	36	2x165	23.920,00
	01222863▲	6	75	400	950	70	210	36	2x215	25.060,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	01220182	2	75	200	450	30	70	-	2x100	13.890,00
	01221082▲	4	75	250	810	40	140	-	2x165	19.800,00
	01222482▲	6	45	250	910	60	210	-	2x165	24.670,00
	01222882▲	6	75	400	950	70	210	-	2x215	25.810,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	01220183	2	75	200	490	30	70	12	2x100	14.870,00
	01221083▲	4	75	250	860	40	140	24	2x165	21.310,00
	01222483▲	6	45	250	970	60	210	36	2x165	27.230,00
	01222883▲	6	75	400	1010	70	210	36	2x215	28.350,00

[▲]: Supports optional transmission wheels adjustable in height. See page 41 for more details

ACCESSORIES on page 40

MS 4200 [CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid Easy-Set tool bar



Main features

This mounted planter has been designed to change the row distance quickly and easily. This system allows the sowing elements to slide on a runner mounted parallel to the frame.

The manual adjustment of the distance between the sowing elements (27 cm minimum) is done quickly using the special positioning lever, supplied as standard with the seed drill machine.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000
Double rigid Easy-Set tool bar for a quick modification of the row spacing (manual)
3 point hitch
P.d.p. 540 rpm (assembled on the fan); P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Planting unit shifting lever

NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm.
1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter



Available
in the standard
equipment

FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 23 x 10.50-12 (230 mm)

MS 4200

CONFIGURATIONS ON PAGE 9

VACUUM PRECISION PLANTERS - Double rigid Easy-Set tool bar

	CODE	N° ROWS	ROWSPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

BASIC VERSION

	01224650	8	70/75	600	1110	90	280	-	-	26.030,00
	01227250	12	45/50	600	1390	100	420	-	-	34.560,00

VERSION WITH FERTILIZER AND SHOE COULTER

	01224662	8	70/75	600	1310	90	280	-	4x215	30.750,00
	01227262	12	45/50	600	1710	100	420	-	4x215	41.270,00

	CODE	DESCRIPTION	PRICE (€)
	09010162	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	7.070,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 40

MS 4230 [CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar



Available in the standard equipment

Main features

The MS 4230 planter is extremely versatile, allowing to reduce transport widths even for planters with a working width of 6 m, due to the Hydraulic EASY-SET System (patented by MaterMacc) and folding tool bar. This system together with interchangeable distance rods allows the users to change the distance the rows easily without particular efforts.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000
Hydraulic folding Easy-Set tool bar
Transport width from 2.54 m a 3.20 m
Safety device against accidental opening of the tool bar
3 point hitch
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 750 rpm (for planters up to 7 rows)(*);
P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic row marker with disc (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
One set of Easy-Set spacing rods (specify row spacing)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Element lifting lever

NOTE: Hydraulic connection from the tractor, minimum 2

(*) The planter is equipped with standard pulley 540 rpm. 750 or 1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Stainless steel hopper 12 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter
Disc coulter with standard reinforced tool bar
Additional 750 R.p.M. fan



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20x8.00-10 (200 mm)

MS 4230 CONFIGURATIONS ON PAGE 10

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar

	CODE	N° ROWS	CONFIGURATIONS (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

BASIC VERSION (Pdp standard; 540 Rpm)

	01422650	6	6x45 → 6x75	254/400	920	60	210	-	-	25.720,00
	01424250 [*]	8	8x45/50 → 6x75	254/400	1070	80	280	-	-	29.340,00
	01724650 [A]	8	8x45/50 → 8x75	300/590	1170	90	280	-	-	33.900,00
	01727250 [A] [*]	12	12x45/50 → 8x75/80	320/610	1460	100	420	-	-	44.570,00

VERSION WITH MICROGRANULATOR (Pdp standard; 540 Rpm)

	01422651	6	6x45 → 6x75	254/400	990	60	210	36	-	27.390,00
	01424251 [*]	8	8x45/50 → 6x75	254/400	1150	80	280	48	-	32.770,00
	01724651 [A]	8	8x45/50 → 8x75	300/590	1260	90	280	48	-	36.170,00
	01727251 [A] [*]	12	12x45/50 → 8x75/80	320/610	1590	100	420	72	-	49.170,00

VERSION WITH FERTILIZER AND SHOE COULTER (Pdp standard; 540 Rpm)

	01422662	6	6x45 → 6x75	254/400	1080	60	210	-	2x165	29.490,00
	01424262 [*]	8	8x45/50 → 6x75	254/400	1270	80	280	-	2x165	34.820,00
	01724662 [A]	8	8x45/50 → 8x75	300/590	1390	90	280	-	2x215	39.430,00

VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER (Pdp standard; 540 Rpm)

	01422663	6	6x45 → 6x75	254/400	1140	60	210	36	2x165	31.130,00
	01424263 [*]	8	8x45/50 → 6x75	254/400	1350	80	280	48	2x165	37.850,00
	01724663 [A]	8	8x45/50 → 8x75	300/590	1480	90	280	48	2x215	42.130,00

VERSION WITH FERTILIZER AND DOUBLE DISC COULTER (Pdp standard; 750 Rpm)

	01422682	6	6x45 → 6x75	254/400	1140	60	210	-	2x165	32.800,00
	01424282 [*]	8	8x45/50 → 6x75	254/400	1350	80	280	-	2x165	38.880,00
	01724682 [A]	8	8x45/50 → 8x75	300/590	1470	90	280	-	2x215	43.480,00

VERSION WITH FERTILIZER + MICROGRANULATOR AND DOUBLE DISC COULTER (Pdp standard; 750 Rpm)

	01422683	6	6x45 → 6x75	254/400	1210	60	210	36	2x165	34.440,00
	01424283 [*]	8	8x45/50 → 6x75	254/400	1420	80	280	48	2x165	41.910,00
	01724683 [A]	8	8x45/50 → 8x75	300/590	1540	90	280	48	2x215	46.190,00

	[A] Removable arms, 900mm section removable on each arm									
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[*] Requires mandatory purchase of the accessory code 18120000 (See page. 109) to ensure proper on each working planting unit.

PLEASE INDICATE THE WHEEL TRACK WIDTH IN RELATION THAT OF THE TRACTOR

ACCESSORIES on page 40

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

3XL 400 [CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Modular frame



Main features

This planter was designed for big farms, suitable for sowing of main crops on tilled soil. The main tool bar is equipped with large support and transport wheels, it is also completed with hoisting and oscillating device where the planters are hitched on.

The tool bar includes two draw bars, one for road transport and one to be used in working position. The reduced road transport width (3.75 meter) allows it to be move without difficulties.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000
Double gear box with 21 ratios
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Seed hopper capacity: 70 L (35 L for 45 cm row distance)
Seeding monitor: Monotronic 32

EQUIPMENT TOOL BAR

2 independent drill hitches with compensator
4 wheels meas. 480/45-17
Fan hydraulic drive tractor dependent (*)
Drawbar connection to tractor
Transportation width 3.75 m
2 towing devices

NOTE: Hydraulic connection from the tractor, minimum 3

[*] The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Stainless steel metering unit support base with shaker
Volumetric metering unit
Quantity adjustment with endless variator
Adjustable standard coulter



ACCESSORIES

1000 rpm; pump fitting Z6 1" 3/8;
200 L oil tank, integrated in the tool bar
Hydraulic three-section row marker with disc

Tractor features:

- Towing hitch
- Automatic parallel guide (suggested RTK)
- 3 double-acting and 1 free return hydraulic distributors

FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 8 of 23x10.50-12 (230 mm)

3XL 400

CONFIGURATIONS ON PAGE 11

VACUUM PRECISION PLANTERS - Modular frame

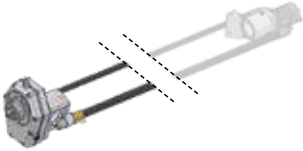
	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
								seed	micro	fertil	

BASIC VERSION

	01916350	3XL 416	16 (A)	70	1200	6048	160	1120	-	-	112.280,00
	01924150	3XL 424	24 (A)	45	1200	6872	200	840	-	-	130.880,00
	01924350	3XL 424-S	24 (B)	70	1700	7272	240	1680	-	-	169.580,00
	01932150	3XL 432	32 (B)	45	1500	7600	250	1120	-	-	188.920,00

VERSION WITH FERTILIZER AND SHOE COULTER

	01916362	3XL 416	16 (A)	70	1200	7148	160	1120	-	4x930	129.900,00
	01918162	3XL 424	24 (A)	45	1200	8522	200	840	-	4x930	152.570,00
	01924362	3XL 424-S	24 (B)	70	1700	8972	240	1680	-	4x1410	196.080,00
	01932162	3XL 432	32 (B)	45	1500	9450	250	1120	-	4x1150	215.440,00

	CODE	DESCRIPTION	PRICE (€)
	09060145	Independent hydraulic vacuum system drive	3.820,00
	09070180	Kit 3XL row marker [for (A)]	8.490,00
	09070185	Kit 3XL row marker [for (B)]	9.680,00

ACCESSORIES on page 40

MaterMacc



VACUUM PRECISION PLANTERS MS 4000 SERIES



MS 4000 ELEKTRO

Planting unit for conventional agriculture on loose soil and none ore limited crop residues.
Integrated electric transmission of seeding unit.

Ideal working speed: 6-7 Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

MS 4100 SUPER ELEKTRO

[CORN, SUNFLOWER, SOYA,
RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid tool bar



Main features

This planter despite its size (working capacity about 9 meters), can be used with medium tractors power. The trolley allows a transport width of 3.30 meters and can be dismantled to lighten the planter during work. The electric transmission system guarantees instant sowing in restarts and cancellation slippage; moreover, it is possible to vary the sowing rate along the direction of travel (not between the rows) and stop in automatic sowing of each row (section control). The absence of a battery dedicated to electric motors eliminates the need for maintenance specific.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000 ELEKTRO

Double rigid tool bar

3 point hitch Cat. 2a

P.d.p. 540 rpm (assembled on the fan);

P.d.p. 1000 rpm (for planters with more than 7 rows)(*)

Drive shaft with free wheel 1" 3/8 Z6-Z6
(718 mm length)

Vacuum meter

Hydraulic disc row maker (specify if marking on center tractor or on wheel track)

Electric transmission with ISOBUS system and engine ECU for single row (monitor not included)

Tractor-independent machine power supply with dedicated generator

MS metering unit wind protection kit (each row)

One set of seed plates (indicate Nr of holes and Ø)

Partitioning wall for small seeds and dropping device (each row)

Seed emptying collector

NOTE: Hydraulic connection from the tractor, minimum 1

Tractor requires a rear IsoBus socket, see page 251 for device compatibility.

(*) The planter is equipped with standard pulley 540 rpm. 1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH FERTILIZER

Steel painted hopper

Metering unit holding base in **stainless steel**

Volumetric metering unit with centralized adjustment

Adjustable standard coulter

Mechanical gear transmission



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23x10.50-12 (230 mm)

MS 4100 SUPER ELEKTRO

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	01147650	12	75	900	1630	130	420	-	-	64.730,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	01147662	12	75	900	2030	130	420	-	6x215	73.340,00

	CODE	DESCRIPTION	PRICE (€)
	09010160	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	9.250,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 40

MS 4100 SUPER-L ELKTRO

[CORN, SUNFLOWER, SOYA,
RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Triple rigid tool bar



Main features

Pneumatic precision planter with triple fixed frame, characterized by high strength and low weight. Suitable for sowing the main crops, on worked soil or in conditions of minimum tillage, with a width of work of 12 meters. The transport trolley allows you to travel on the road with a maximum footprint of 3.20 meters. The system electric transmission ensures instant sowing in restarts and elimination of slippages; furthermore, it is possible to vary the sowing rate along the direction of travel (not between the rows) and to automatically interrupt the sowing of each row (section control). The absence of a battery dedicated to electric motors eliminates the need for specific maintenance.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000 ELEKTRO
Triple rigid tool bar
3 point hitch Cat. 3a
200 mm 1-2-3 point hitch extensions
Fan hydraulic drive tractor dependent (*)
Vacuum meter
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Electric transmission with ISOBUS system and engine ECU for single row (monitor not included)
Tractor-independent machine power supply with dedicated generator
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
70 liters
Seed emptying collector

NOTE: Hydraulic connection from the tractor, minimum 2 Tractor requires a rear Isobus socket, see page 251 for device compatibility.

[*] The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment and agitator
Adjustable standard coulter
Mechanical gear transmission



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23x10.50-12 (230 mm)

MS 4100 SUPER-L ELEKTRO

CONFIGURATIONS ON PAGE 11

VACUUM PRECISION PLANTERS - Triple rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	01148450	16	70/75	1200	3200	200	1120	-	-	98.430,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	01148462	16	70/75	1200	3700	200	112	-	4X580	116.660,00

	CODE	DESCRIPTION	PRICE (€)
	09010161	Integrated hydraulic transport device (transport width 3.4 m) with board lights and tables	10.000,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 40

3XL 400 ELEKTRO

[CORN, SUNFLOWER, SOYA, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Modular frame



Main features

The main frame, equipped with large section support wheels, has two lifting systems, oscillating, to which the planters must be hooked up.

In the frame there are two drawbars, one used in the seeding position, while the other is used in the position of transport. The electric transmission system guarantees instant sowing in restarts and cancellation slippage; moreover, it is possible to vary the sowing rate along the direction of travel (not between the rows) and stop in automatic sowing of each row (section control). The absence of a battery dedicated to electric motors eliminates the need for maintenance specific.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 4000 ELEKTRO
Vacuum meter
Led road light kit and panels red/white
Electric transmission with ISOBUS system and engine ECU for single row (monitor not included)
Tractor-independent machine power supply with dedicated generator
MS metering unit wind protection kit (each row)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Seed hopper capacity: 70 L

EQUIPMENT TOOL BAR

2 independent drill hitches with compensator
4 wheels meas. 480/45-17
Fan hydraulic drive tractor dependent (*)
Drawbar connection to tractor
Transportation width 3.75 m

2 towing devices

NOTE: Hydraulic connection from the tractor, minimum 3

Tractor requires a rear Isobus socket, see page 251 for device compatibility.

[*] The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

EQUIPMENT WITH FERTILIZER

Steel painted hopper

Stainless steel metering unit support base with shaker

Volumetric metering unit

Quantity adjustment with endless variator

Adjustable standard coulter

Mechanical gear transmission



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 8 of 23x10.50-12 (230 mm)

3XL 400 ELEKTRO

CONFIGURATIONS ON PAGE 11

VACUUM PRECISION PLANTERS - Modular frame

ACCESSORIES

1000 rpm; pump fitting Z6 1" 3/8;
200 L oil tank, integrated in the tool bar
Hydraulic three-section row marker with disc

Tractor features:

- Towing hitch
- Automatic parallel guide (suggested RTK)
- 3 double-acting and 1 free return hydraulic distributors

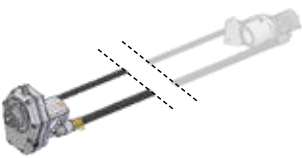
	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
								seed	micro	fertil	

BASIC VERSION

	01946350	3xl 416	16	70	1200	6048	160	1120	-	-	147.290,00
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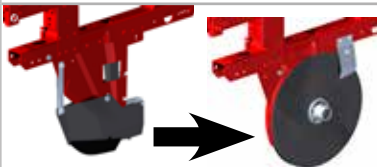
VERSION WITH FERTILIZER AND SHOE COULTER

	01946362	3xl 416	16	70	1200	7148	160	1120	-	4x930	164.920,00
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	CODE	DESCRIPTION	PRICE (€)
	09060145	Independent hydraulic vacuum system drive	3.820,00
	09070180	Kit 3XL row marker [for (A)]	8.490,00

ACCESSORIES on page 40

ACCESSORIES SERIES 4000

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge yellow-red reflecting-panels for road transport	0,00
	09120060	Surcharge conversion from shoe to double disc opener (each row)	250,00
	09120099	Surcharge for transformation from corn/soy bean to beet specific coulter	33,00
	NOTE	Note: if the beet coulter is "also" required, it must be bought as a spare part.	
	09020132	Extra spring-loading kit for planting unit Ø 6 mm (each row)	32,00
	09020005	Surcharge for 70-liter seed hopper (each row)	83,00
	NOTE	Suggested for row spacing exceeding 45cm. Not compatible with lower spacing of 35cm (narrow depth wheels) and on 3XL with 45cm spacing	
	09020070	Surcharge for ripper for direct seeding on light soil (each row)	52,00
	09120102	Surcharge for row cleaner "trash wheel" (each row)	520,00
	NOTE	Not compatible with fertilizer coulter element.	
	09020105	Surcharge for Ø380 mm turbo disc for each MS element (version without spreader)	350,00
	NOTE	Double tool frames only.	
	09020112	Surcharge for Ø380 mm turbo disc for each MS element (version with spreader)	440,00
	NOTE	Only for double and fixed frames without easy-set: MS X100	
	09020113	Row turbo disc bushing kit (mandatory)	49,00

ACCESSORIES

SERIES 4000

	CODE	DESCRIPTION	PRICE (€)
	09030050	Surcharge for 23X10.50-12 oversized wheels (each machine)	410,00
	NOTE	Wheel track 180 cm not available on 250/254 cm tool bars	
	09010075	Surcharge for adjustable supports and 7.50-16 drive wheels (for rigid tool bars, 4 m or more; for 0-30cm high seed beds)	2.350,00
	NOTE	Not compatible with transport trolley for MS4100-4200 and all MS ELEKRO	
	09010250	Surcharge for Height-Adjustable transmission wheels MS4100 4 and 6 rows (Only 01121050, 01122450 and 01122850)	700,00
	09010251	Surcharge for Height-Adjustable transmission wheels MS4100 4 and 6 rows (Only 01121051, 01122451 and 01122851)	700,00
	09010252	Surcharge for Height-Adjustable transmission wheels MS4100 4 and 6 rows (Only 01121062, 01122462 and 01122862)	700,00
	09010253	Surcharge for Height-Adjustable transmission wheels MS4100 4 and 6 rows (Only 01121063, 01122463 and 01122863)	700,00
	09010254	Surcharge for Height-Adjustable transmission wheels MS4100 4 and 6 rows (Only 01121082, 01122482 and 01122882)	700,00
	09010255	Surcharge for Height-Adjustable transmission wheels MS4100 4 and 6 rows (Only 01121083, 01122483 and 01122883)	700,00
	09010256	Surcharge for Height-Adjustable transmission wheels MS4200 4 and 6 rows (Only 01221050, 01222450 and 01222850)	700,00
	09010257	Surcharge for Height-Adjustable transmission wheels MS4200 4 and 6 rows (Only 01221051, 01222451 and 01222851)	700,00
	09010258	Surcharge for Height-Adjustable transmission wheels MS4200 4 and 6 rows (Only 01221062, 01222462 and 01222862)	700,00
	09010259	Surcharge for Height-Adjustable transmission wheels MS4200 4 and 6 rows (Only 01221063, 01222463 and 01222863)	700,00
	09010260	Surcharge for Height-Adjustable transmission wheels MS4200 4 and 6 rows (Only 01221082, 01222482 and 01222882)	700,00
	09010261	Surcharge for Height-Adjustable transmission wheels MS4200 4 and 6 rows (Only 01221083, 01222483 and 01222883)	700,00
	09030040	Surcharge for double drive with free wheel (seed only version)	470,00
	NOTE	Not compatible with all MS ELEKRO	
	09030043	Chain drive kit for high/low fertilizer density, Z25-Z10 (Suggested for distances between rows of 45cm)	129,00

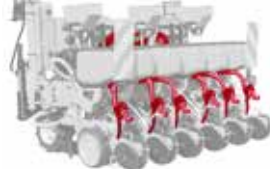
ACCESSORIES

SERIES 4000

	CODE	DESCRIPTION	PRICE (€)
	09040490	Surcharge for VARIOVOLUMEX low rate distribution kit (40-150 kg/ha; 3XL only; each row)	25,00
	09040491	Surcharge for VARIOVOLUMEX low rate distribution kit (each row)	30,00
	09010061	150 mm 1-2-3 point extension kit	420,00
	NOTE	Verify standard cardan shaft length	
	09060201	Drive shaft conversion from B1 1" 3/8 Z6 a Z8	171,00
	09060110	Surcharge for hydraulic motor activated vacuum fan dependent on tractor. Includes: Fan speed display (rpm); Detraction of standard cardan shaft.	1.980,00
	NOTE	The tractor must provide 40 Liters/Min continuous oil flow with direct back-flow to the tank without counterpression	
	09050210	Surcharge for stainless steel microgranulator 27 L (each hopper)	110,00
	09040202	Surcharge for stainless steel fertilizer 100 L (each hopper)	300,00
	09040200	Surcharge for stainless steel fertilizer 165 L (each hopper)	340,00
	09040201	Surcharge for stainless steel fertilizer 215 L (each hopper)	370,00

ACCESSORIES

SERIES 4000

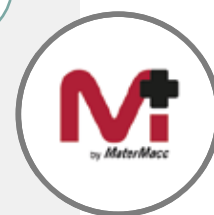
	CODE	DESCRIPTION	PRICE (€)
	09040252	Fertilizer tank extension 750 L (INOX) min. tool bar cm 250	1.570,00
	09040257	Fertilizer tank extension +415 L (PAINTED) min. frame 250 cm	1.240,00
	09040250	Fertilizer tank extension 800 L (INOX) min. tool bar cm 300	1.590,00
	09040255	Fertilizer tank extension +345 L (PAINTED) min. tool bar cm 300	1.280,00
	09040259	Extension +250 L (INOX) to be matched with 09040250 (max 2)	800,00
	09040258	Fertilizer tank extension +250L (PAINTED) to be matched with 09040255 (max 2)	520,00
	09040251	Fertilizer tank extension +430 L (INOX) min. tool bar cm 400 (for models 6x75cm)	1.640,00
	09040256	Fertilizer tank extension +430 L (PAINTED) frame min. tool bar cm 400 (for models 6x75 cm)	1.310,00
	09040220	Surcharge for fertilizer 2x700 L (PAINTED) on 6 m rigid tool bars	1.660,00
	09040230	Surcharge for fertilizer 2x930 L (PAINTED) on 9 m rigid tool bars	2.970,00
	09040225	Surcharge for fertilizer 2x700 L (stainless steel) on 6 m rigid tool bars	2.820,00
	09040235	Surcharge for fertilizer 2x930 L (stainless steel) on 9 m rigid tool bars	4.250,00
	09040268	Loading auger with remote drive	5.670,00
	NOTE	For tool bars up to 4 m, with fertilizer tank extension and MIDI and PRO models. Not suitable for uneven number of rows.	
	09040031	In-furrow pneumatic fertilizer transport kit, 6X45 cm including additional fan (for versions with fertilizer spreader and rigid frame)	3.050,00
	NOTE	Standard coulters must be deducted if not desired.	
	09020133	Planting unit hydraulic lifting device (2 rows)	960,00
	NOTE	One hydraulic link needed (each kit).	
	09010040	Kit of 4 tracks remover with fittings for MS SUPER and MS SUPER-L	610,00
	09020131	Planting units lifting lever	66,00
	NOTE	Standard on MS 4230 – 4200 models and for the version with transport device, NOT for PT model	



MaterMacc



VACUUM PRECISION PLANTERS MS 8000 SERIES



MS 8000 MY 2022

Planting unit for conventional agriculture
or minimum tillage also with crop residues
on the soil surface

Ideal working speed: 8-9 Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

MS 8100 [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Rigid tool bar



Available
in the standard
equipment

Main features

This planter is characterized for its simple structure and does not require specific adjustments. Planters are very compact because planting units are directly mounted on the tool bar and have a low overhanging weight.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Rigid tool bar
Cast arm with Quick-Set adjustment system
Tungsten carbide scrapers on each side of the disc coulters
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 750 rpm (for planters up to 7 rows[*]);
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector

NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm.
750 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with central- ized adjustment
Adjustable standard or double disc coulters with reinforced tool bar



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20 x 8.00-10 (200 mm)

MS 8100

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	02121050 ▲	4	75	250	580	40	200	-	-	18.720,00
	02122450 ▲	6	45	250	760	60	300	-	-	24.280,00
	02122850 ▲	6	75	400	790	70	300	-	-	25.420,00
VERSION WITH MICROGRANULATOR										
	02121051 ▲	4	75	250	700	40	200	50	-	20.570,00
	02122451 ▲	6	45	250	820	60	300	75	-	26.440,00
	02122851 ▲	6	75	400	850	70	300	75	-	27.100,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	02121062 ▲	4	75	250	720	40	200	-	2x165	21.660,00
	02122462 ▲	6	45	250	920	60	300	-	2x165	27.640,00
	02122862 ▲	6	75	400	950	70	300	-	2x215	29.220,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	02121082 ▲	4	75	250	825	40	200	-	2x165	23.730,00
	02122482 ▲	6	45	250	1055	60	300	-	2x165	30.900,00
	02122882 ▲	6	75	400	1105	70	300	-	2x215	32.140,00
VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER										
	02121063 ▲	4	75	250	770	40	200	50	2x165	23.380,00
	02122463 ▲	6	45	250	980	60	300	75	2x165	29.310,00
	02122863 ▲	6	75	400	1010	70	300	75	2x215	31.110,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	02121083 ▲	4	75	250	875	40	200	50	2x165	25.330,00
	02122483 ▲	6	45	250	1115	60	300	75	2x165	32.750,00
	02122883 ▲	6	75	400	1165	70	300	75	2x215	34.150,00

[▲]: Supports optional transmission wheels adjustable in height. See page 98 for more details

ACCESSORIES on page 96

MS 8100 [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid tool bar



Available in the standard equipment



Main features

This planter is characterized for its simple structure and does not require specific adjustments. Planters are very compact because planting units are directly mounted on the tool bar and have a low overhanging weight.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Double rigid tool bar
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 1000 rpm (for planters with more than 7 rows) (*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector

NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm. 1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter or double disc coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 23 x 10.50-12 (230 mm)

MS 8100

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

BASIC VERSION

	02124650	8	70/75	600	1050	90	400	-	-	34.220,00
	02127250	12	45	600	1370	100	600	-	-	45.780,00

VERSION WITH MICROGRANULATOR

	02124651	8	70/75	600	1130	90	400	100	-	37.740,00
	02127251	12	45	600	1490	100	600	150	-	50.610,00

VERSION WITH FERTILIZER AND SHOE COULTER

	02124662	8	70/75	600	1270	90	400	-	4x215	39.710,00
	02127262	12	45	600	1690	100	600	-	4x215	53.750,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER

	02124682	8	70/75	600	1380	90	400	-	4x215	42.910,00
	02127282	12	45	600	1860	100	600	-	4x215	58.510,00

VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER

	02124663	8	70/75	600	1350	90	400	100	4x215	43.130,00
	02127263	12	45	600	1810	100	600	150	4x215	58.300,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR

	02124683	8	70/75	600	1500	90	400	100	4x215	46.660,00
	02127283	12	45	600	1960	100	600	150	4x215	63.120,00

	CODE	DESCRIPTION	PRICE (€)
	09010162	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	7.070,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 96

MS 8100 PT [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid tool bar - Pull Type



Available
in the standard
equipment



Main features

MS 8100 precision planter, semi-trailed version with 3 point hitch cat. II. The planting units are directly mounted on the main rigid tool bar. The fan is assembled on the front. The drive wheels are also used for road transport. The towed seed drill solution, allows the use of low power tractors, the lifting weight is only 1/3 of the total weight of the machine.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Double rigid tool bar
Oscillating towing hook
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
Seed emptying collector
Partitioning wall for small seeds and dropping device (each row)
Drive and transport wheels are fitted between the plant- ing units and hydraulically controlled

NOTE: Hydraulic connection from the tractor, minimum 2

(*) The planter is equipped with standard pulley 540 rpm.
1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with central- ized adjustment
Adjustable standard coulter or double disc coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: Two 12.5/80 x 15.3

MS 8100 PT

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid tool bar - Pull Type

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L) seed micro fertil			PRICE (€)
BASIC VERSION										
	02174650	8	70/75	600	1840	100	400	-	-	42.520,00
VERSION WITH MICROGRANULATOR										
	02174651	8	70/75	600	1920	100	400	100	-	46.050,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	02174682	8	70/75	600	2170	100	400	-	2x700	55.420,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	02174683	8	70/75	600	2850	100	400	100	2x700	57.040,00

	CODE	DESCRIPTION	PRICE (€)
	09030059	Chain drive kit for fertilizer high/low density L.268 Z25-Z10	150,00
	09020095	TURBO disc opener with fitting (each row)	830,00
	09040296	Surcharge for No-Till seeding kit (PLEASE NOTE: Only available for machines with fertilizer spreader and fertilizer disc coulters)	23.420,00

NOTE: Extra load spring kit suggested on each planting unit for minimum tillage Ø 6 mm, code 09020132 (page 96)

ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

MS 8100 SUPER [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid tool bar



Press wheel Ø 330 mm with in-between (OPTIONAL)

Main features

This vacuum precision planter is characterized by double rigid Easy-Set tool bar and low weight high robustness. This version is suitable for tilled or half-tilled soils. Despite its dimensions (about 9 m working width), this planter could be used with tractors with a medium power and it is available with a number of 12 rows. The transport device allows a transport width of 3.30 m and can be disassembled to lighten the planter during work.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Double rigid tool bar
3 point hitch
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Double centralized gearbox 21 ratios
Double transmission
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector

NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm.
1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with central- ized adjustment
Adjustable standard coulter or double disc coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23 x 10.50-12 (230 mm)

MS 8100 SUPER

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

BASIC VERSION

	02127650	12	70/75	900	1880	150	600	-	-	54.440,00
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VERSION WITH MICROGRANULATOR

	02127651	12	70/75	900	2020	150	600	150	-	60.610,00
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VERSION WITH FERTILIZER AND SHOE COULTER

	02127662	12	70/75	900	2270	150	600	-	6x215	62.510,00
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VERSION WITH FERTILIZER DOUBLE DISC COULTER

	02127682	12	70/75	900	2440	150	600	-	6x215	67.670,00
---	-----------------	----	-------	-----	------	-----	-----	---	-------	------------------

VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER

	02127663	12	70/75	900	2420	150	600	150	6x215	68.420,00
---	-----------------	----	-------	-----	------	-----	-----	-----	-------	------------------

VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR

	02127683	12	70/75	900	2590	150	600	150	6x215	73.670,00
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	CODE	DESCRIPTION	PRICE (€)
	09010160	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	9.250,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

MS 8100 SUPER-L [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Triple rigid tool bar



Main features

Vacuum precision planter characterised by triple rigid tool bar that guarantees robustness and low weight. This version is suitable for sowing the main crops on tilled or half-tilled soils, with a maximum working width of 12 m. The transport device allows travelling on the road with a maximum width of 3.40 meters.

STANDARD EQUIPMENT BASIC VERSION

- Planting unit 8000-MY 2022 type
- V-closing wheels 1"
- Triple rigid tool bar
- 3 point hitch Cat. III ISO 730
- 200 mm 1-2-3 point hitch extensions
- Cast arm with Quick-Set adjustment system
- Fan hydraulic drive tractor dependent (*)
- Vacuum meter
- High/low seed density kit (Z17-Z13)
- Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
- Double centralized gearbox 21 ratios
- Double transmission
- One set of seed plates (indicate Nr of holes and Ø)
- Partitioning wall for small seeds and dropping device (each row)
- Seed emptying collector

NOTE: Hydraulic connection from the tractor, minimum 2

[*] The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

EQUIPMENT WITH FERTILIZER

- Steel painted hopper
- Metering unit holding base in **stainless steel**
- Volumetric metering unit with centralized adjustment
- Adjustable standard coulter or double disc coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23 x 10.50-12 (230 mm)

MS 8100 SUPER-L CONFIGURATIONS ON PAGE 11

VACUUM PRECISION PLANTERS - Triple rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

BASIC VERSION

	02128450	16	70/75	1200	3580	200	800	-	-	79.150,00
	02129050	24	45	1200	4310	230	1200	-	-	104.570,00

VERSION WITH FERTILIZER AND SHOE COULTER

	02128462	16	70/75	1200	4020	200	800	-	4x580	96.990,00
	02129062	24	45	1200	4860	230	1200	-	4x580	127.780,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER

	02128482	16	70/75	1200	4240	200	800	-	4x580	103.990,00
	02129082	24	45	1200	5170	230	1200	-	4x580	136.720,00

	CODE	DESCRIPTION	PRICE (€)
	09010161	Integrated hydraulic transport device (transport width 3.4 m) with board lights and tables	10.000,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 96

MS 8130 [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Telescopic tool bar



Available in the standard equipment

Main features

This vacuum precision planter with a hydraulic telescopic tool bar permits the user to change directly from working position into transport position.

The planter is very compact and has a low overhanging weight. The planter is very compact and has a low overhanging weight.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Telescopic tool bar
3 point hitch
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 750 rpm (for planters up to 7 rows)[*]
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
NOTE: Hydraulic connection from the tractor, minimum 2

(*) The planter is equipped with standard pulley 540 rpm. 750 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter or double disc coulter
Pneumatic fertilizer distribution for external rows
Additional fan
P.d.p. 750 rpm



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20 x 8.00-10 (200 mm)

MS 8130

CONFIGURATIONS ON PAGE 9

VACUUM PRECISION PLANTERS - Telescopic tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION (Pdp standard; 540 Rpm)										
	02622750	6	70	300/410	950	80	300	-	-	25.040,00
	02622850	6	75	300/410	950	80	300	-	-	25.260,00
	02622950	6	80	320/430	980	80	300	-	-	25.480,00
VERSION WITH MICROGRANULATOR (Pdp standard; 540 Rpm)										
	02622751	6	70	300/410	1010	80	300	75	-	27.920,00
	02622851	6	75	300/410	1010	80	300	75	-	28.080,00
	02622951	6	80	320/430	1040	80	300	75	-	28.240,00
VERSION WITH FERTILIZER AND SHOE COULTER (Pdp standard; 750 Rpm)										
	02622762	6	70	300/410	1170	80	300	-	2x215	28.890,00
	02622862	6	75	300/410	1170	80	300	-	2x215	29.060,00
	02622962	6	80	320/430	1200	80	300	-	2x215	29.220,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER (Pdp standard; 750 Rpm)										
	02622782	6	70	300/410	1260	80	300	-	2x215	30.950,00
	02622882	6	75	300/410	1260	80	300	-	2x215	31.230,00
	02622982	6	80	320/430	1290	80	300	-	2x215	31.480,00
VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER (Pdp standard; 750 Rpm)										
	02622763	6	70	300/410	1230	80	300	75	2x215	30.630,00
	02622863	6	75	300/410	1230	80	300	75	2x215	30.950,00
	02622963	6	80	320/430	1260	80	300	75	2x215	31.280,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR (Pdp standard; 750 Rpm)										
	02622783	6	70	300/410	1320	80	300	75	2x215	32.370,00
	02622883	6	75	300/410	1320	80	300	75	2x215	32.850,00
	02622983	6	80	320/430	1350	80	300	75	2x215	33.720,00

ACCESSORIES on page 96

MS 8200 [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Rigid Easy-Set tool bar



Available
in the standard
equipment



Main features

This mounted planter has been designed to adjust the row distance quickly and easily thanks to the EASY-SET system (MaterMacc patent) fitted on the fixed supporting frame. This system allows the sowing elements to slide on a runner mounted parallel to the frame.

There will be a positioning lever supplied with the planter to do such movements.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Rigid Easy-Set tool bar for a quick modification of the row spacing (manual)
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 750 rpm (for planters up to 7 rows)(*);
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic disc row marker (specify if marking on center tractor or on wheel track - not available for 2 rows models)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Planting unit shifting lever

NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm.
750 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard or double disc coulters with reinforced tool bar



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20 x 8.00-10 (200 mm)

MS 8200

CONFIGURATIONS ON PAGE 9

VACUUM PRECISION PLANTERS - Rigid Easy-Set tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	
BASIC VERSION										
	02220150	2	75	200	360	30	100	-	-	14.200,00
	02221050 ▲	4	75	250	660	40	200	-	-	19.080,00
	02221750	5	45	250	740	50	250	-	-	21.540,00
	02222450 ▲	6	45	250	810	60	300	-	-	24.830,00
	02222850 ▲	6	75	400	850	70	300	-	-	25.960,00
VERSION WITH MICROGRANULATOR										
	02220151	2	75	200	400	30	100	25	-	15.190,00
	02221051 ▲	4	75	250	710	40	200	50	-	20.930,00
	02221751	5	45	250	790	50	250	63	-	23.760,00
	02222451 ▲	6	45	250	870	60	300	75	-	26.990,00
	02222851 ▲	6	75	400	910	70	300	75	-	27.640,00
VERSION WITH FERTILIZER AND SHOE COULTER										
	02220162	2	75	200	470	30	100	-	2x100	16.800,00
	02221062 ▲	4	75	250	850	40	200	-	2x165	22.030,00
	02221762 Δ	5	45	250	910	50	250	-	2x165	24.470,00
	02222462 ▲	6	45	250	970	60	300	-	2x165	28.190,00
	02222862 ▲	6	75	400	1010	70	300	-	2x215	29.760,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	02220182	2	75	200	500	30	100	-	2x100	18.640,00
	02221082 ▲	4	75	250	910	40	200	-	2x165	24.090,00
	02221782 Δ	5	45	250	990	50	250	-	2x165	27.440,00
	02222482 ▲	6	45	250	1060	60	300	-	2x165	31.440,00
	02222882 ▲	6	75	400	1100	70	300	-	2x215	32.680,00
VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER										
	02220163	2	75	200	540	30	100	25	2x100	17.560,00
	02221063 ▲	4	75	250	900	40	200	50	2x165	23.750,00
	02221763 Δ	5	45	250	970	50	250	63	2x165	25.600,00
	02222463 ▲	6	45	250	1030	60	300	75	2x165	29.860,00
	02222863 ▲	6	75	400	1070	70	300	75	2x215	31.660,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	02220183	2	75	200	570	30	100	25	2x100	19.620,00
	02221083 ▲	4	75	250	960	40	200	50	2x165	25.700,00
	02221783 Δ	5	45	250	1040	50	250	63	2x165	29.330,00
	02222483 ▲	6	45	250	1115	60	300	75	2x165	33.290,00
	02222883 ▲	6	75	400	1155	70	300	75	2x215	34.690,00

[Δ] Fertilizer only on 4 rows

[▲]: Supports option of adjustable transmission wheels. See page 98 for more details

ACCESSORIES on page 96

MS 8200 [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid Easy-Set tool bar



Available
in the standard
equipment



Main features

This mounted planter has been designed to change the row distance quickly and easily. This system allows the sowing elements to slide on a runner mounted parallel to the frame.

The adjustment of the distance between sowing elements (37 cm minimum) is done quickly using the positioning lever supplied as standard with the planter.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Double rigid Easy-Set tool bar for a quick modification of the row spacing (manual)
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Planting unit shifting lever

NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm. 1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter or double disc coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 23 x 10.50-12 (230 mm)

MS 8200

CONFIGURATIONS ON PAGE 9

VACUUM PRECISION PLANTERS - Double rigid Easy-Set tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L) seed micro fertil			PRICE (€)
BASIC VERSION										
	02224650	8	70/75	600	1270	90	400	-	-	34.950,00
	02227250	12	45/50	600	1630	100	600	-	-	46.870,00

VERSION WITH MICROGRANULATOR										
	02224651	8	70/75	600	1350	90	400	100	-	38.470,00
	02227251	12	45/50	600	1780	100	600	150	-	51.700,00

VERSION WITH FERTILIZER AND SHOE COULTER										
	02224662	8	70/75	600	1470	90	400	-	4x215	40.440,00
	02227262	12	45/50	600	1950	100	600	-	4x215	54.840,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	02224682	8	70/75	600	1580	90	400	-	4x215	43.640,00
	02227282	12	45/50	600	2120	100	600	-	4x215	59.600,00

VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER										
	02224663	8	70/75	600	1550	90	400	100	4x215	43.850,00
	02227263	12	45/50	600	2070	100	600	150	4x215	59.390,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	02224683	8	70/75	600	1660	90	400	100	4x215	47.380,00
	02227283	12	45/50	600	2240	100	600	150	4x215	64.220,00

	CODE	DESCRIPTION	PRICE (€)
	09010162	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	7.070,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 96

MS 8200 SUPER [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid Easy-Set tool bar



Main features

This vacuum precision planter is characterized by double rigid Easy-Set tool bar and low weight high robustness. This version is suitable for tilled or half-tilled soils. Despite its dimensions (about 9 m working width), this planter could be used with tractors with a medium power and it is available with a number of variable rows, from 12 to 18. This model can be supplied with an integrated transport device that allows it to be easily moved without difficulties (transport width 3.30 m) and that can be disassembled to unload the planter during work.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Double rigid Easy-Set tool bar for a quick modification of the row spacing (manual)
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
High/low seed density kit (Z17-Z13)
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Double centralized gearbox 21 ratios
Double transmission
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Planting unit shifting lever

NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm. 1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter or double disc coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23 x 10.50-12 (230 mm)

MS 8200 SUPER

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid Easy-Set tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	02227650	12	75	900	2110	150	600	-	-	58.070,00
	02228650	18	45	900	2770	160	900	-	-	76.490,00

VERSION WITH MICROGRANULATOR										
	02227651	12	75	900	2260	150	600	150	-	63.860,00
	02228651	18	45	900	2950	160	900	225	-	84.030,00

VERSION WITH FERTILIZER AND SHOE COULTER										
	02227662	12	75	900	2510	150	600	-	6x215	66.470,00
	02228662	18	45	900	3250	160	900	-	6x215	87.710,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	02227682	12	75	900	2680	150	600	-	6x215	71.680,00
	02228682	18	45	900	3500	160	900	-	6x215	95.910,00

VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER										
	02227663	12	75	900	2720	150	600	150	6x215	71.940,00
	02228663	18	45	900	3430	160	900	225	6x215	94.870,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	02227683	12	75	900	2890	150	600	150	6x215	77.190,00
	02228683	18	45	900	3680	160	900	225	6x215	102.740,00

	CODE	DESCRIPTION	PRICE (€)
	09010160	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	9.250,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 96

MS 8230 [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar



Available
in the standard
equipment

Main features

The MS 8230 mounted planter is extremely versatile, allowing to reduce transport widths even for planters with a working width of 6 m, thanks to the Hydraulic EASY-SET System (patented by MaterMacc) and folding tool bar. This system together with interchangeable distance rods allows the users to change the distance the rows easily without particular efforts.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Hydraulic folding Easy-Set tool bar
Transport width from 2.54 m a 3.00 m
Safety device against accidental opening of the tool bar
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 750 rpm (for planters up to 7 rows)(*);
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic row marker with disc (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
One set of Easy-Set spacing rods (specify row spacing)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Element lifting lever

NOTE: Hydraulic connection from the tractor, minimum 2

(*) The planter is equipped with standard pulley 540 rpm.
750 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with central- ized adjustment
Adjustable standard or double disc coulters with reinforced tool bar
Additional 750 R.p.M. fan



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20 x 8.00-10 (200 mm)

MS 8230

CONFIGURATIONS ON PAGE 10

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar

	CODE	N° ROWS	CONFIGURATIONS (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION (Pdp standard; 540 Rpm)										
	02422650	6	6x45/50 → 6x75	254/400	1040	70	300	-	-	32.380,00
	02423050	6	6x45 → 6x80	300/445	1100	70	300	-	-	32.770,00
	02423650 [*]	7	7x50 → 6x75	254/400	1140	80	350	-	-	36.480,00
	02423850 [*]	7	7x50/60 → 6x80	300/445	1190	80	350	-	-	36.870,00
VERSION WITH MICROGRANULATOR (Pdp standard; 540 Rpm)										
	02422651	6	6x45/50 → 6x75	254/400	1100	70	300	75	-	35.140,00
	02423051	6	6x45 → 6x80	300/445	1170	70	300	75	-	35.630,00
	02423651 [*]	7	7x50 → 6x75	254/400	1220	80	350	88	-	39.800,00
	02423851 [*]	7	7x50/60 → 6x80	300/445	1270	80	350	88	-	40.290,00
VERSION WITH FERTILIZER AND SHOE COULTER (Pdp standard; 750 Rpm)										
	02422662	6	6x45/50 → 6x75	254/400	1200	70	300	-	2x165	36.440,00
	02423062	6	6x45 → 6x80	300/445	1260	70	300	-	2x215	37.060,00
	02423662 [*-#]	7	7x50 → 6x75	254/400	1320	80	350	-	2x165	40.950,00
	02423862 [*-#]	7	7x50/60 → 6x80	300/445	1370	80	350	-	2x215	41.560,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER (Pdp standard; 750 Rpm)										
	02422682	6	6x45/50 → 6x75	254/400	1285	70	300	-	2x165	40.500,00
	02423082	6	6x45 → 6x80	300/445	1345	70	300	-	2x215	41.170,00
	02423682 [*-#]	7	7x50 → 6x75	254/400	1420	80	350	-	2x165	45.210,00
	02423882 [*-#]	7	7x50/60 → 6x80	300/445	1470	80	350	-	2x215	45.880,00
VERSION WITH FERTILIZER, MICROGRANULATOR AND SHOE COULTER (Pdp standard; 750 Rpm)										
	02422663	6	6x45/50 → 6x75	254/400	1270	70	300	75	2x165	39.100,00
	02423063	6	6x45 → 6x80	300/445	1330	70	300	75	2x215	40.130,00
	02423663 [*-#]	7	7x50 → 6x75	254/400	1400	80	350	88	2x165	43.980,00
	02423863 [*-#]	7	7x50/60 → 6x80	300/445	1640	80	350	88	2x215	45.010,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR (Pdp standard; 750 Rpm)										
	02422683	6	6x45/50 → 6x75	254/400	1355	70	300	75	2x165	42.900,00
	02423083	6	6x45 → 6x80	300/445	1415	70	300	75	2x215	43.970,00
	02423683 [*-#]	7	7x50 → 6x75	254/400	1500	80	350	88	2x165	48.090,00
	02423883 [*-#]	7	7x50/60 → 6x80	300/445	1740	80	350	88	2x215	49.160,00

[*] Requires the accessory code 18120000 (See page 109) to ensure the correct operation of the pneumatic system.

[#] Fertilizer only on 6 rows

PLEASE INDICATE THE WHEEL TRACK WIDTH IN RELATION THAT OF THE TRACTOR

ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

MS 8230 (8-12 F) [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar



Main features

The MS 8230 mounted planter is extremely versatile, allowing to reduce transport widths even for planters with a working width of 6 m, thanks to the Hydraulic EASY-SET System (patented by MaterMacc) and folding tool bar. This system together with interchangeable distance rods allows the users to change the distance the rows easily without particular efforts.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
V-closing wheels 1"
Hydraulic folding Easy-Set tool bar
Transport width from 3.00 m (8 rows) a 3.20 m (12 rows)
Safety device against accidental opening of the tool bar
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic row marker with disc (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
One set of Easy-Set spacing rods (specify row spacing)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Element lifting lever

NOTE: Hydraulic connection from the tractor, minimum 2

(*) The planter is equipped with standard pulley 540 rpm.
1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



Available in the standard
equipment

FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20 x 8.00-10 (200 mm)

MS 8230 (8-12 F) CONFIGURATIONS ON PAGE 10

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar

	CODE	N° ROWS	CONFIGURATIONS (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION (Pdp standard; 540 Rpm)										
	02424450 [*]	8	8x45/50 → 6x75	300/445	1280	90	400	-	-	36.790,00
	02724650 [A]	8	8x45/50 → 8x75	300/590	1370	100	400	-	-	38.620,00
	02425550 [*]	9	9x45/50 → 6x75/80	320/465	1370	100	450	-	-	38.090,00
	02725650 [A-.*]	9	9x45 → 8x80	320/610	1430	100	450	-	-	42.060,00
	02727050 [*-◇-A]	11	11x45/50 → 9x70	320/610	1640	110	550	-	-	48.620,00
	02727250 [*-◇-A]	12	12x45/50 → 8x75/80	320/610	1700	110	600	-	-	51.920,00

VERSION WITH MICROGRANULATOR (Pdp standard; 540 Rpm)										
	02424451 [*]	8	8x45/50 → 6x75	300/445	1360	90	400	100	-	40.320,00
	02724651 [A]	8	8x45/50 → 8x75	300/590	1460	100	400	100	-	42.100,00
	02425551 [*]	9	9x45/50 → 6x75/80	320/465	1460	100	450	113	-	43.510,00
	02725651 [*-A]	9	9x45 → 8x80	320/610	1520	100	450	113	-	46.770,00
	02727051 [*-◇-A]	11	11x45/50 → 9x70	320/610	1740	110	550	138	-	53.920,00
	02727251 [*-◇-A]	12	12x45/50 → 8x75/80	320/610	1830	110	600	150	-	57.440,00



[A] Removable arms, 900mm section removable on each arm

[*] Requires the accessory code 18120000 (See page 109) to ensure the correct operation of the pneumatic system.

[◇] Narrow depth gauge wheels installed

PLEASE INDICATE THE WHEEL TRACK WIDTH IN RELATION THAT OF THE TRACTOR

ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

MS 8230 MIDI [CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double hydraulic folding Easy-Set tool bar



Available
in the standard
equipment



Main features

The MIDI mounted precision planter brings together all the already described features of the MS 8230, a fertilizer tank with a capacity of over 1200 L and centralized control of the amounts distributed, a pneumatic transport system over all rows able to work with any row spacing.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000-MY 2022 type
Cast arm with Quick-Set adjustment system
V-closing wheels 1"
Additional fan
Pneumatic volumetric metering unit and fertilizer tanks in stainless steel
Fertilizer spreading centralized adjustment with 23 ratios
Hydraulic folding Easy-Set double tool bar
Transport width from 2.54 m (6 rows) a 3.20 m (12 rows)
Safety device against accidental opening of the tool bar
P.d.p. 750 rpm (for planters up to 7 rows)(*);
P.d.p. 1000 rpm (for planters with more than 7 rows)(*)
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
Hydraulic row marker with disc (specify if marking on center tractor or on wheel track)
Centralized gearbox 21 ratios
One set of seed plates (indicate Nr of holes and Ø)
One set of Easy-Set spacing rods (specify row spacing)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Element lifting lever

NOTE: Hydraulic connection from the tractor, minimum 2

(*) The planter is equipped with standard pulley 750 rpm. 1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 20 x 8.00-10 (200 mm)

MS 8230 MIDI CONFIGURATIONS ON PAGE 10

VACUUM PRECISION PLANTERS - Double hydraulic folding Easy-Set tool bar

	CODE	N° ROWS	CONFIGURATIONS (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	stainless steel spreader	
BASIC VERSION WITH MIDI FERTILIZER AND DOUBLE DISC COULTER										
 	02422692	6	6x45 → 6x75	254/400	1570	90	300	-	1x1000	42.050,00
	02423692 [*]	7	7x50 → 6x75	254/400	1690	100	350	-	1x1000	44.750,00
	02423892 [*]	7	7x50 → 6x75/80	300/445	1710	100	350	-	1x1280	46.040,00
	02724692 [A]	8	8x45/50 → 8x75	300/590	1850	120	400	-	1x1280	53.420,00
	02725692 [*-A]	9	9x45/50 → 8x80	320/610	1970	120	450	-	1x1280	57.830,00
	02727092 [*-Ø-A]	11	11x45/50 → 9x70	320/610	2190	120	550	-	1x1280	65.190,00
	02727292 [*-Ø-A]	12	12x45/50 → 8x75/80	320/610	2250	120	600	-	1x1280	68.930,00

BASIC VERSION WITH MIDI FERTILIZER, MICROGRANULATOR AND DOUBLE DISC COULTER										
	02422693	6	6x45 → 6x75	254/400	1600	90	300	75	1x1000	43.350,00
	02423693 [*]	7	7x50 → 6x75	254/400	1770	100	350	88	1x1000	46.620,00
	02423893 [*]	7	7x50 → 6x75/80	300/445	1790	100	350	88	1x1280	47.800,00
	02724693 [A]	8	8x45/50 → 8x75	300/590	1930	120	400	100	1x1280	56.040,00
	02725693 [*-A]	9	9x45/50 → 8x80	320/610	2090	120	450	113	1x1280	62.340,00
	02727093 [*-◇-A]	11	11x45/50 → 9x70	320/610	2380	120	550	138	1x1280	67.500,00
	02727293 [*-◇-A]	12	12x45/50 → 8x75/80	320/610	2470	120	600	150	1x1280	73.500,00



[A] Removable arms, 900mm section removable on each arm

[*] Requires mandatory purchase of the accessory code 18120000 (See page 109) to ensure proper on each working planting unit.
[◇] Narrow depth gauge wheels installed

	CODE	DESCRIPTION	PRICE (€)
	09045115	Surcharge for 1000dmc MIDI STEP-LESS GEARBOX	1.410,00
	09045116	Surcharge for 1280dmc MIDI STEP-LESS GEARBOX	1.710,00
	09046007	Surcharge for electric fertilizer drive with two-engine MiPlus system with prestart and prestop	1.820,00
	NOTE	Mandatory to added MiPlus seed electronic control (see page 103) to link it	

ACCESSORIES on page 96

3XL 800 [CORN, SUNFLOWER, BEAN BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Modular frame



Main features

This planter was designed for big farms, suitable for sowing of main crops on tilled soil. The main tool bar is equipped with large support and transport wheels, it is also completed with hoisting and oscillating device where the planters are hitched on.

The tool bar includes two draw bars, one for road transport and one to be used in working position. The reduced road transport width (3.75 meter) allows it to be move without difficulties.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000 MY 2022 type
Cast arm with Quick-Set adjustment system
V-closing wheels 1"
Double gear box with 21 ratios
Vacuum meter
Led road light kit and panels red/white
High/low seed density kit (Z17-Z13)
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Seed hopper capacity: 70 L (50 L for 45 cm row distance)
Seeding monitor: Monotronic 32

EQUIPMENT TOOL BAR

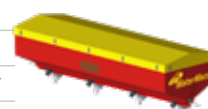
2 independent drill hitches with compensator
4 wheels meas. 480/45-17
Fan hydraulic drive tractor dependent (*)
Drawbar connection to tractor
Transportation width 3.75 m
2 towing devices

NOTE: Hydraulic connection from the tractor, minimum 3

[*] The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Stainless steel metering unit support base with shaker
Volumetric metering unit
Quantity adjustment with endless variator
Adjustable standard double disc couler



ACCESSORIES

1000 rpm; pump fitting Z6 1" 3/8;
200 L oil tank, integrated in the tool bar
Hydraulic three-section row marker with disc

Tractor features:

- Towing hitch
- Automatic parallel runner suggested (RTK)
- 3 double-acting and 1 free return hydraulic distributors

FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 8 of 23 x 10.50-12 (230 mm)

3XL 800

CONFIGURATIONS ON PAGE 11

VACUUM PRECISION PLANTERS - Modular frame

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
								seed	micro	fertil	

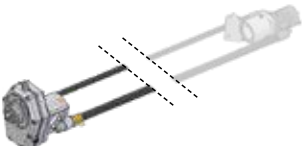
BASIC VERSION

	02916350	3XL 816	16 (A)	70	1200	6400	160	1120	-	-	130.110,00
	02924150	3XL 824	24 (A)	45	1200	7400	200	1200	-	-	149.300,00
	02924350	3XL 824-S	24 (B)	70	1700	7800	240	1680	-	-	187.740,00
	02932150	3XL 832	32 (B)	45	1500	8300	250	1600	-	-	212.110,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER

	02916362	3XL 816	16 (A)	70	1200	7500	160	1120	-	4x930	159.380,00
	02918162[●]	3XL 824	24 (A)	45	1200	9050	200	1200	-	4x930	184.820,00
	02924362	3XL 824-S	24 (B)	70	1700	9500	240	1680	-	4x1410	228.170,00
	02932162[●]	3XL 832	32 (B)	45	1500	10200	250	1600	-	4x1150	258.020,00

[●] Turbo disc Ø 380 not applicable (see code 09020105 on page 98)

	CODE	DESCRIPTION	PRICE (€)
	09060145	Independent hydraulic vacuum system drive	3.820,00
	09070180	Kit 3XL row marker [for (A)]	8.490,00
	09070185	Kit 3XL row marker [for (B)]	9.680,00

ACCESSORIES on page 96



VACUUM PRECISION PLANTERS SERIES EVO



MS 8000 EVO

Planting unit for conventional agriculture
or minimum tillage also with crop residues
on the soil surface

Ideal working speed: 11-12 Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

MS 8130 EVO [CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Telescopic tool bar



Available
in the standard
equipment

Main features

The EVO series is characterized by a planting unit specially designed to work at speeds between 6 km/h and 12 km/h, while maintaining the compactness, strength and low weight of the MS 8000 series. This vacuum precision planter with a hydraulic telescopic tool bar permits the user to change directly from working position into transport position.

STANDARD EQUIPMENT BASIC VERSION

8000-EVO type planting unit

"Plus" distributor with 360° seal

V-closing wheels 1"

Spoked depth wheels

Telescopic tool bar

3 point hitch

P.d.p. 750 rpm as standard

Drive shaft with free wheel 1" 3/8 Z6-Z6
(718 mm length)

MiPlus electronic control system

Tablet Android 10"

Automatic, hydraulic disc row maker (specify if marking
on center tractor or on wheel track)

Led road light kit and panels red/white

High/low seed density kit (Z17-Z13)

Centralized gearbox 21 ratios

One set of EVO type seed plates (indicate Nr of holes and Ø)

Seed emptying collector

Ejector for minute seeds (each row)

NOTE: Hydraulic connection from the tractor, minimum 2

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows

Plastic hopper 25 L capacity

Volumetric metering unit with adjustment

Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted 1185 L hopper

Stainless steel metering units support

Volumetric metering unit with central-
ized adjustment

Double disc coulters + reinforced tool bar

Additional fan for pneumatic transport



FUNCTIONALITIES- MiPlus

App supported by Android7 and iOS 12
or newer (wireless connectivity)

Planting quality check according to
ISO 7256/1

Working speed and productivity detection

Diagnostics and history database

Vacuum and fan speed control

NOTE: Speed reading by the wheel sensor;



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: Two 23x10.50-12

MS 8130 EVO

CONFIGURATIONS ON PAGE 9

VACUUM PRECISION PLANTERS - Telescopic tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	
BASIC VERSION										
	05622750	6	70	300/410	1320	90	300	-	-	32.040,00
	05622850	6	75	300/410	1320	90	300	-	-	32.250,00
	05622950	6	80	320/430	1320	90	300	-	-	32.790,00
	05633450	7	50	300/410	1520	100	350	-	-	35.390,00
	05633550	7	60	320/430	1520	100	350	-	-	35.950,00
VERSION WITH MICROGRANULATOR										
	05622751	6	70	300/410	1360	90	300	75	-	34.630,00
	05622851	6	75	300/410	1420	90	300	75	-	34.850,00
	05622951	6	80	320/430	1430	90	300	75	-	35.390,00
	05633451	7	50	300/410	1460	100	350	88	-	38.430,00
	05633551	7	60	320/430	1460	100	350	88	-	38.970,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	05622782	6	70	300/410	1570	90	300	-	1x1185	39.630,00
	05622882	6	75	300/410	1650	90	300	-	1x1185	39.840,00
	05622982	6	80	320/430	1670	90	300	-	1x1185	40.380,00
	05633482	7	50	300/410	1690	100	350	-	1x1185	43.960,00
	05633582	7	60	320/430	1710	100	350	-	1x1185	44.500,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	05622783	6	70	300/410	1650	90	300	75	1x1185	42.220,00
	05622883	6	75	300/410	1740	90	300	75	1x1185	42.450,00
	05622983	6	80	320/430	1750	90	300	75	1x1185	43.210,00
	05633483	7	50	300/410	1780	100	350	88	1x1185	46.990,00
	05633583	7	60	320/430	1790	100	350	88	1x1185	47.530,00

NOTE: Models fitted with MiPlus electronic control system cannot be made ISOBUS compliant.

NOTE: Odd configurations fertilize on all 7 rows.

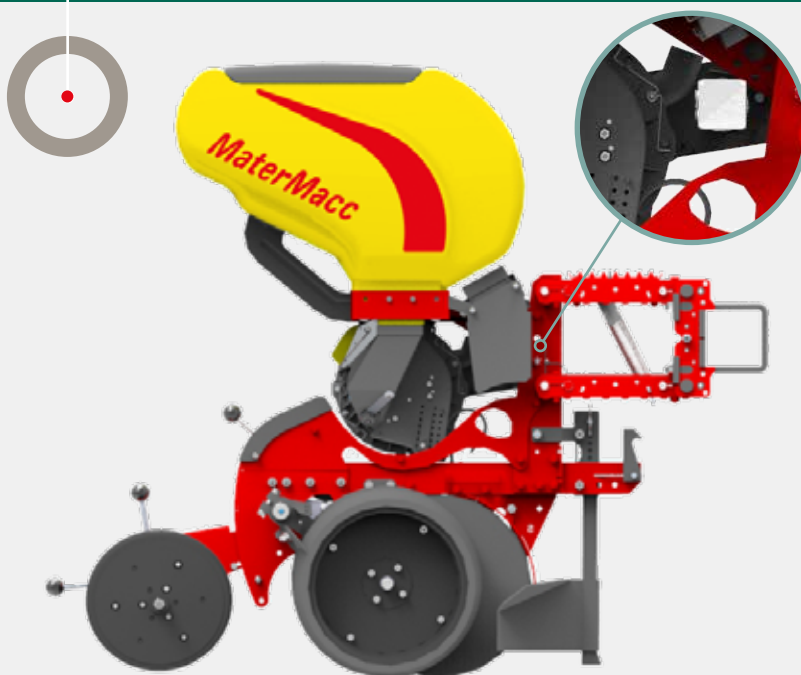
ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.





VACUUM PRECISION PLANTERS SERIES ELEKTRO



MS 8000 ELEKTRO

The MS 8000 planting unit with independent electrical transmission ensures constant distribution

Ideal working speed: 7-8 Km/h
(maximum speed 10 km/h)



NOTE: The ELEKTRO versions can be transformed with the EVO element.
It is also possible to transform into ELEKTRO other MS planters not present in the following price list, the conversion price is 2100 €/row; contact the manufacturer for feasibility.

WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

MS 8100 SUPER ELEKTRO

[CORN, SUNFLOWER, SOYBEAN,
BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid tool bar



Press wheel Ø 330 mm with in-between (OPTIONAL)

Main features

This vacuum precision planter is characterized by double rigid Easy-Set tool bar and low weight high robustness. This version is suitable for tilled or half-tilled soils. Despite its dimensions (about 9 m working width), this planter could be used with tractors with a medium power and it is available with a number of 12 rows. The transport device allows a transport width of 3.30 m and can be disassembled to lighten the planter during work. The electric system of the transmission guarantees instantaneous seeding during restarts and cancellation of slippage. It is possible to automatically adjust the seeding rate based on GPS coordinates (uniform rate across the working width) and to interrupt each single planting unit. The absence of a battery dedicated to the electrical system eliminates the need for specific maintenance.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000 ELEKTRO
V-closing wheels 1"
Double rigid tool bar
3 point hitch
Cast arm with Quick-Set adjustment system
P.d.p. 540 rpm (assembled on the fan); P.d.p. 1000 rpm (for planters with more than 7 rows) ⁽¹⁾
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Electric transmission with ISOBUS system and engine ECU for single row (monitor not included)
Tractor-independent machine power supply with dedicated generator
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)

Seed emptying collector

NOTE: - Tractor requires a rear Isobus* socket
- Hydraulic connection from the tractor, minimum 1

⁽¹⁾ The planter is equipped with standard pulley 540 rpm.
1000 rpm pulleys are provided not installed on the planter.

* : see page 251 for device compatibility

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter or double disc coulter
Mechanical gear transmission



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23 x 10.50-12 (230 mm)

MS 8100 SUPER ELEKTRO

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

BASIC VERSION

	02147650	12	70/75	900	1880	150	600	-	-	75.510,00
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VERSION WITH FERTILIZER AND SHOE COULTER

	02147662	12	70/75	900	2270	150	600	-	6x215	83.590,00
--	-----------------	----	-------	-----	------	-----	-----	---	-------	------------------

VERSION WITH FERTILIZER DOUBLE DISC COULTER

	02147682	12	70/75	900	2440	150	600	-	6x215	88.750,00
--	-----------------	----	-------	-----	------	-----	-----	---	-------	------------------

	CODE	DESCRIPTION	PRICE (€)
	09010160	Integrated hydraulic transport device (transport width 3.3 m) with board lights and tables	9.250,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 96

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MS 8100 SUPER-L ELEKTRO

[CORN, SUNFLOWER, SOYBEAN,
BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Triple rigid tool bar



Main features

Vacuum precision planter characterised by triple rigid tool bar that guarantees robustness and low weight. This version is suitable for sowing the main crops on tilled or half-tilled soils, with a maximum working width of 12 m.

The electric system of the transmission guarantees instantaneous seeding during restarts and cancellation of slippage. It is possible to automatically adjust the seeding rate based on GPS coordinates (uniform rate across the working width) and to interrupt each single planting unit. The absence of a battery dedicated to the electrical system eliminates the need for specific maintenance.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000 ELEKTRO
V-closing wheels 1"
Triple rigid tool bar
3 point hitch Cat. III ISO 730
200 mm 1-2-3 point hitch extensions
Cast arm with Quick-Set adjustment system
Fan hydraulic drive tractor dependent ⁽¹⁾
Vacuum meter
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
Electric transmission with ISOBUS system and engine ECU for single row (monitor not included)
Tractor-independent machine power supply with dedicated generator
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector

NOTE: - Tractor requires a rear Isobus* socket
- Hydraulic connection from the tractor, minimum 2

*: see page 251 for device compatibility

⁽¹⁾ The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
Adjustable standard coulter or double disc coulter
Mechanical gear transmission



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 23 x 10.50-12 (230 mm)

MS 8100 SUPER-L ELEKTRO

CONFIGURATIONS ON PAGE 11

VACUUM PRECISION PLANTERS - Triple rigid tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

BASIC VERSION

	02148450	16	70/75	1200	3580	200	800	-	-	110.690,00
--	----------	----	-------	------	------	-----	-----	---	---	------------

VERSION WITH FERTILIZER AND SHOE COULTER

	02148462	16	70/75	1200	4020	200	800	-	4x580	128.530,00
--	----------	----	-------	------	------	-----	-----	---	-------	------------

VERSION WITH FERTILIZER DOUBLE DISC COULTER

	02148482	16	70/75	1200	4240	200	800	-	4x580	135.520,00
--	----------	----	-------	------	------	-----	-----	---	-------	------------

	CODE	DESCRIPTION	PRICE (€)
	09010161	Integrated hydraulic transport device (transport width 3.4 m) with board lights and tables	10.000,00
	NOTE	NOT compatible with the adjustable wheels kit code 09010075	

ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

MS 8100 FF ELEKTRO [CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

PNEUMATIC PRECISION PLANTERS - Front folding frame



Available
in the standard
equipment

Main features

Precision planter with front hydraulic folding frame. Electric "full" transmission system that guarantees instant sowing, fertilization and microgranulation and eliminates slippage. The system is autonomous and without battery, but capacitors, and does not require routine maintenance. EVO units for a seeding speed up to 12Km/h according to ISO 7256-1.

STANDARD EQUIPMENT BASIC VERSION

8000-ELEKTRO EVO type sowing unit

V-closing wheels 1"

Hydraulic frame for: telescopic drawbar, front folding and sequential movement of transport wheels

Transport width from 3 m

Cast arm with Quick-Set adjustment system

3 point hitch

P.d.p. 750 rpm

Drive shaft with free wheel 1" 3/8 Z6-Z6
(718 mm length)

Vacuum meter

Led road light kit and panels red/white

ISOBUS compliant* electric motor ECU and electric transmission on each row (virtual terminal not included)

Maintenance-free, tractor independent power supply; no battery required

One set of EVO type seed plates (indicate Nr of holes and Ø)

Seed emptying collector

Ejector for minute seeds (each row)

NOTE: - The tractor requires a rear ISOBUS socket and at least 3 double-acting hydraulic valves on the tractor. Parallel RTK au-

toguiding with centimetre accuracy is strongly recommended

(*): See page 251 for compatibility table

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows

Plastic hopper 25 L capacity

Volumetric metering unit with adjustment

ISOBUS electric drive

Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper

Stainless steel metering units support

Volumetric metering unit with centralized adjustment

ISOBUS electric drive

System integrated into the watertight hopper with inspection windows

Adjustable standard coulter

Pneumatic fertilizer distribution on all rows



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 10.5x18 (270 mm)

MS 8100 FF ELEKTRO

CONFIGURATIONS ON PAGE 9

PNEUMATIC PRECISION PLANTERS - Front folding frame

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

VERSION WITH FERTILIZER DOUBLE DISC COULTER

	02874582	8	70	300/600	3280	100	400	-	2300	84.010,00
	02874682	8	75	300/600	3310	100	400	-	2300	84.010,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR

	02874583	8	70	300/600	3380	100	400	100	2300	91.880,00
	02874683	8	75	300/600	3410	100	400	100	2300	91.880,00



ACCESSORIES on page 96

MS 8130 ELEKTRO

[CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Telescopic tool bar



Main features

The hydraulic telescopic tool bar allows to shift easily and quickly from working position into transport position. The planter is very compact and has a low overhanging weight. The electric system of the transmission guarantees instantaneous seeding during restarts and cancellation of slippage. It is possible to automatically adjust the seeding rate based on GPS coordinates (uniform rate across the working width) and to interrupt each single planting unit. The absence of a battery dedicated to the electrical system eliminates the need for specific maintenance.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000 ELEKTRO

V-closing wheels 1"
Telescopic frame
3 point hitch
P.d.p. 540 rpm (assembled on the fan); P.d.p. 750 rpm (for planters up to 7 rows)[1]
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
ISOBUS compliant* electric motor ECU and electric transmission on each row (virtual terminal not included)
Maintenance-free, tractor independent power supply; no battery required
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
NOTE: - The tractor requires a rear ISOBUS* socket - At least 2 hydraulic distributors are required on the tractor

[1] The machine is equipped with a 540 rpm pulley as standard. 750 rpm pulleys are provided not installed on the planter.
(*): See page 251 for compatibility table

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
ISOBUS electric drive
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Stainless steel metering units support
Volumetric metering unit with centralized adjustment
Adjustable standard or double disc coulter with reinforced tool bar
Pneumatic fertilizer distribution for external rows
Additional fan
P.d.p. 750 rpm



FIELD SET-UP (see page 3)

WHEELS FROM: 2 of 20x8.00-10 (200 mm)

MS 8130 ELEKTRO

CONFIGURATIONS ON PAGE 9

VACUUM PRECISION PLANTERS - Telescopic tool bar

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	02642750	6	70	300/410	920	80	300	-	-	34.590,00
	02642850	6	75	300/410	920	80	300	-	-	34.810,00
	02642950	6	80	320/430	950	80	300	-	-	35.020,00
VERSION WITH MICROGRANULATOR										
	02642752	6	70	300/410	980	80	300	75	-	39.190,00
	02642852	6	75	300/410	980	80	300	75	-	39.360,00
	02642952	6	80	320/430	1010	80	300	75	-	39.520,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	02642785	6	70	300/410	1230	80	300	-	2x215	43.970,00
	02642885	6	75	300/410	1230	80	300	-	2x215	44.190,00
	02642985	6	80	320/430	1260	80	300	-	2x215	44.420,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	02642786	6	70	300/410	1290	80	300	75	2x215	47.000,00
	02642886	6	75	300/410	1290	80	300	75	2x215	47.310,00
	02642986	6	80	320/430	1320	80	300	75	2x215	47.640,00



Available in the standard equipment

ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

MS 8230 ELEKTRO

[CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar



Main features

The MS 8230 planters are very versatile mounted machines. The hydraulic management of the EASY-SET system (MaterMacc patent) and of the folding frame allows for reduced road dimensions even with working widths of 6 meters. This system together with interchangeable distance rods allows the users to change the distance the rows easily without particular efforts. The electric system of the transmission guarantees instantaneous seeding during restarts and cancellation of slippage. It is possible to automatically adjust the seeding rate based on GPS coordinates (uniform rate across the working width) and to interrupt each single planting unit. The absence of a battery dedicated to the electrical system eliminates the need for specific maintenance.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000 ELEKTRO

V-closing wheels 1"
Hydraulic folding Easy-Set tool bar
Transport width from 2.54 m a 3.00 m
Safety device against accidental opening of the tool bar
New cast wheel support Quick-Set system
P.d.p. 540 rpm (assembled on the fan);
P.d.p. 750 rpm (for planters up to 7 rows)[*];
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
Hydraulic row marker with disc (specify if marking on center tractor or on wheel track)
ISOBUS compliant* electric motor ECU and electric transmission on each row (virtual terminal not included)
Maintenance-free, tractor independent power supply; no battery required
One set of seed plates (indicate Nr of holes and Ø)
One set of Easy-Set spacing rods (specify row spacing)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Element lifting lever

NOTE: - The tractor needs an ISOBUS* back socket
- At least 2 hydraulic distributors are required on the tractor

[*] The machine is equipped with a 540 rpm pulley as standard. 750 rpm pulleys are provided not installed on the planter.
[*]: See page 251 for compatibility table

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
ISOBUS electric drive
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Stainless steel metering units support
Volumetric metering unit with centralized adjustment
ISOBUS electric drive
Adjustable standard or double disc coulter with reinforced tool bar
Pneumatic transport with additional fan
P.d.p. 750 rpm



FIELD SET-UP (see page 3)

WHEELS FROM : 2 of 20x8.00-10 (200 mm)

MS 8230 ELEKTRO

CONFIGURATIONS ON PAGE 10

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar

	CODE	N° ROWS	CONFIGURATIONS (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	02442650	6	6x45/50 → 6x75	254/400	1010	70	300	-	-	42.250,00
	02443050	6	6x45 → 6x80	300/445	1070	70	300	-	-	42.630,00
	02443650 [*]	7	7x50 → 6x75	254/400	1110	80	350	-	-	47.790,00
	02443850 [*]	7	7x50/60 → 6x80	300/445	1160	80	350	-	-	48.170,00
VERSION WITH MICROGRANULATOR										
	02442652	6	6x45/50 → 6x75	254/400	1070	70	300	75	-	46.760,00
	02443052	6	6x45 → 6x80	300/445	1140	70	300	75	-	47.270,00
	02443652	7	7x50 → 6x75	254/400	1190	80	350	88	-	53.390,00
	02443852	7	7x50/60 → 6x80	300/445	1240	80	350	88	-	53.890,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	02442685	6	6x45/50 → 6x75	254/400	1250	70	300	-	2x165	52.700,00
	02443085	6	6x45 → 6x80	300/445	1310	70	300	-	2x215	53.370,00
	02443685 [#]	7	7x50 → 6x75	254/400	1390	80	350	-	2x165	58.840,00
	02443885 [#]	7	7x50/60 → 6x80	300/445	1440	80	350	-	2x215	59.510,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR										
	02442686	6	6x45/50 → 6x75	254/400	1320	70	300	75	2x165	56.690,00
	02443086	6	6x45 → 6x80	300/445	1380	70	300	75	2x215	57.770,00
	02443686 [#]	7	7x50 → 6x75	254/400	1470	80	350	88	2x165	63.860,00
	02443886 [#]	7	7x50/60 → 6x80	300/445	1710	80	350	88	2x215	64.940,00



Available in the standard equipment

[*] Requires mandatory purchase of the accessory code 18120000 (See page 109) to ensure proper on each working planting unit.
[#] 6 fertilizer coulters only

PLEASE INDICATE THE WHEEL TRACK WIDTH IN RELATION THAT OF THE TRACTOR

ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

MS 8230 ELEKTRO (8-12 F) [CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar



Main features

The MS 8230 planters are very versatile mounted machines. The hydraulic management of the EASY-SET system (MaterMacc patent) and of the folding frame allows for reduced road dimensions even with working widths of 6 meters. This system together with interchangeable distance rods allows the users to change the distance the rows easily without particular efforts. The electric system of the transmission guarantees instantaneous seeding during restarts and cancellation of slippage. It is possible to automatically adjust the seeding rate based on GPS coordinates (uniform rate across the working width) and to interrupt each single planting unit. The absence of a battery dedicated to the electrical system eliminates the need for specific maintenance.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000 ELEKTRO
V-closing wheels 1"
Hydraulic folding Easy-Set tool bar
Transport width from 3.00 m (8 file) a 3.20 m (12 file)
Safety device against accidental opening of the tool bar

New cast wheel support Quick-Set system

P.d.p. 540 rpm (assembled on the fan);
P.d.p. 1000 rpm (for planters with more than 7 rows)[1]
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white

ISOBUS compliant* electric motor ECU and electric transmission on each row (virtual terminal not included)

Maintenance-free, tractor independent power supply; no battery required

Hydraulic row marker with disc (specify if marking on center tractor or on wheel track)
One set of seed plates (indicate Nr of holes and Ø)
One set of Easy-Set spacing rods (specify row spacing)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Element lifting lever

NOTE: - The tractor requires a rear ISOBUS* socket
- At least 2 hydraulic distributors are required on the tractor

[1] The machine is equipped with a 540 rpm pulley as standard. 1000 rpm pulleys are provided not installed on the planter.

(*): See page 251 for compatibility table

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
ISOBUS electric drive
Inside-furrow distribution



FIELD SET-UP (see page 3)

WHEELS FROM: 2 of 20x8.00-10 (200 mm)

MS 8230 ELEKTRO (8-12 F) CONFIGURATIONS ON PAGE 10

VACUUM PRECISION PLANTERS - Hydraulic folding Easy-Set tool bar

	CODE	N° ROWS	CONFIGURATIONS (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L) seed micro fertil			PRICE (€)
BASIC VERSION										
	02444450 [*]	8	8x45/50 → 6x75	300/445	1280	90	400	-	-	49.820,00
	02744650 [A]	8	8x45/50 → 8x75	300/590	1330	100	400	-	-	51.630,00
	02445550 [*]	9	9x45/50 → 6x75/80	320/465	1370	100	450	-	-	52.710,00
	02745650 [*-A]	9	9x45 → 8x80	320/610	1430	100	450	-	-	56.690,00
	02747050 [A-*-ø]	11	11x45/50 → 9x70	320/610	1640	110	550	-	-	66.510,00
	02747250 [A-*-ø]	12	12x45/50 → 8x75/80	320/610	1700	110	600	-	-	71.440,00
VERSION WITH MICROGRANULATOR										
	02444452 [*]	8	8x45/50 → 6x75	300/445	1360	90	400	100	-	55.660,00
	02744652 [A]	8	8x45/50 → 8x75	300/590	1460	100	400	100	-	57.430,00
	02445552 [*]	9	9x45/50 → 6x75/80	320/465	1460	100	450	113	-	60.990,00
	02745652 [*-A]	9	9x45 → 8x80	320/610	1520	100	450	113	-	64.280,00
	02747052 [A-*-ø]	11	11x45/50 → 9x70	320/610	1740	110	550	138	-	75.260,00
	02747252 [A-*-ø]	12	12x45/50 → 8x75/80	320/610	1830	110	600	150	-	80.430,00



Available
in the standard
equipment



[A] Removable arms, 900mm section removable on each arm

[*] Requires mandatory purchase of the accessory code 18120000 (See page 109) to ensure proper on each working planting unit.
[ø] Narrow depth gauge wheels installed

PLEASE INDICATE THE WHEEL TRACK WIDTH IN RELATION THAT OF THE TRACTOR

ACCESSORIES on page 96

MS 8230 MIDI ELEKTRO [CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double hydraulic folding Easy-Set tool bar



Main features

The MIDI series of MS 8230 seed drills has: stainless steel fertilizer tank of over 1200 litres, suitable for loading with auger, centralized regulation of the distributed quantities, pneumatic transport system on all rows and patented EASY-SET system. The electric system of the transmission guarantees instantaneous seeding during restarts and cancellation of slippage. It is possible to automatically adjust the seeding rate based on GPS coordinates (uniform rate across the working width) and to interrupt each single planting unit. The absence of a battery dedicated to the electrical system eliminates the need for specific maintenance.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000 ELEKTRO

New cast wheel support Quick-Set system

V-closing wheels 1"

Additional fan

Pneumatic volumetric metering unit, for fertilizer

Step-less speed gearbox, for fertilizer

Hydraulic folding Easy-Set tool bar

Transport width from 2.54 m (6 file) a 3.20 m (12 file)

Safety device against accidental opening of the tool bar

P.d.p. 750 rpm (for planters up to 7 rows)^[1];

P.d.p. 1000 rpm (for planters with more than 7 rows)^[1]

Drive shaft with free wheel 1" 3/8 Z6-Z6
(718 mm length)

Vacuum meter

Led road light kit and panels red/white

ISOBUS compliant* electric motor ECU and electric transmission on each row (virtual terminal not included)

Maintenance-free, tractor independent power supply; no battery required

Hydraulic row marker with disc (specify if marking on center tractor or on wheel track)

One set of seed plates (indicate Nr of holes and Ø)

One set of Easy-Set spacing rods (specify row spacing)

Partitioning wall for small seeds and dropping device

(each row)

Seed emptying collector

Element lifting lever

NOTE: - The tractor requires a rear ISOBUS* socket

- At least 2 hydraulic distributors are required on the tractor

^[1] The machine is equipped with a 750 rpm pulley as standard. 1000 rpm pulley is provided not installed on the planter.

(*): See page 251 for compatibility table

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows

Plastic hopper 25 L capacity

Volumetric metering unit with adjustment

ISOBUS electric drive

Inside-furrow distribution



FIELD SET-UP (see page 3)

WHEELS FROM: 2 of 20x8.00-10 (200 mm)

MS 8230 MIDI ELEKTRO [CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double hydraulic folding Easy-Set tool bar

	CODE	N° ROWS	CONFIGURATIONS (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil STAINLESS STEEL	
BASIC VERSION WITH PRO FERTILIZER AND DOUBLE DISC COULTER										
 	02442694	6	6x45 → 6x75	254/400	1570	100	300	-	1x1000	54.720,00
	02443694 [*]	7	7x50 → 6x75	254/400	1690	110	350	-	1x1000	56.700,00
	02443894 [*]	7	7x50 → 6x75/80	300/445	1710	110	350	-	1x1280	57.880,00
	02744694 [A]	8	8x45/50 → 8x75	300/590	1850	130	400	-	1x1280	69.150,00
	02745694 [*-A]	9	9x45 → 8x80	320/610	1970	130	450	-	1x1280	75.140,00
	02747094 [A-*.-◇]	11	11x45/50 → 9x70	320/610	2100	140	550	-	1x1280	85.800,00
	02747294 [A-*.-◇]	12	12x45/50 → 8x75/80	320/610	2220	140	600	-	1x1280	91.180,00

BASIC VERSION WITH PRO FERTILIZER, MICROGRANULATOR AND DOUBLE DISC COULTER										
	02442695	6	6x45 → 6x75	254/400	1600	100	300	75	1x1000	59.680,00
	02443695 [*]	7	7x50 → 6x75	254/400	1770	110	350	88	1x1000	64.170,00
	02443895 [*]	7	7x50 → 6x75/80	300/445	1790	110	350	88	1x1280	65.370,00
	02744695 [A]	8	8x45/50 → 8x75	300/590	1930	130	400	100	1x1280	73.900,00
	02745695 [*-A]	9	9x45 → 8x80	320/610	2090	130	450	113	1x1280	81.810,00
	02747095 [A-*.-◇]	11	11x45/50 → 9x70	320/610	2290	140	550	138	1x1280	90.770,00
	02747295 [A-*.-◇]	12	12x45/50 → 8x75/80	320/610	2440	140	600	150	1x1280	96.130,00



[A] Removable arms, 900mm section removable on each arm

[*] Requires mandatory purchase of the accessory code 18120000 (See page 109) to ensure proper on each working planting unit.
[◇] Narrow depth gauge wheels installed



Available
in the standard
equipment

ACCESSORIES on page 96

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc S.p.A.**

MS 8230 SUPER ELEKTRO

[CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

PNEUMATIC PRECISION PLANTERS - Triple hydraulic folding Easy-Set tool bar



Main features

Precision seeder with variable hydraulic inter-row setting with working width up to 9 meters. Electric transmission system that guarantees instant sowing and eliminates slippage. The system is autonomous and without battery, but capacitors, and does not require routine maintenance. EVO units for a seeding speed up to 12Km/h according to ISO 7256-1.

STANDARD EQUIPMENT BASIC VERSION

8000-ELEKTRO EVO type sowing unit

Cast arm with Quick-Set adjustment system

V-closing wheels 1"

Triple hydraulic folding Easy-Set tool bar

Transport width from 3.20 m

Safety device against accidental opening of the tool bar

P.d.p. 750 rpm

Drive shaft with free wheel 1" 3/8 Z6-Z6
(718 mm length)

Vacuum meter

Led road light kit and panels red/white

ISOBUS compliant* electric motor ECU and electric transmission on each row (virtual terminal not included)

**Maintenance-free, tractor independent power supply;
no battery required**

One set of EVO type seed plates (indicate Nr of holes and Ø)

One set of Easy-Set spacing rods (specify row spacing)

Element lifting lever

Parking wheel kit (dedicated to front hopper only!)

NOTE: - The tractor requires a rear ISOBUS socket and at least 1 double-acting hydraulic distributor is required on the tractor. Parallel RTK autoguiding with centimetre accuracy is strongly recommended.

(*): See page 251 for compatibility table

EQUIPMENT WITH MICROGRANULATOR

One hopper every 2 rows

Plastic hopper 25 L capacity

Volumetric metering unit with adjustment

ISOBUS electric drive

Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

See SVA Elektro

WARNING: If the SVA Elektro is converted into Isobus, an additional Isobus socket is required in front of the tractor (one for the front hopper and one for the rear seeder, these are two separate units)



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 31x15.5-15 (230 mm)

MS 8230 SUPER ELEKTRO [CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

PNEUMATIC PRECISION PLANTERS - Triple hydraulic folding Easy-Set tool bar

	CODE	N° ROWS	CONFIGURATIONS (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	05447950 *	12	12x75 → 8x95	320/880	2350	140	600	-	-	83.960,00
BASIC VERSION WITH MICROGRANULATOR										
	05447951*	12	12x75 → 8x95	320/880	2480	140	600	150	-	94.900,00

* Narrow depth wheels

NOTE: In the 8x95 cm transformation it is possible to work with only 3 of the 5 sections available to take advantage of the "only" 7 meters required for this configuration



Available in the standard equipment

ACCESSORIES on page 96

3XL 800 ELEKTRO [CORN, SUNFLOWER, BEAN BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Modular frame



Main features

This planter was designed for big farms, suitable for sowing of main crops on tilled soil. The main tool bar is equipped with large support and transport wheels, it is also completed with hoisting and oscillating device where the planters are hitched on. The tool bar includes two draw bars, one for road transport and one to be used in working position. The reduced road transport width (3.75 meter) allows it to be moved without difficulties. The electric system of the transmission guarantees instantaneous seeding during restarts and cancellation of slippage. It is possible to automatically adjust the seeding rate based on GPS coordinates (uniform rate across the working width) and to interrupt each single planting unit. The absence of a battery dedicated to the electrical system eliminates the need for specific maintenance.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 8000 ELEKTRO type
Cast arm with Quick-Set adjustment system
V-closing wheels 1"
Double gear box with 21 ratios
Vacuum meter
Led road light kit and panels red/white
One set of seed plates (indicate Nr of holes and Ø)
Partitioning wall for small seeds and dropping device (each row)
Seed emptying collector
Seed hopper capacity: 70 L (50 L for 45 cm row distance)

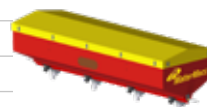
EQUIPMENT TOOL BAR

2 independent drill hitches with compensator
4 wheels meas. 480/45-17
Fan hydraulic drive tractor dependent (*)
Drawbar connection to tractor
Transportation width 3.75 m
2 towing devices
NOTE: Hydraulic connection from the tractor, minimum 3
-Tractor requires a rear Isobus socket, see page 251 for device compatibility

[*] The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Stainless steel metering unit support base with shaker
Volumetric metering unit
Quantity adjustment with endless variator
Adjustable standard double disc couler



ACCESSORIES

1000 rpm; pump fitting Z6 1" 3/8;
200 L oil tank, integrated in the tool bar
Hydraulic three-section row marker with disc

Tractor features:

- Towing hitch
- Automatic parallel runner suggested (RTK)
- 3 double-acting and 1 free return hydraulic distributors

FIELD SET-UP (see page 3)

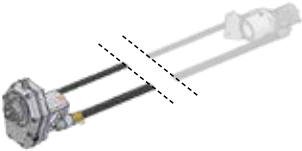
FRONT DRIVE WHEELS: 8 of 23 x 10.50-12 (230 mm)

3XL 800 ELEKTRO

CONFIGURATIONS ON PAGE 11

VACUUM PRECISION PLANTERS - Modular frame

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION											
	02946350	3XL 816	16 (A)	70	1200	6400	160	1120	-	-	165.120,00
	02944350	3XL 824-S	24 (B)	70	1700	7800	240	1680	-	-	237.310,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER											
	02946362	3XL 816	16 (A)	70	1200	7500	160	1120	-	4X930	194.400,00
	02944362	3XL 824-S	24 (B)	70	1700	9500	240	1680	-	4X1410	277.740,00

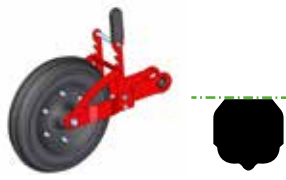
	CODE	DESCRIPTION	PRICE (€)
	09060145	Independent hydraulic vacuum system drive	3.820,00
	09070180	Kit 3XL row marker [for (A)]	8.490,00
	09070185	Kit 3XL row marker [for (B)]	9.680,00

ACCESSORIES on page 96

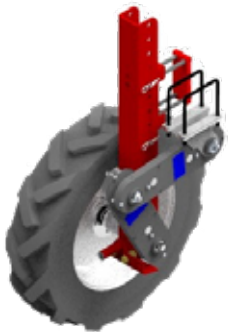
ACCESSORIES SERIES 8000

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge yellow-red reflecting-panels for road transport	0,00
	09220019	Surcharge for conversion from MY 2022 to EVO version (when ordering)	400,00
	NOTE	Consisting of: Magicsem Plus, spoke depth wheels, weighting spring	
	09020006	Surcharge for 70-litre seed hopper (each row)	73,00
	NOTE	Suggested for row spacing exceeding 45cm. Not compatible with lower spacing of 35cm (narrow depth wheels) and on 3XL with 45cm spacing	
	09020132	Spring-loading kit for planting unit Ø 6 mm (each row)	32,00
	NOTE	Standard on EVO versions	
	09220143	Depth wheel widening surcharge	66,00
	NOTE	Not available with inter-row lower than 45 cm	
	09220133	Surcharge for 8000 depth spoke wheels (each row)	210,00
	NOTE	Only in replacement of the standard wheels (not the narrow ones); standard on EVO versions	
	09220144	Narrow element conversion surcharge (each row)	83,00
	NOTE	Recommended for spacing from 27cm to 37cm (a standard MS8000 handles 37.5cm and above)	
	09220066	In-between seed covering kit (each row)	117,00

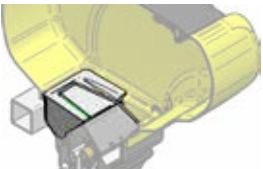
ACCESSORIES SERIES 8000

	CODE	DESCRIPTION	PRICE (€)
	09220076	Ø245mm stainless steel seed press wheel kit (each row)	320,00
	09220114	Surcharge for farmflex 370mm wheel with intermediate seed covering device(each row)	520,00
	09220030	Surcharge for 2" "V" closing wheels (each row)	87,00
	NOTE	Not available with narrow depth wheels	
	09220032	Surcharge for "V" closing wheels for heavy soils (each row)	105,00
	NOTE	Not available with narrow depth wheels	
	09220111	Surcharge for d330x75 convex closing wheels	270,00
	09020070	Surcharge for ripper for direct seeding on light soil (each row)	52,00
	09120100	Surcharge for row cleaner "trash wheel" for standard gauge wheels (each row)	520,00
	09120102	Surcharge for row cleaner "trash wheel" for narrow gauge wheels (each row)	520,00
	NOTE	Not compatible with fertilizer coulter element	

ACCESSORIES SERIES 8000

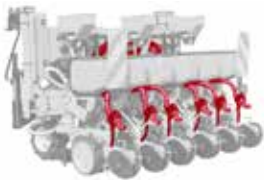
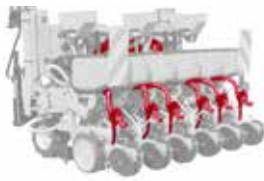
	CODE	DESCRIPTION	PRICE (€)
	09020105	Surcharge for Ø380 mm turbo disc for each MS element (version without spreader)	350,00
	NOTE	Double tool frames only.	
	09020112	Surcharge for Ø380 mm turbo disc for each MS element (version with spreader)	440,00
	NOTE	Only for double and fixed frames without easy-set: MS X100.	
	09030050	Surcharge for 23X10.50-12 wheels (each machine)	410,00
	NOTE	180cm wheel track not available on 250/254cm frames.	
	09010075	Surcharge for adjustable support and 7.50-16 drive wheel (for rigid tool bars, 4 m or over)	2.350,00
	NOTE	Not compatible for ELEKTRO versions	
	09010250	Surcharge for adjustable MS8100 wheels for 4 and 6 rows (02121050, 02122450 and 02122850 only)	700,00
	09010251	Surcharge for adjustable MS4100 wheels for 4 and 6 rows (02121051, 02122451 and 02122851 only)	700,00
	09010252	Surcharge for adjustable MS8100 wheels for 4 and 6 rows (02121062, 02122462 and 02122862 only)	700,00
	09010253	Surcharge for adjustable MS8100 wheels for 4 and 6 rows (02121063, 02122463 and 02122863 only)	700,00
	09010254	Surcharge for adjustable MS8100 wheels for 4 and 6 rows (02121082, 02122482 and 02122882 only)	700,00
	09010255	Surcharge for adjustable MS8100 wheels for 4 and 6 rows (02121083, 02122483 and 02122883 only)	700,00
	09010256	Surcharge for adjustable MS8200 wheels for 4 and 6 rows (02221050, 02222450 and 02222850 only)	700,00
	09010257	Surcharge for adjustable MS8200 wheels for 4 and 6 rows (02221051, 02222451 and 02222851 only)	700,00
	09010258	Surcharge for adjustable MS8200 wheels for 4 and 6 rows (02221062, 02222462 and 02222862 only)	700,00
	09010259	Surcharge for adjustable MS8200 wheels for 4 and 6 rows (02221063, 02222463 and 02222863 only)	700,00
	09010260	Surcharge for adjustable MS8200 wheels for 4 and 6 rows (02221082, 02222482 and 02222882 only)	700,00
	09010261	Surcharge for adjustable MS8200 wheels for 4 and 6 rows (02221083, 02222483 and 02222883 only)	700,00

ACCESSORIES SERIES 8000

	CODE	DESCRIPTION	PRICE (€)
	09030040	Surcharge for double drive with free wheel for seed only version (each machine)	470,00
	NOTE	Not compatible for ELEKTRO versions	
	09030043	Chain drive kit for high/low fertilizer density, Z25-Z10 (Suggested for distances between rows of 45cm)	129,00
	NOTE	Not compatible for "full electric" versions	
	09040490	VARIOVOLUMEX low rate distribution kit from 40 to 150 kg/ha for 3XL (per row)	25,00
	09040491	VARIOVOLUMEX low dosing arrangement from 40 to 150Kg ha (per row)	30,00
	09010061	Extension kit 1 st , 2 nd and 3 rd point 150 mm	420,00
	NOTE	Verify standard cardan shaft length	
	09060201	Surcharge for cardan shaft with free wheel Z6-Z8	171,00
	09060110	Surcharge for hydraulic motor activated vacuum fan dependent on tractor. Includes: Fan speed display (rpm); Detraction of standard cardan shaft.	1.980,00
	NOTE	The tractor must provide 40 Liters/Min continuous oil flow with direct back-flow to the tank without counterpression	
	09050300	Kit cover cap from 2 to 1	86,00
	09050342	Double micro pla complete kit (x each tank)	700,00
	NOTE	Not compatible with MS8230 Super Elektro and MS8100 FF Elektro	
	09040202	Surcharge for stainless steel fertilizer 100 L (each hopper)	300,00
	09040200	Surcharge for stainless steel fertilizer 165 L (each hopper)	340,00
	09040201	Surcharge for stainless steel fertilizer 215 L (each hopper)	370,00

ACCESSORIES

SERIES 8000

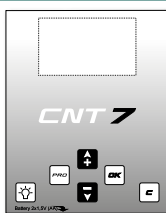
	CODE	DESCRIPTION	PRICE (€)
	09040252	Fertilizer tank extension 750 L (INOX) min. tool bar cm 250	1.570,00
	09040257	Fertilizer tank extension +415 L (PAINTED) min. tool bar cm 250	1.240,00
	09040250	Fertilizer tank extension 800 L (INOX) min. tool bar cm 300	1.590,00
	09040255	Fertilizer tank extension 800 L (PAINTED) min. tool bar cm 300	1.280,00
	09040259	Extension +250 L (INOX) to be matched with 09040250 (max 2)	800,00
	09040258	Fertilizer tank extension +250L (PAINTED) to be matched with 09040255 (max 2)	520,00
	09040251	Fertilizer tank extension +430 L (INOX) min. tool bar cm 400 (for models 6x75cm)	1.640,00
	09040256	Fertilizer tank extension +430 L (PAINTED) min. tool bar cm 400 (for models 6x75 cm)	1.310,00
	09040220	Surcharge for fertilizer spreader 2x700 L total (PAINTED) on 6 m rigid tool bars	1.660,00
	09040230	Surcharge for fertilizer spreader 2x930 L total (PAINTED) on 9 m rigid tool bars	2.970,00
	09040225	Surcharge for fertilizer spreader 2x700 L total (stainless steel) on 6m rigid tool bars	2.820,00
	09040235	Surcharge for fertilizer spreader 2x930 L total (stainless steel) on 9m rigid tool bars	4.250,00
	09040268	Loading auger actionable from the loading position	5.670,00
	NOTE	For models up to 4 m, with fertilizer tank extension and MIDI models. Not suitable for uneven number of rows.	
	09040031	In-furrow pneumatic fertilizer distribution kit for 6X45 cm (for versions with fertilizer and rigid toolbar)	3.050,00
	NOTE	Including additional fan, deduct standard coulters if not wanted	
	09040180	6 rows in-furrow fertilization kit for MIDI	1.190,00
	09040181	7 rows in-furrow fertilization kit for MIDI	1.340,00
	09040182	8 rows in-furrow fertilization kit for MIDI	1.500,00
	09040183	9 rows in-furrow fertilization kit for MIDI	1.640,00
	09040184	12 rows in-furrow fertilization kit for MIDI	2.120,00
	09020133	Planting unit hydraulic lifting device (2 rows)	960,00
	NOTE	Requires additional hydraulic outlet	
	09020131	Planting unit lifting lever kit	66,00
	NOTE	Standard on MS 8230-8200 models and version with transport trolley. NO for PT model	

ACCESSORIES

SERIES 8000

	CODE	DESCRIPTION	PRICE (€)
	09010040	Kit of 4 track remover with fittings for MS Super and Super-L	610,00

CONTROL SYSTEMS MS 4000 AND MS 8000



CNT7 Hectare – RPM counter

Standard version (3 visualization modes)	"PRO" version (3 visualization modes)
Hectare counter	Hectare counter + Fan speed (Rpm)
Fan speed (Rpm)	Hectare counter + Working speed (Km/h)
Working speed (Km/h)	Fan speed + Secondary axle speed (Rpm)

CODE	DESCRIPTION	PRICE (€)
19901025	Standard version - CNT7 Hectare - Rpm counter	370,00
19901027	"PRO" version - CNT7 Hectare - Rpm counter	470,00
19901028	4m hectare counter extension kit	25,00



MONOTRONIC 32 SEED MONITOR

Seeding rate alarm
Average and real-time seed distance on each row
Partial and total hectare counter
Working speed sensor
Seeding control up to 32 rows

NOTE: Speed sensor on the tractor wheel

CODE	DESCRIPTION	PRICE (€)
19013104	Seed control unit monitor kit and seed counter mod. MONOTRONIC 4 rows	2.950,00
19013105	Seed control unit monitor kit and seed counter mod. MONOTRONIC 5 rows	3.160,00
19013106	Seed control unit monitor kit and seed counter mod. MONOTRONIC 6 rows	3.390,00
19013107	Seed control unit monitor kit and seed counter mod. MONOTRONIC 7 rows	3.600,00
19013108	Seed control unit monitor kit and seed counter mod. MONOTRONIC 8 rows	3.820,00
19013109	Seed control unit monitor kit and seed counter mod. MONOTRONIC 9 rows	4.030,00
19013111	Seed control unit monitor kit and seed counter mod. MONOTRONIC 11 rows	4.460,00
19013112	Seed control unit monitor kit and seed counter mod. MONOTRONIC 12 rows	4.680,00
19013116	Seed control unit monitor kit and seed counter mod. MONOTRONIC 16 rows	5.540,00
19013118	Seed control unit monitor kit and seed counter mod. MONOTRONIC 18 rows	5.980,00
19013124	Seed control unit monitor kit and seed counter mod. MONOTRONIC 24 rows	7.710,00

Monotronic-MiPlus-Isobus kit

CODE	DESCRIPTION	PRICE (€)
09020093	Surcharge for small seed photocell (example: rape seed, radicchio, tomatoes, etc.) for each row	115,00

NOTE: has no contraindications for large seed sensing

Supplemento specifico per MiPlus

ELECTROMAGNETIC ROW EXCLUSION FOR MS8130 EVO

CODE	DESCRIPTION	PRICE (€)
19015306	Electromagnetic exclusion for 6 rows on MS8130 EVO	3.170,00
19015307	Electromagnetic exclusion for 7 rows on MS8130 EVO	3.710,00

CONTROL SYSTEMS MS 4000 AND MS 8000



[*]: Requires wireless connectivity;
Requires Android 7 and iOS 12 or newer;
Virtual terminal available as optional

MiPlus PLANTER CONTROL SYSTEM (*)

ISO 7256-1 compliant seeding quality check
Manual sowing exclusion control of up to 12 rows
Hectars counter and timer (partial and total)
Working speed detection and instant indicator of productivity and investment
Average distance between seeds and average seeds density on the field or on each row
Depression value and fan rpm visualization
Personalized statistics
Frequently used settings can be saved and loaded when needed
NOTE: Speed sensor on the tractor wheel

MiPlus PLANTER CONTROL SYSTEM		
CODE	DESCRIPTION	PRICE (€)
19908002	Planter control system 4 rows	3.390,00
19908004	Planter control system 5 rows	3.660,00
19908006	Planter control system 6 rows	3.950,00
19908008	Planter control system 7 rows	4.220,00
19908010	Planter control system 8 rows	4.500,00
19908034	Planter control system 8 rows pull type	4.890,00
19908012	Planter control system 9 rows	4.790,00
19908016	Planter control system 11 rows	5.340,00
19908018	Planter control system 12 rows	5.620,00
19908028	Planter control system 12 rows (for SUPER versions only)	5.830,00
19908036	Planter control system 16 rows	6.920,00
19908078	Surcharge planter control system 16 rows for 3XL	2.100,00
19908038	Planter control system 18 rows	7.460,00
19908076	Planter control system 24 rows	9.100,00
19908100	Surcharge planter control system 24 rows for 3XL	3.150,00
19908101	Surcharge planter control system 32 rows for 3XL	3.820,00

Remote control is allowed with data connection via hotspot or dedicated SIM car (Contact the manufacturer for more information).

MiPlus PLANTER CONTROL SYSTEM WITH ELECTROMAGNETIC ROW EXCLUSION		
CODE	DESCRIPTION	PRICE (€)
19908003	Planter control system 4 rows with electromagnetic row exclusion	5.830,00
19908005	Planter control system 5 rows with electromagnetic row exclusion	6.480,00
19908007	Planter control system 6 rows with electromagnetic row exclusion	7.020,00
19908009	Planter control system 7 rows with electromagnetic row exclusion	7.560,00
19908011	Planter control system 8 rows with electromagnetic row exclusion	8.120,00
19908035	Planter control system 8 rows pull type with electromagnetic row exclusion	8.500,00
19908013	Planter control system 9 rows with electromagnetic row exclusion	8.650,00
19908017	Planter control system 11 rows with electromagnetic row exclusion	9.720,00
19908019	Planter control system 12 rows with electromagnetic row exclusion	10.280,00
19908029	Planter control system 12 rows (for SUPER versions only) with electromagnetic row exclusion	10.800,00
19908037	Planter control system 16 rows with electromagnetic row exclusion	12.980,00
19908079	Surcharge planter control system 16 rows for 3XL with electromagnetic row exclusion	8.330,00
19908039	Planter control system 18 rows with electromagnetic row exclusion	14.080,00
19908077	Planter control system 24 rows with electromagnetic row exclusion	17.350,00
19908097	Surcharge planter control system 24 rows for 3XL with electromagnetic row exclusion	12.500,00
19908098	Surcharge planter control system 32 rows for 3XL with electromagnetic row exclusion	16.300,00

CONTROL SYSTEMS

MS 4000 AND MS 8000

	CODE	DESCRIPTION	PRICE (€)
	19908030	10" ANDROID tablet with bracket	700,00
	19908031	Annual teleservice subscription and MMconnecta portal remotely (net price cannot be discounted)	150,00
	NOTE	For models with MiPlus control system only. Requires SIM card (Not included) with a data plan.	

Note: To access MMconnecta log on to <https://matermacc.cloud/groups/index-view> and follow the registration process.

CONTROL SYSTEMS

MS 4000 AND MS 8000

ISOBUS kit for sowing control *(ECU only, monitor not included)*



ISOBUS

Seeding control system based on ISOBUS standard (ISO 11783). Fully compatible with many tractor/monitor with ISOBUS technology. See page 251 for compatibility chart.

Real time monitoring of seeding distance \ investment

Seeding statistics display (quality, doubles and misses)

Fan speed visualization (Rpm)

Electromagnetic row exclusion (Optional)

NOTE: Speed sensor on the tractor wheel

ISOBUS PLANTER CONTROL KIT

CODE	DESCRIPTION	PRICE (€)
19015200	ISOBUS kit for 4-row sowing control	3.940,00
19015202	ISOBUS kit for 5-row sowing control	4.210,00
19015204	ISOBUS kit for 6-row sowing control	4.500,00
19015206	ISOBUS kit for 7-row sowing control	4.790,00
19015208	ISOBUS kit for 8-row sowing control	5.060,00
19015210	ISOBUS kit for 9-row sowing control	5.340,00
19015214	ISOBUS kit for 11-row sowing control	5.890,00
19015216	ISOBUS kit for 12-row sowing control	6.190,00
19015226	Complete ISOBUS planter control kit; 12 rows (SUPER)	6.440,00
19015234	ISOBUS kit for 16-row sowing control	7.290,00
19015238	ISOBUS kit for 18-row sowing control	7.860,00
19015250	ISOBUS kit for 24-row sowing control	9.540,00
19015252 [#]	Complete ISOBUS planter control kit; 16 rows (3XL)	4.060,00
19015254 [#]	Complete ISOBUS planter control kit; 24 rows (3XL)	4.560,00
19015258 [#]	Complete ISOBUS planter control kit; 32 rows (3XL)	5.080,00

NOTE: Models fitted with MiPlus electronic control system cannot be made ISOBUS compliant.

[#]: Already includes the discount for the Monotronic 32 monitor

ISOBUS PLANTER CONTROL KIT WITH ELECTROMAGNETIC ROW EXCLUSION *[With automatic section control*]*

CODE	DESCRIPTION	PRICE (€)
19015201	Complete ISOBUS planter control kit; 4 rows with electromagnetic row exclusion	6.380,00
19015203	Complete ISOBUS planter control kit; 5 rows with electromagnetic row exclusion	7.160,00
19015205	Complete ISOBUS planter control kit; 6 rows with electromagnetic row exclusion	7.960,00
19015207	Complete ISOBUS planter control kit; 7 rows with electromagnetic row exclusion	8.740,00
19015209	Complete ISOBUS planter control kit; 8 rows with electromagnetic row exclusion	9.530,00
19015211	Complete ISOBUS planter control kit; 9 rows with electromagnetic row exclusion	10.320,00
19015215	Complete ISOBUS planter control kit; 11 rows with electromagnetic row exclusion	11.840,00
19015217	Complete ISOBUS planter control kit; 12 rows with electromagnetic row exclusion	12.630,00
19015227	Complete ISOBUS planter control kit; 12 rows (SUPER) with electromagnetic row exclusion	12.890,00
19015235	Complete ISOBUS planter control kit; 16 rows with electromagnetic row exclusion	15.780,00
19015239	Complete ISOBUS planter control kit; 18 rows with electromagnetic row exclusion	17.340,00
19015251	Complete ISOBUS planter control kit; 24 rows with electromagnetic row exclusion	22.040,00
19015253 [#]	Complete ISOBUS planter control kit; 16 rows (3XL) with electromagnetic row exclusion	12.550,00
19015255 [#]	Complete ISOBUS planter control kit; 24 rows (3XL) with electromagnetic row exclusion	17.080,00
19015259 [#]	Complete ISOBUS planter control kit; 32 rows (3XL) with electromagnetic row exclusion	21.610,00

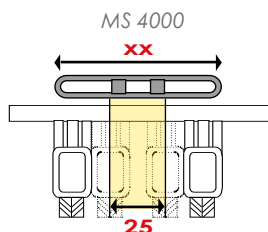
NOTE: Models fitted with MiPlus electronic control system cannot be made ISOBUS compliant.

[*]: If the ISOBUS monitor supports it (standard feature for X25 and X35), the electromagnetic exclusion can be automated through Section Control with maps pre-entered by the operator.

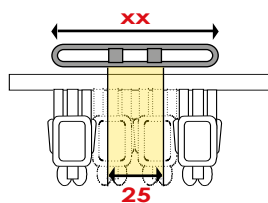
ACCESSORIES

MANDATORY SPECIFY FOR 4230-8230

EASY-SET SPACER 25 CM

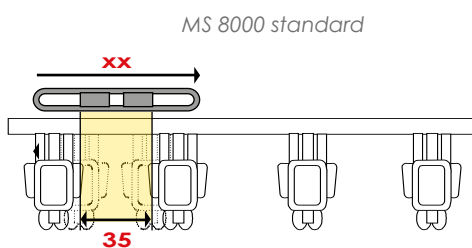


MS 8000 narrow wheels 16x2.5"



CODE	DESCRIPTION	PRICE (€)
09020031	30 inter-row ring closure 25 (each piece)	37,00
09020032	35 inter-row ring closure 25 (each piece)	38,00
09020029	37.5 inter-row ring closure 25 (each piece)	39,00
09020020	40 inter-row ring closure 25 (each piece)	40,00
09020021	45 inter-row ring closure 25 (each piece)	42,00
09020022	50 inter-row ring closure 25 (each piece)	45,00
09020023	55 inter-row ring closure 25 (each piece)	48,00
09020024	60 inter-row ring closure 25 (each piece)	50,00
09020025	65 inter-row ring closure 25 (each piece)	51,00
09020026	70 inter-row ring closure 25 (each piece)	53,00
09020027	75 inter-row ring closure 25 (each piece)	55,00
09020028	80 inter-row ring closure 25 (each piece)	56,00
09021005	MS 8230 inter-row ring kit from 12F t.320/610 to 8FX70	440,00
09021010	MS 8230 inter-row ring kit from 12F t.320/610 to 8FX75	450,00
09021015	MS 8230 inter-row ring kit from 12F t.320/610 to 8FX80	470,00

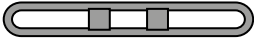
EASY-SET SPACER 35 CM



CODE	DESCRIPTION	PRICE (€)
09020035	35 inter-row ring closure 35 (each piece)	40,00
09020049	37.5 inter-row ring closure 35 (each piece)	41,00
09020040	40 inter-row ring closure 35 (each piece)	42,00
09020041	45 inter-row ring closure 35 (each piece)	45,00
09020036	47.5 inter-row ring closure 35 (each piece)	47,00
09020042	50 inter-row ring closure 35 (each piece)	48,00
09020043	55 inter-row ring closure 35 (each piece)	50,00
09020044	60 inter-row ring closure 35 (each piece)	51,00
09020045	65 inter-row ring closure 35 (each piece)	53,00
09020046	70 inter-row ring closure 35 (each piece)	55,00
09020047	75 inter-row ring closure 35 (each piece)	56,00
09020048	80 inter-row ring closure 35 (each piece)	59,00
09020053	90 inter-row ring closure 35 (each piece)	61,00
09020037	95 inter-row ring closure 35 (each piece)	63,00

4230 AND 8230 SERIES ACCESSORIES

RING FOR AUTOMATIC ROW SPACING

	CODE	DESCRIPTION	PRICE (€)
	09020060	75 inter-row automatic ring closure 37.5 (each piece)	61,00
	09020062	75 inter-row automatic ring closure 45 (each piece)	66,00

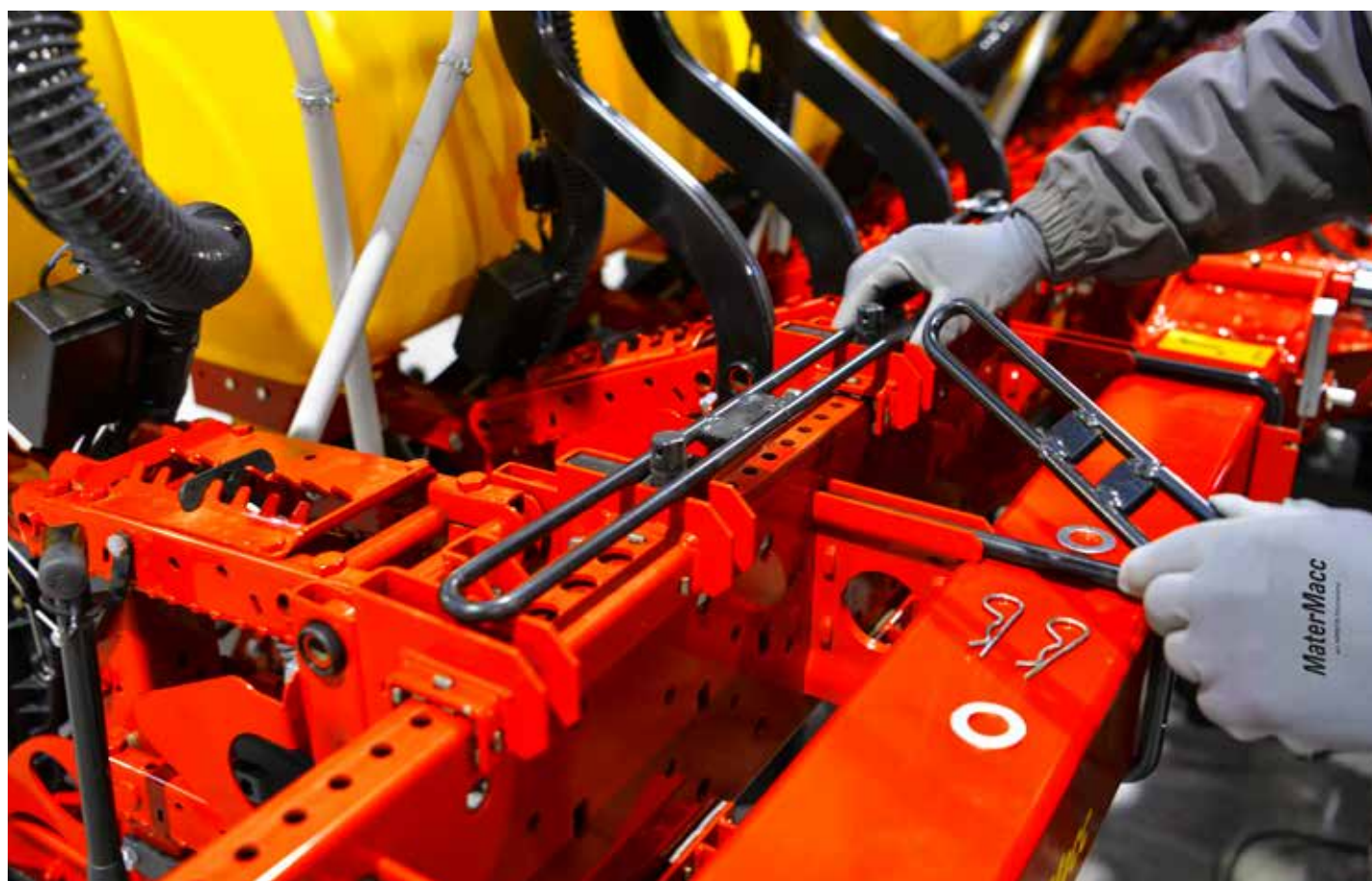
RING FOR END-LINE

	CODE	DESCRIPTION	PRICE (€)
	09020033	80 inter-row end - line ring closure 25 (each piece)	56,00
	09020056	80 inter-row end - line ring closure 35 (each piece)	59,00
	09020057	90 inter-row end - line ring closure 35 (each piece)	61,00
	09020058	95 inter-row end - line ring closure 35 (each piece)	63,00

COSTUM MADE EASY-SET SPACER

CODE	DESCRIPTION	PRICE (€)
Contact the manufacturer	Custom made Easy-Set spacer (each)	94,00

NOTE: Specify row spacing when placing order



This tool bar allows to change the row distance quickly, 2 minutes per unit, and the Easy-Set tool bar can be used either with the 4000 or 8000 planting units.

MS SEED PLATES (MANDATORY)



CODE	DESCRIPTION	MAIZE	SUNFLOWER	SOYBEAN	SUGAR BEET	SORGHUM	RAPE SEED	COTTON	TOMATO	PUMPKIN	PEANUT	BEAN	COURGETTE	RADICCHIO SALAD	THISTLE	CHICKPEA	SEED SPACING		PRICE (€)
																	WHEEL 165 cm	WHEEL 185 cm	
18120425	4 holes Ø 2.5 mm																66.3-164.1	74.0-183.5	37,00
18120635	6 holes Ø 3.5 mm																44.1-109.4	49.3-122.3	37,00
18120645	6 holes Ø 4.5 mm																44.1-109.4	49.3-122.3	37,00
18121210	12 holes Ø 1.0 mm																22.1-54.7	24.7-61.2	63,00
18121225	12 holes Ø 2.5 mm																22.1-54.7	24.7-61.2	37,00
18121235	12 holes Ø 3.5 mm																22.1-54.7	24.7-61.2	37,00
18121245	12 holes Ø 4.5 mm																22.1-54.7	24.7-61.2	37,00
18121255	12 holes Ø 5.5 mm																22.1-54.7	24.7-61.2	37,00
18121822	18 holes Ø 2.2 mm																14.7-36.5	16.4-40.8	37,00
18121825	18 holes Ø 2.5 mm																14.7-36.5	16.4-40.8	37,00
18121830	18 holes Ø 3.0 mm																14.7-36.5	16.4-40.8	37,00
18121835	18 holes Ø 3.5 mm																14.7-36.5	16.4-40.8	37,00
18121845	18 holes Ø 4.5 mm																14.7-36.5	16.4-40.8	37,00
18121855	18 holes Ø 5.5 mm																14.7-36.5	16.4-40.8	37,00
18122425	24 holes Ø 2.5 mm																11.0-27.4	12.3-30.6	42,00
18122430	24 holes Ø 3.0 mm																11.0-27.4	12.3-30.6	42,00
18122440	24 holes Ø 4.0 mm																11.0-27.4	12.3-30.6	42,00
18122445	24 holes Ø 4.5 mm																11.0-27.4	12.3-30.6	42,00
18122450	24 holes Ø 5.0 mm																11.0-27.4	12.3-30.6	42,00
18122455	24 holes Ø 5.5 mm																11.0-27.4	12.3-30.6	42,00
18123610	36 holes Ø 1.0 mm																7.4-18.2	8.2-20.4	73,00
18123620	36 holes Ø 2.0 mm																7.4-18.2	8.2-20.4	73,00
18123625	36 holes Ø 2.5 mm																7.4-18.2	8.2-20.4	49,00
18123645	36 holes Ø 4.5 mm																7.4-18.2	8.2-20.4	49,00
18123655	36 holes Ø 5.5 mm																7.4-18.2	8.2-20.4	49,00

MS SEED PLATES (MANDATORY)



CODE	DESCRIPTION	MAIZE	SUNFLOWER	SOYBEAN	SUGAR BEET	SORGHUM	RAPE SEED	COTTON	TOMATO	PUMPKIN	PEANUT	BEAN	COURGETTE	RADICCHIO SALAD	THISTLE	CHICKPEA	SEED SPACING		PRICE (€)
																	WHEEL 165 cm	WHEEL 185 cm	
18124810	48 holes Ø 1.0 mm																5.5-13.7	6.2-15.3	73,00
18124835	48 holes Ø 3.5 mm																5.5-13.7	6.2-15.3	49,00
18124845	48 holes Ø 4.5 mm																5.5-13.7	6.2-15.3	49,00
18124855	48 holes Ø 5.5 mm																5.5-13.7	6.2-15.3	49,00
18124860	48 holes Ø 6.0 mm																5.5-13.7	6.2-15.3	49,00
18126055	60 holes Ø 5.5 mm																4.4-10.9	4.9-12.2	49,00
18127210	72 holes Ø 1.0 mm																3.7-9.1	4.1-10.2	83,00
18127220	72 holes Ø 2.0 mm																3.7-9.1	4.1-10.2	83,00
18127235	72 holes Ø 3.5 mm																3.7-9.1	4.1-10.2	58,00
18127240	72 holes Ø 4.0 mm																3.7-9.1	4.1-10.2	58,00
18127245	72 holes Ø 4.5 mm																3.7-9.1	4.1-10.2	58,00
18129610	96 holes Ø 1.0 mm																2.8-6.8	3.1-7.6	83,00
18129620	96 holes Ø 2.0 mm																2.8-6.8	3.1-7.6	83,00
18129635	96 holes Ø 3.5 mm																2.8-6.8	3.1-7.6	58,00
18129640	96 holes Ø 4.0 mm																2.8-6.8	3.1-7.6	58,00
18125210	120 holes Ø 1.0 mm																2.2-5.5	2.1-6.1	98,00
18125510	144 holes Ø 1.0 mm																1.8-4.6	2.1-5.1	98,00
18125710	180 holes Ø 1.0 mm																1.5-3.6	2.1-5.1	130,00
Seed plates with double line of holes need double seed singulator																			
09020096	Double seedsingulator																		128,00
18120540	2x72 holes - Ø 4.0 mm																1.8-4.6	2.1-5.1	81,00
18120545	2x72 holes - Ø 4.5 mm																1.8-4.6	2.1-5.1	81,00

[*]: Double-hole discs are recommended only for high-density soya and chickpea seeding. Consult the manufacturer for use on planters with more than 6 rows.

CUSTOM MADE SEED PLATES		
CODE	DESCRIPTION	PRICE (€)
Contact the manufacturer	Custom made seed plate [•]	192,00
18120000	Blind seed plate for transformables (MS X230 only) [F]	33,00

[•]: Indicate number of holes and their diameter

[F]: Needed in case of exclusion of elements or conversion (i.e.: from 12 to 8 rows) in order to guarantee the correct vacuum

MS EVO SEED PLATES (MANDATORY)



CODE	DESCRIPTION	MAIZE	SUNFLOWER	SOYBEAN	SUGAR BEET	SORGHUM	RAPE SEED	COTTON	TOMATO	PUMPKIN	PEANUT	BEAN	COURGETTE	RADICCHIO SALAD	THISTLE	CHICKPEA	SEED SPACING		PRICE (€)
																	WHEEL 165 cm	WHEEL 185 cm	
18140425	4 holes Ø 2.5 mm																66,3-164,1	74,0-183,5	63,00
18140835	8 holes Ø 3.5 mm																33,1-82,1	37,0-91,7	63,00
18140845	8 holes Ø 4.5 mm																33,1-82,1	37,0-91,7	63,00
18141622	16 holes Ø 2.2 mm																16,5-41,0	18,5-45,9	63,00
18141625	16 holes Ø 2.5 mm																16,5-41,0	18,5-45,9	63,00
18141630	16 holes Ø 3.0 mm																16,5-41,0	18,5-45,9	63,00
18141635	16 holes Ø 3.5 mm																16,5-41,0	18,5-45,9	63,00
18141645	16 holes Ø 4.5 mm																16,5-41,0	18,5-45,9	63,00
18141655	16 holes Ø 5.5 mm																16,5-41,0	18,5-45,9	63,00
18143225	32 holes Ø 2.5 mm																8,3-20,5	9,2-22,9	68,00
18143230	32 holes Ø 3.0 mm																8,3-20,5	9,2-22,9	68,00
18143240	32 holes Ø 4.0 mm																8,3-20,5	9,2-22,9	68,00
18143245	32 holes Ø 4.5 mm																8,3-20,5	9,2-22,9	68,00
18143250	32 holes Ø 5.0 mm																8,3-20,5	9,2-22,9	68,00
18143255	32 holes Ø 5.5 mm																8,3-20,5	9,2-22,9	68,00
18147210	72 holes Ø 1.0 mm																3,7-9,1	4,1-10,2	110,00
18147220	72 holes Ø 2.0 mm																3,7-9,1	4,1-10,2	110,00
18147235	72 holes Ø 3.5 mm																3,7-9,1	4,1-10,2	83,00
18147240	72 holes Ø 4.0 mm																3,7-9,1	4,1-10,2	83,00
18147245	72 holes Ø 4.5 mm																3,7-9,1	4,1-10,2	83,00
18148440	84 holes Ø 4.0 mm																3,2-7,8	3,5-8,7	83,00
18148445	84 holes Ø 4.5 mm																3,2-7,8	3,5-8,7	83,00
18149620	144 holes Ø 1.0 mm																2,8-6,8	3,1-7,6	124,00
18149635	96 holes Ø 3.5 mm																2,8-6,8	3,1-7,6	97,00
18145510																	1,8-4,6	2,1-5,1	124,00

MS ELEKTRO SEED PLATES (MANDATORY)



CODE	DESCRIPTION	MAIZE	SUNFLOWER	SOYBEAN	SUGAR BEET	SORGHUM	RAPE SEED	COTTON	TOMATO	PUMPKIN	PEANUT	BEAN	COURGETTE	RADICCHIO SALAD	THISTLE	CHICKPEA	SEED SPACING (cm)	working speed		PRICE (€)
																		MIN (Km/h)	MAX (Km/h)	
18121210	12 holes Ø 1.0 mm																20,0-50,0	3,1	7	63,00
18121245	12 holes Ø 4.5 mm																22,0-60,0	3,7	8	37,00
18121810	18 holes Ø 1.0 mm																14,0-40,0	4,6	7	63,00
18121825	18 holes Ø 2.5 mm																12,0-50,0	4,6	8	37,00
18121845	18 holes Ø 4.5 mm																20,0-50,0	4,6	8	37,00
18122445	24 holes Ø 4.5 mm																10,0-40,0	4,9	8	42,00
18123625	36 holes Ø 2.5 mm																7,0-25,0	4,6	7	49,00
18123635	36 holes Ø 3.5 mm																7,0-25,0	5,5	8	49,00
18123655	36 holes Ø 5.5 mm																7,0-30,0	5,5	8	49,00
18124835	48 holes Ø 3.5 mm																6,0-30,0	7,4	8	49,00
18124855	48 holes Ø 5.5 mm																5,0-15,0	3,7	8	49,00
18127210	72 holes Ø 1.0 mm																3,0-13,0	4,8	7	83,00
18127220	72 holes Ø 2.0 mm																4,0-15,0	5,5	8	83,00
18127240	72 holes Ø 4.0 mm																4,0-15,0	5,5	8	58,00
18127245	72 holes Ø 4.5 mm																4,0-15,0	5,5	8	58,00
18129610	96 holes Ø 1.0 mm																2,0-10,0	4,9	7	83,00

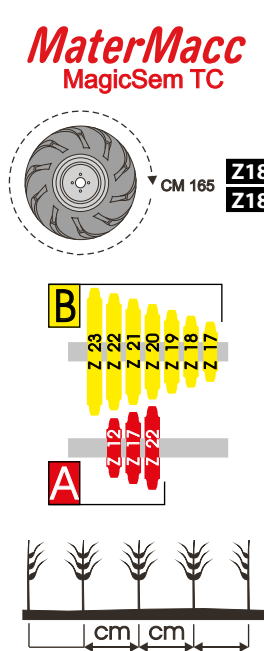
NOTE: On the Elektro you can use the same discs as for a classic mechanical version. Attention: if the element is converted into EVO, the EVO discs must be chosen.

CODE	DESCRIPTION	PRICE (€)
Contact the manufacturer	EVO custom made seed plate [•]	240,00
18130005	EVO seed plate without holes	33,00

NOTE: it is suggested to use the disc with the largest number of holes that meets your clearance requirements.
EXAMPLE: corn at 19cm take the 32 holes instead of the 16 holes
[•]: Indicate number of holes and their diameter

STANDARD SEEDING CHARTS

Standard front drive wheels 20x8.00-10 - N.B.: Theoretical values



MaterMacc
MagicSem TC

CM 165

Z18
Z18

A

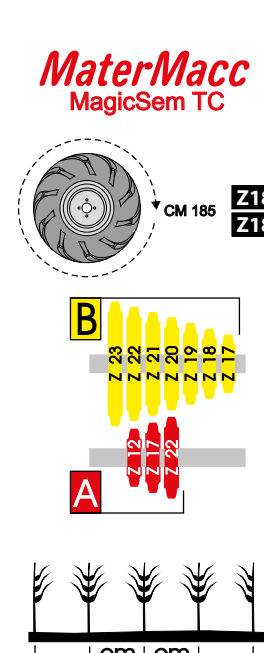
B

cm cm

58220120	A - B	4	6	12	18	24	36	48	60	72	96	120	144
22-17		66,2	44,1	22,1	14,7	11,0	7,4	5,5	4,4	3,7	2,8	2,2	1,8
22-18		70,1	46,7	23,4	15,6	11,7	7,8	5,8	4,7	3,9	2,9	2,3	1,9
22-19		74,0	49,3	24,7	16,4	12,3	8,2	6,2	4,9	4,1	3,1	2,5	2,1
22-20		77,9	51,9	26,0	17,3	13,0	8,7	6,5	5,2	4,3	3,2	2,6	2,2
22-21		81,8	54,5	27,3	18,2	13,6	9,1	6,8	5,5	4,5	3,4	2,7	2,3
22-22		85,6	57,1	28,5	19,0	14,3	9,5	7,1	5,7	4,8	3,6	2,9	2,4
17-18		90,7	60,5	30,2	20,2	15,1	10,1	7,6	6,0	5,0	3,8	3,0	2,5
17-19		95,7	63,8	31,9	21,3	16,0	10,6	8,0	6,4	5,3	4,0	3,2	2,7
17-20		100,8	67,2	33,6	22,4	16,8	11,2	8,4	6,7	5,6	4,2	3,4	2,8
17-21		105,8	70,5	35,3	23,5	17,6	11,8	8,8	7,1	5,9	4,4	3,5	2,9
17-22		110,8	73,9	36,9	24,6	18,5	12,3	9,2	7,4	6,2	4,6	3,7	3,1
17-23		115,9	77,2	38,6	25,7	19,3	12,9	9,7	7,7	6,4	4,8	3,9	3,2
12-17		121,3	80,9	40,4	27,0	20,2	13,5	10,1	8,1	6,7	5,1	4,0	3,4
12-18		128,5	85,6	42,8	28,5	21,4	14,3	10,7	8,6	7,1	5,4	4,3	3,6
12-19		135,6	90,4	45,2	30,1	22,6	15,1	11,3	9,0	7,5	5,7	4,5	3,8
12-20		142,7	95,2	47,6	31,7	23,8	15,9	11,9	9,5	7,9	5,9	4,8	4,0
12-21		149,9	99,9	50,0	33,3	25,0	16,7	12,5	10,0	8,3	6,2	5,0	4,2
12-22		157,0	104,7	52,3	34,9	26,2	17,4	13,1	10,5	8,7	6,5	5,2	4,4
12-23		164,2	109,4	54,7	36,5	27,4	18,2	13,7	10,9	9,1	6,8	5,5	4,6

*Valori teorici
*Theoretical values
*Valeurs théoriques
*Theoretische Werte
*Valores teóricos

Standard front drive wheels 23x10.50-12 - N.B.: Theoretical values



MaterMacc
MagicSem TC

CM 185

Z18
Z18

A

B

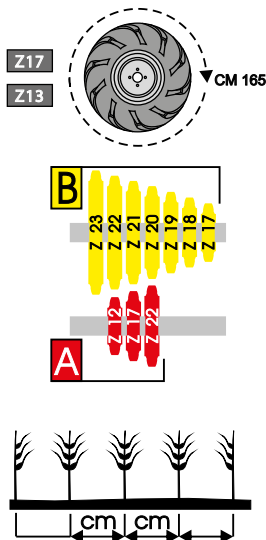
cm cm

58220126	A - B	4	6	12	18	24	36	48	60	72	96	120	144
22-17		74,0	49,3	24,7	16,4	12,3	8,2	6,2	4,9	4,1	3,1	2,5	2,1
22-18		78,3	52,2	26,1	17,4	13,1	8,7	6,5	5,2	4,4	3,3	2,6	2,2
22-19		82,7	55,1	27,6	18,4	13,8	9,2	6,9	5,5	4,6	3,4	2,8	2,3
22-20		87,0	58,0	29,0	19,3	14,5	9,7	7,3	5,8	4,8	3,6	2,9	2,4
22-21		91,4	60,9	30,5	20,3	15,2	10,2	7,6	6,1	5,1	3,8	3,0	2,5
22-22		95,7	63,8	31,9	21,3	16,0	10,6	8,0	6,4	5,3	4,0	3,2	2,7
17-18		101,4	67,6	33,8	22,5	16,9	11,3	8,4	6,8	5,6	4,2	3,4	2,8
17-19		107,0	71,3	35,7	23,8	17,8	11,9	8,9	7,1	5,9	4,5	3,6	3,0
17-20		112,6	75,1	37,5	25,0	18,8	12,5	9,4	7,5	6,3	4,7	3,8	3,1
17-21		118,2	78,8	39,4	26,3	19,7	13,1	9,9	7,9	6,6	4,9	3,9	3,3
17-22		123,9	82,6	41,3	27,5	20,6	13,8	10,3	8,3	6,9	5,2	4,1	3,4
17-23		129,5	86,3	43,2	28,8	21,6	14,4	10,8	8,6	7,2	5,4	4,3	3,6
12-17		135,6	90,4	45,2	30,1	22,6	15,1	11,3	9,0	7,5	5,7	4,5	3,8
12-18		143,6	95,7	47,9	31,9	23,9	16,0	12,0	9,6	8,0	6,0	4,8	4,0
12-19		151,6	101,0	50,5	33,7	25,3	16,8	12,6	10,1	8,4	6,3	5,1	4,2
12-20		159,5	106,4	53,2	35,5	26,6	17,7	13,3	10,6	8,9	6,6	5,3	4,4
12-21		167,5	111,7	55,8	37,2	27,9	18,6	14,0	11,2	9,3	7,0	5,6	4,7
12-22		175,5	117,0	58,5	39,0	29,2	19,5	14,6	11,7	9,7	7,3	5,8	4,9
12-23		183,5	122,3	61,2	40,8	30,6	20,4	15,3	12,2	10,2	7,6	6,1	5,1

*Valori teorici
*Theoretical values
*Valeurs théoriques
*Theoretische Werte
*Valores teóricos

special - High sowing density MS EVO seeding charts

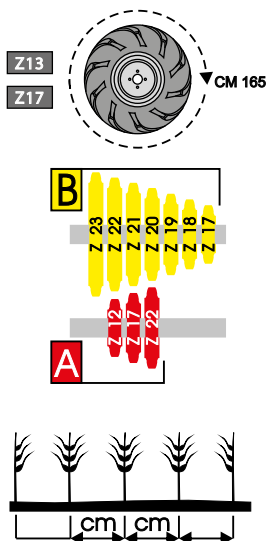
MaterMacc
MagicSem TC



58202121	A - B												
		4	6	12	18	24	36	48	60	72	96	120	144
	22-17	86.5	57.7	28.8	19.2	14.4	9.6	7.2	5.8	4.8	3.6	2.9	2.4
	22-18	91.6	61.1	30.5	20.4	15.3	10.2	7.6	6.1	5.1	3.8	3.1	2.5
	22-19	96.7	64.5	32.2	21.5	16.1	10.7	8.1	6.4	5.4	4.0	3.2	2.7
	22-20	101.8	67.9	33.9	22.6	17.0	11.3	8.5	6.8	5.7	4.2	3.4	2.8
	22-21	106.9	71.3	35.6	23.8	17.8	11.9	8.9	7.1	5.9	4.5	3.6	3.0
	22-22	112.0	74.7	37.3	24.9	18.7	12.4	9.3	7.5	6.2	4.7	3.7	3.1
	17-18	118.6	79.1	39.5	26.4	19.8	13.2	9.9	7.9	6.6	4.9	4.0	3.3
	17-19	125.2	83.4	41.7	27.8	20.9	13.9	10.4	8.3	7.0	5.2	4.2	3.5
	17-20	131.8	87.8	43.9	29.3	22.0	14.6	11.0	8.8	7.3	5.5	4.4	3.7
	17-21	138.3	92.2	46.1	30.7	23.1	15.4	11.5	9.2	7.7	5.8	4.6	3.8
	17-22	144.9	96.6	48.3	32.2	24.2	16.1	12.1	9.7	8.1	6.0	4.8	4.0
	17-23	151.5	101.0	50.5	33.7	25.3	16.8	12.6	10.1	8.4	6.3	5.1	4.2
	12-17	158.7	105.8	52.9	35.3	26.4	17.6	13.2	10.6	8.8	6.6	5.3	4.4
	12-18	168.0	112.0	56.0	37.3	28.0	18.7	14.0	11.2	9.3	7.0	5.6	4.7

***Valores teóricos**

MaterMacc
MagicSem TC



58220122	A - B												
		4	6	12	18	24	36	48	60	72	96	120	144
165	22-17	50.6	33.7	16.9	11.2	8.4	5.6	4.2	3.4	2.8	2.1	1.7	1.4
	22-18	53.6	35.7	17.9	11.9	8.9	6.0	4.5	3.6	3.0	2.2	1.8	1.5
	22-19	56.6	37.7	18.9	12.6	9.4	6.3	4.7	3.8	3.1	2.4	1.9	1.6
	22-20	59.5	39.7	19.8	13.2	9.9	6.6	5.0	4.0	3.3	2.5	2.0	1.7
	22-21	62.5	41.7	20.8	13.9	10.4	6.9	5.2	4.2	3.5	2.6	2.1	1.7
	22-22	65.5	43.7	21.8	14.6	10.9	7.3	5.5	4.4	3.6	2.7	2.2	1.8
	17-18	69.3	46.2	23.1	15.4	11.6	7.7	5.8	4.6	3.9	2.9	2.3	1.9
	17-19	73.2	48.8	24.4	16.3	12.2	8.1	6.1	4.9	4.1	3.0	2.4	2.0
	17-20	77.1	51.4	25.7	17.1	12.8	8.6	6.4	5.1	4.3	3.2	2.6	2.1
	17-21	80.9	53.9	27.0	18.0	13.5	9.0	6.7	5.4	4.5	3.4	2.7	2.2
	17-22	84.8	56.5	28.3	18.8	14.1	9.4	7.1	5.7	4.7	3.5	2.8	2.4
	17-23	88.6	59.1	29.5	19.7	14.8	9.8	7.4	5.9	4.9	3.7	3.0	2.5
	12-17	92.8	61.9	30.9	20.6	15.5	10.3	7.7	6.2	5.2	3.9	3.1	2.6
	12-18	98.2	65.5	32.7	21.8	16.4	10.9	8.2	6.5	5.5	4.1	3.3	2.7
	12-19	103.7	69.1	34.6	23.0	17.3	11.5	8.6	6.9	5.8	4.3	3.5	2.9
	12-20	109.2	72.8	36.4	24.3	18.2	12.1	9.1	7.3	6.1	4.5	3.6	3.0
12-21	114.6	76.4	38.2	25.5	19.1	12.7	9.6	7.6	6.4	4.8	3.8	3.2	
12-22	120.1	80.0	40.0	26.7	20.0	13.3	10.0	8.0	6.7	5.0	4.0	3.3	
12-23	125.5	83.7	41.8	27.9	20.9	13.9	10.5	8.4	7.0	5.2	4.2	3.5	

***Valores teóricos**

SPECIAL SEEDING CHART

special - High sowing density MS EVO seeding charts

Standard front drive wheels 23x10.50-12 - N.B.: Theoretical values

MaterMacc
MagicSem TCA

58220138

A

Z 12
Z 17
Z 22

B

Z 23
Z 22
Z 21
Z 20
Z 19
Z 18
Z 17

CM 185

A - B	4	6	12	18	24	36	48	60	72	96	120	144
22-17	96,7	64,5	32,2	21,5	16,1	10,7	8,1	6,4	5,4	4,0	3,2	2,7
22-18	102,4	68,3	34,1	22,8	17,1	11,4	8,5	6,8	5,7	4,3	3,4	2,8
22-19	108,1	72,1	36,0	24,0	18,0	12,0	9,0	7,2	6,0	4,5	3,6	3,0
22-20	113,8	75,9	37,9	25,3	19,0	12,6	9,5	7,6	6,3	4,7	3,8	3,2
22-21	119,5	79,7	39,8	26,6	19,9	13,3	10,0	8,0	6,6	5,0	4,0	3,3
22-22	125,2	83,4	41,7	27,8	20,9	13,9	10,4	8,3	7,0	5,2	4,2	3,5
17-18	132,5	88,4	44,2	29,5	22,1	14,7	11,0	8,8	7,4	5,5	4,4	3,7
17-19	139,9	93,3	46,6	31,1	23,3	15,5	11,7	9,3	7,8	5,8	4,7	3,9
17-20	147,3	98,2	49,1	32,7	24,5	16,4	12,3	9,8	8,2	6,1	4,9	4,1
17-21	154,6	103,1	51,5	34,4	25,8	17,2	12,9	10,3	8,6	6,4	5,2	4,3
17-22	162,0	108,0	54,0	36,0	27,0	18,0	13,5	10,8	9,0	6,7	5,4	4,5
17-23	169,4	112,9	56,5	37,6	28,2	18,8	14,1	11,3	9,4	7,1	5,6	4,7
12-17	177,3	118,2	59,1	39,4	29,6	19,7	14,8	11,8	9,9	7,4	5,9	4,9
12-18	187,8	125,2	62,6	41,7	31,3	20,9	15,6	12,5	10,4	7,8	6,3	5,2
12-19	198,2	132,1	66,1	44,0	33,0	22,0	16,5	13,2	11,0	8,3	6,6	5,5
12-20	208,6	139,1	69,5	46,4	34,8	23,2	17,4	13,9	11,6	8,7	7,0	5,8
12-21	219,1	146,0	73,0	48,7	36,5	24,3	18,3	14,6	12,2	9,1	7,3	6,1
12-22	229,5	153,0	76,5	51,0	38,2	25,5	19,1	15,3	12,7	9,6	7,6	6,4
12-23	239,9	159,9	80,0	53,3	40,0	26,7	20,0	16,0	13,3	10,0	8,0	6,7

↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑

*Valori teorici

*Theoretical values

*Valeurs théoriques

*Theoretische Werte

*Valores teóricos

Standard front drive wheels 23x10.50-12 - N.B.: Theoretical values

MaterMacc
MagicSem TC

58220128

A - B	4	6	12	18	24	36	48	60	72	96	120	144
22-17	56.6	37.7	18.9	12.6	9.4	6.3	4.7	3.8	3.1	2.4	1.9	1.6
22-18	59.9	39.9	20.0	13.3	10.0	6.7	5.0	4.0	3.3	2.5	2.0	1.7
22-19	63.2	42.1	21.1	14.0	10.5	7.0	5.3	4.2	3.5	2.6	2.1	1.8
22-20	66.5	44.4	22.2	14.8	11.1	7.4	5.5	4.4	3.7	2.8	2.2	1.8
22-21	69.9	46.6	23.3	15.5	11.6	7.8	5.8	4.7	3.9	2.9	2.3	1.9
22-22	73.2	48.8	24.4	16.3	12.2	8.1	6.1	4.9	4.1	3.0	2.4	2.0
17-18	77.5	51.7	25.8	17.2	12.9	8.6	6.5	5.2	4.3	3.2	2.6	2.2
17-19	81.8	54.5	27.3	18.2	13.6	9.1	6.8	5.5	4.5	3.4	2.7	2.3
17-20	86.1	57.4	28.7	19.1	14.4	9.6	7.2	5.7	4.8	3.6	2.9	2.4
17-21	90.4	60.3	30.1	20.1	15.1	10.0	7.5	6.0	5.0	3.8	3.0	2.5
17-22	94.7	63.2	31.6	21.1	15.8	10.5	7.9	6.3	5.3	3.9	3.2	2.6
17-23	99.0	66.0	33.0	22.0	16.5	11.0	8.3	6.6	5.5	4.1	3.3	2.8
12-17	103.7	69.1	34.6	23.0	17.3	11.5	8.6	6.9	5.8	4.3	3.5	2.9
12-18	109.8	73.2	36.6	24.4	18.3	12.2	9.1	7.3	6.1	4.6	3.7	3.0
12-19	115.9	77.3	38.6	25.8	19.3	12.9	9.7	7.7	6.4	4.8	3.9	3.2
12-20	122.0	81.3	40.7	27.1	20.3	13.6	10.2	8.1	6.8	5.1	4.1	3.4
12-21	128.1	85.4	42.7	28.5	21.3	14.2	10.7	8.5	7.1	5.3	4.3	3.6
12-22	134.2	89.5	44.7	29.8	22.4	14.9	11.2	8.9	7.5	5.6	4.5	3.7
12-23	140.3	93.5	46.8	31.2	23.4	15.6	11.7	9.4	7.8	5.8	4.7	3.9

*Valori teorici

*Theoretical values

*Valeurs théoriques

*Theoretische Werte

*Valores teóricos

MS EVO SEED TABLES

WITH 20x8.00-10 DRIVE WHEELS - N.B.: Theoretical values

Tabella Semina
Seed distribution table
Tableau de distribution des semis
Saatgut-Verteilertisch
Tabla de distribución de semillas
Таблица распределения семян
种子分配台

MAGICSEM PLUS

CM 165

COD.58212036

TC

TAC

A - B	4	8	16	32	72	B - A
22 - 17	66,2	33,1	16,5	8,3	3,7	17 - 22
22 - 18	70,1	35,0	17,5	8,8	3,9	18 - 22
22 - 19	74,0	37,0	18,5	9,2	4,1	19 - 22
22 - 20	77,9	38,9	19,5	9,7	4,3	20 - 22
22 - 21	81,8	40,9	20,4	10,2	4,5	21 - 22
22 - 22	85,6	42,8	21,4	10,7	4,8	22 - 22
17 - 18	90,7	45,3	22,7	11,3	5,0	18 - 17
17 - 19	95,7	47,9	23,9	12,0	5,3	19 - 17
17 - 20	100,8	50,4	25,2	12,6	5,6	20 - 17
17 - 21	105,8	52,9	26,4	13,2	5,9	21 - 17
17 - 22	110,8	55,4	27,7	13,9	6,2	22 - 17
17 - 23	115,9	57,9	29,0	14,5	6,4	23 - 17
12 - 17	121,3	60,7	30,3	15,2	6,7	17 - 12
12 - 18	128,5	64,2	32,1	16,1	7,1	18 - 12
12 - 19	135,6	67,8	33,9	17,0	7,5	19 - 12
12 - 20	142,7	71,4	35,7	17,8	7,9	20 - 12
12 - 21	149,9	74,9	37,5	18,7	8,3	21 - 12
12 - 22	157,0	78,5	39,3	19,6	8,7	22 - 12
12 - 23	164,2	82,1	41,0	20,5	9,1	23 - 12

cm cm

*Valori teorici - *Theoretical values - *Valeurs théoriques - *Theoretische Werte - *Valores teòrico

Tabella Semina
Seed distribution table
Tableau de distribution des semis
Saatgut-Verteilertisch
Tabla de distribución de semillas
Таблица распределения семян
种子分配台

MAGICSEM PLUS

CM 165

COD.58212026

TC

TAC

A - B	4	8	16	32	72	B - A
22 - 17	86,5	43,3	21,6	10,8	4,8	17 - 22
22 - 18	91,6	45,8	22,9	11,5	5,1	18 - 22
22 - 19	96,7	48,4	24,2	12,1	5,4	19 - 22
22 - 20	101,8	50,9	25,5	12,7	5,7	20 - 22
22 - 21	106,9	53,5	26,7	13,4	5,9	21 - 22
22 - 22	112,0	56,0	28,0	14,0	6,2	22 - 22
17 - 18	118,6	59,3	29,6	14,8	6,6	18 - 17
17 - 19	125,2	62,6	31,3	15,6	7,0	19 - 17
17 - 20	131,8	65,9	32,9	16,5	7,3	20 - 17
17 - 21	138,3	69,2	34,6	17,3	7,7	21 - 17
17 - 22	144,9	72,5	36,2	18,1	8,1	22 - 17
17 - 23	151,5	75,8	37,9	18,9	8,4	23 - 17
12 - 17	158,7	79,3	39,7	19,8	8,8	17 - 12
12 - 18	168,0	84,0	42,0	21,0	9,3	18 - 12
12 - 19	177,3	88,7	44,3	22,2	9,9	19 - 12
12 - 20	186,7	93,3	46,7	23,3	10,4	20 - 12
12 - 21	196,0	98,0	49,0	24,5	10,9	21 - 12
12 - 22	205,3	102,7	51,3	25,7	11,4	22 - 12
12 - 23	214,7	107,3	53,7	26,8	11,9	23 - 12

cm cm

*Valori teorici - *Theoretical values - *Valeurs théoriques - *Theoretische Werte - *Valores teòrico

Tabella Semina
Seed distribution table
Tableau de distribution des semis
Saatgut-Verteilertisch
Tabla de distribución de semillas
Таблица распределения семян
种子分配台

MAGICSEM PLUS

CM 165

COD.58212027

TC

TAC

A - B	4	8	16	32	72	B - A
22 - 17	50,6	25,3	12,7	6,3	2,8	17 - 22
22 - 18	53,6	26,8	13,4	6,7	3,0	18 - 22
22 - 19	56,6	28,3	14,1	7,1	3,1	19 - 22
22 - 20	59,5	29,8	14,9	7,4	3,3	20 - 22
22 - 21	62,5	31,3	15,6	7,8	3,5	21 - 22
22 - 22	65,5	32,7	16,4	8,2	3,6	22 - 22
17 - 18	69,3	34,7	17,3	8,7	3,9	18 - 17
17 - 19	73,2	36,6	18,3	9,1	4,1	19 - 17
17 - 20	77,1	38,5	19,3	9,6	4,3	20 - 17
17 - 21	80,9	40,5	20,2	10,1	4,5	21 - 17
17 - 22	84,8	42,4	21,2	10,6	4,7	22 - 17
17 - 23	88,6	44,3	22,2	11,1	4,9	23 - 17
12 - 17	92,8	46,4	23,2	11,6	5,2	17 - 12
12 - 18	98,2	49,1	24,6	12,3	5,5	18 - 12
12 - 19	103,7	51,8	25,9	13,0	5,8	19 - 12
12 - 20	109,2	54,6	27,3	13,6	6,1	20 - 12
12 - 21	114,6	57,3	28,7	14,3	6,4	21 - 12
12 - 22	120,1	60,0	30,0	15,0	6,7	22 - 12
12 - 23	125,5	62,8	31,4	15,7	7,0	23 - 12

cm cm

*Valori teorici - *Theoretical values - *Valeurs théoriques - *Theoretische Werte - *Valores teòrico

MS EVO SEED TABLES

WITH 23x10.50-12 DRIVE WHEELS - N.B.: Theoretical values

Tabella Semina
Seed distribution table
Tableau de distribution des semis
Saatgut-Verteilertisch
Tabla de distribución de semillas
Таблица распределения семян
种子分配台

MAGICSEM PLUS

CM 185

COD.58212028

TC

TAC

A - B	4	8	16	32	72	B - A
22 - 17	74,0	37,0	18,5	9,2	4,1	17 - 22
22 - 18	78,3	39,2	19,6	9,8	4,4	18 - 22
22 - 19	82,7	41,3	20,7	10,3	4,6	19 - 22
22 - 20	87,0	43,5	21,8	10,9	4,8	20 - 22
22 - 21	91,4	45,7	22,8	11,4	5,1	21 - 22
22 - 22	95,7	47,9	23,9	12,0	5,3	22 - 22
17 - 18	101,4	50,7	25,3	12,7	5,6	18 - 17
17 - 19	107,0	53,5	26,7	13,4	5,9	19 - 17
17 - 20	112,6	56,3	28,2	14,1	6,3	20 - 17
17 - 21	118,2	59,1	29,6	14,8	6,6	21 - 17
17 - 22	123,9	61,9	31,0	15,5	6,9	22 - 17
17 - 23	129,5	64,8	32,4	16,2	7,2	23 - 17
12 - 17	135,6	67,8	33,9	17,0	7,5	17 - 12
12 - 18	143,6	71,8	35,9	17,9	8,0	18 - 12
12 - 19	151,6	75,8	37,9	18,9	8,4	19 - 12
12 - 20	159,5	79,8	39,9	19,9	8,9	20 - 12
12 - 21	167,5	83,8	41,9	20,9	9,3	21 - 12
12 - 22	175,5	87,7	43,9	21,9	9,7	22 - 12
12 - 23	183,5	91,7	45,9	22,9	10,2	23 - 12

cm cm

*Valori teorici - *Theoretical values - *Valeurs théoriques - *Theoretische Werte - *Valores teòrico

Tabella Semina
Seed distribution table
Tableau de distribution des semis
Saatgut-Verteilertisch
Tabla de distribución de semillas
Таблица распределения семян
种子分配台

MAGICSEM PLUS

CM 185

COD.58212029

TC

TAC

A - B	4	8	16	32	72	B - A
22 - 17	96,7	48,4	24,2	12,1	5,4	17 - 22
22 - 18	102,4	51,2	25,6	12,8	5,7	18 - 22
22 - 19	108,1	54,1	27,0	13,5	6,0	19 - 22
22 - 20	113,8	56,9	28,4	14,2	6,3	20 - 22
22 - 21	119,5	59,7	29,9	14,9	6,6	21 - 22
22 - 22	125,2	62,6	31,3	15,6	7,0	22 - 22
17 - 18	132,5	66,3	33,1	16,6	7,4	18 - 17
17 - 19	139,9	69,9	35,0	17,5	7,8	19 - 17
17 - 20	147,3	73,6	36,8	18,4	8,2	20 - 17
17 - 21	154,6	77,3	38,7	19,3	8,6	21 - 17
17 - 22	162,0	81,0	40,5	20,2	9,0	22 - 17
17 - 23	169,4	84,7	42,3	21,2	9,4	23 - 17
12 - 17	177,3	88,7	44,3	22,2	9,9	17 - 12
12 - 18	187,8	93,9	46,9	23,5	10,4	18 - 12
12 - 19	198,2	99,1	49,5	24,8	11,0	19 - 12
12 - 20	208,6	104,3	52,2	26,1	11,6	20 - 12
12 - 21	219,1	109,5	54,8	27,4	12,2	21 - 12
12 - 22	229,5	114,7	57,4	28,7	12,7	22 - 12
12 - 23	239,9	120,0	60,0	30,0	13,3	23 - 12

cm cm

*Valori teorici - *Theoretical values - *Valeurs théoriques - *Theoretische Werte - *Valores teòrico

Tabella Semina
Seed distribution table
Tableau de distribution des semis
Saatgut-Verteilertisch
Tabla de distribución de semillas
Таблица распределения семян
种子分配台

MAGICSEM PLUS

CM 185

COD.58212030

TC

TAC

A - B	4	8	16	32	72	B - A
22 - 17	56,6	28,3	14,1	7,1	3,1	17 - 22
22 - 18	59,9	29,9	15,0	7,5	3,3	18 - 22
22 - 19	63,2	31,6	15,8	7,9	3,5	19 - 22
22 - 20	66,5	33,3	16,6	8,3	3,7	20 - 22
22 - 21	69,9	34,9	17,5	8,7	3,9	21 - 22
22 - 22	73,2	36,6	18,3	9,1	4,1	22 - 22
17 - 18	77,5	38,8	19,4	9,7	4,3	18 - 17
17 - 19	81,8	40,9	20,5	10,2	4,5	19 - 17
17 - 20	86,1	43,1	21,5	10,8	4,8	20 - 17
17 - 21	90,4	45,2	22,6	11,3	5,0	21 - 17
17 - 22	94,7	47,4	23,7	11,8	5,3	22 - 17
17 - 23	99,0	49,5	24,8	12,4	5,5	23 - 17
12 - 17	103,7	51,8	25,9	13,0	5,8	17 - 12
12 - 18	109,8	54,9	27,4	13,7	6,1	18 - 12
12 - 19	115,9	57,9	29,0	14,5	6,4	19 - 12
12 - 20	122,0	61,0	30,5	15,2	6,8	20 - 12
12 - 21	128,1	64,0	32,0	16,0	7,1	21 - 12
12 - 22	134,2	67,1	33,5	16,8	7,5	22 - 12
12 - 23	140,3	70,1	35,1	17,5	7,8	23 - 12

cm cm

*Valori teorici - *Theoretical values - *Valeurs théoriques - *Theoretische Werte - *Valores teòrico



VACUUM PRECISION PLANTERS MS 9000 SERIES



MS 9000

Planting unit for minimal intensive tillage, soils heavy and even stony, in the presence and not of crop residue and suitable for direct sowing (no-till).

Ideal working speed: 12-14 Km/h

FOR ORDERS
AVAILABLE
FROM
MARCH 2023



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

MS 9100 PT ELEKTRO

[CORN, SUNFLOWER, SOYBEAN, BEET, RAPE SEED, SORGHUM]

VACUUM PRECISION PLANTERS - Double rigid tool bar pull type



Main features

Precision planter in semi-mounted version with 3-point hitch cat. 2a. The trailed planter allows you to use tractors with low power, the load on the lift is only 1/3 of the total weight of the machine. Electric «full» system of the transmission that guarantees instant sowing, fertilization and eliminates slippage. The system is autonomous and without battery, but capacitors, and does not require routine maintenance. PLUS distributor for one seeding speed up to 14Km/h according to ISO 7256-1. New MS9000 unit designed for the toughest soil conditions intended also for uses for high productivity.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 9000 ELEKTRO
Dow/force to the ground up to 230 Kg
Clod pusher on the standard configuration
Spoked wheels with soil scraper
V-closing wheels 1"
P.d.p. 1000 rpm *
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
ISOBUS compliant* electric motor ECU and electric transmission on each row (virtual terminal not included)
Maintenance-free, tractor independent power supply; no battery required
Led road light kit and panels red/white
Hydraulic disc row maker (specify if marking on center tractor or on wheel track)
One set of seed plates EVO (indicate Nr of holes and Ø)

Seed emptying collector

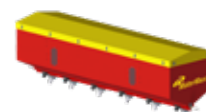
Drive and transport wheels are fitted between the planting units and hydraulically controlled

NOTE: Hydraulic connection from the tractor, minimum 2

(*) The planter is equipped with standard pulley 1000 rpm. 750 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH FERTILIZER

Steel painted hopper
Metering unit holding base in stainless steel
Volumetric metering unit with centralized adjustment
ISOBUS electric drive
Adjustable standard coulter or double disc coulter



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 23 x 10.50-12 (230 mm)

MS 9100 PT ELEKTRO

CONFIGURATIONS ON PAGE 8

VACUUM PRECISION PLANTERS - Double rigid tool bar pull type

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
BASIC VERSION										
	07174550	8	70	600	2150	130	400	-	-	71.780,00
VERSION WITH FERTILIZER DOUBLE DISC COULTER										
	07174585 *	8	70	600	2900	180	400	-	2x700	100.050,00

* The version with fertiliser tank include triple frame
This also includes: turbo disc, row cleaner for seeding unit and a special fertilizer disc with high down-force



Available in the standard equipment

	CODE	DESCRIPTION	PRICE (€)
	09020095	TURBO disc opener with fitting (each row)	830,00
	NOTE	only for version without fertilizer spreader	

ACCESSORIES on page 122

MS 9100 FF ELEKTRO [CORN, SUNFLOWER, SOYA, BEET, RAPE SEED, SORGHUM]

PNEUMATIC PRECISION PLANTERS - Front folding frame



Main features

Precision planter with front hydraulic folding frame. Electric "full" transmission system that guarantees instant sowing, fertilization and microgranulation and eliminates slippage. The system is autonomous and without battery, but capacitors, and does not require routine maintenance. EVO units for a seeding speed up to 14 Km/h according to ISO 7256-1. New MS9000 element designed for the toughest terrain conditions intended also for uses for high productivity.

STANDARD EQUIPMENT BASIC VERSION

Planting unit 9000 ELEKTRO
Dow/force to the ground up to 230 Kg
Clod pusher on the standard configuration
Spoked wheels with soil scraper
V-closing wheels 1"
Hydraulic frame for: telescopic drawbar, front folding and sequential movement of transport wheels
P.d.p. 750 rpm
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
Vacuum meter
Led road light kit and panels red/white
ISOBUS compliant* electric motor ECU and electric transmission on each row (virtual terminal not included)
Maintenance-free, tractor independent power supply; no battery required
One set of EVO type seed plates (indicate Nr of holes and Ø)
Seed emptying collector
Ejector for minute seeds (each row)

NOTE: - The tractor requires a rear ISOBUS socket and at least 3 double-acting hydraulic valves on the tractor. Parallel RTK au-

toguiding with centimetre accuracy is strongly recommended
(*): See page 251 for compatibility table

EQUIPMENT WITH MICROGRANULATOR

One hopper every 1 row
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
ISOBUS electric drive
Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper
Stainless steel metering units support
Volumetric metering unit with centralized adjustment
ISOBUS electric drive
System integrated into the watertight hopper with inspection windows
Adjustable standard coulter
Pneumatic fertilizer distribution on all rows



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 4 of 10.5x18 (270 mm)

MS 9100 FF ELEKTRO

CONFIGURATIONS ON PAGE 8

PNEUMATIC PRECISION PLANTERS - Front folding frame

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

VERSION WITH FERTILIZER DOUBLE DISC COULTER

	07874585	8	70	300/600	3600	140	400	-	2300	98.560,00
	07874685	8	75	300/600	3630	140	400	-	2300	98.560,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR

	07874586	8	70	300/600	3700	140	400	200	2300	108.700,00
	07874686	8	75	300/600	3730	140	400	200	2300	108.700,00



Available in the standard equipment

ACCESSORIES on page 122

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

ACCESSORIES SERIES 9000

	CODE	DESCRIPTION	PRICE (€)
	09090068	Yellow-red reflecting-panels for road transport	0,00
	09520010	Rubber seed press wheel kit for MS9000 (for each unit)	370,00
	09520011	Surcharge Turbo disc Ø380 mm (for each unit). Suggested only for 9100 FF	370,00
	09520012	Surcharge for row cleaner (for each unit). Also compatible with turbo disc.	650,00
	09520013	Surcharge for stones pusher with crampon tip (for each unit)	137,00
	NOTE	Not available with turbo disc and row cleaner	
	09220030	Surcharge for 2" "V" closing wheels (each row)	87,00
	09220032	Surcharge for "V" closing wheels for heavy soils (each row)	105,00
	09520014	Surcharge for cover toothed wheels for MS9000 (each row)	370,00

ACCESSORIES SERIES 9000

	CODE	DESCRIPTION	PRICE (€)
	09040491	VARIOVOLUMEX low dosing arrangement from 40 to 150Kg ha (per row)	30,00
	09040225	Surcharge for stainless steel tank 2x700 (for 6m fixed frame)	2.820,00

ELECTRONICS

CODE	DESCRIPTION	PRICE (€)
09020093	Surcharge for small seed photocell (example: rape seed, radicchio, tomatoes, etc.) for each row	115,00

NOTE: has no contraindications for large seed sensing

MS EVO SEED PLATES (MANDATORY)



CODE	DESCRIPTION	MAIZE	SUNFLOWER	SOYBEAN	SUGAR BEET	SORGHUM	RAPE SEED	COTTON	TOMATO	PUMPKIN	PEANUT	BEAN	COURGETTE	RADICCHIO SALAD	THISTLE	CHICKPEA	SEED SPACING (cm)	PRICE (€)
18140425	4 holes Ø 2.5 mm																66,3-183,5	63,00
18140835	8 holes Ø 3.5 mm																33,1-91,7	63,00
18140845	8 holes Ø 4.5 mm																33,1-91,7	63,00
18141622	16 holes Ø 2.2 mm																16,5-45,9	63,00
18141625	16 holes Ø 2.5 mm																16,5-45,9	63,00
18141630	16 holes Ø 3.0 mm																16,5-45,9	63,00
18141635	16 holes Ø 3.5 mm																16,5-45,9	63,00
18141645	16 holes Ø 4.5 mm																16,5-45,9	63,00
18141655	16 holes Ø 5.5 mm																16,5-45,9	63,00
18143225	32 holes Ø 2.5 mm																8,3-22,9	68,00
18143230	32 holes Ø 3.0 mm																8,3-22,9	68,00
18143240	32 holes Ø 4.0 mm																8,3-22,9	68,00
18143245	32 holes Ø 4.5 mm																8,3-22,9	68,00
18143250	32 holes Ø 5.0 mm																8,3-22,9	68,00
18143255	32 holes Ø 5.5 mm																8,3-22,9	68,00
18147210	72 holes Ø 1.0 mm																3,7-10,2	110,00
18147220	72 holes Ø 2.0 mm																3,7-10,2	110,00
18147235	72 holes Ø 3.5 mm																3,7-10,2	83,00
18147240	72 holes Ø 4.0 mm																3,7-10,2	83,00
18147245	72 holes Ø 4.5 mm																3,7-10,2	83,00
18148440	84 holes Ø 4.0 mm																3,2-8,7	83,00
18148445	84 holes Ø 4.5 mm																3,2-8,7	83,00
18149620	144 holes Ø 1.0 mm																2,8-7,6	124,00
18149635	96 holes Ø 3,5 mm																2,8-7,6	97,00
18145510																	1,8-5,1	124,00

CODE	DESCRIPTION	PRICE (€)
Contact the manufacturer	EVO custom made seed plate [•]	240,00
18130005	EVO seed plate without holes	33,00

NOTE: it is suggested to use the disc with the largest number of holes that meets your clearance requirements.
EXAMPLE: corn at 19cm take the 32 holes instead of the 16 holes
[•]: Indicate number of holes and their diameter



TWIN ROW PNEUMATIC PRECISION PLANTERS



MS TWIN

Planting unit based on MS8000 design that maximizes both crop quality and yields

Ideal working speed: 7-8 Km/h



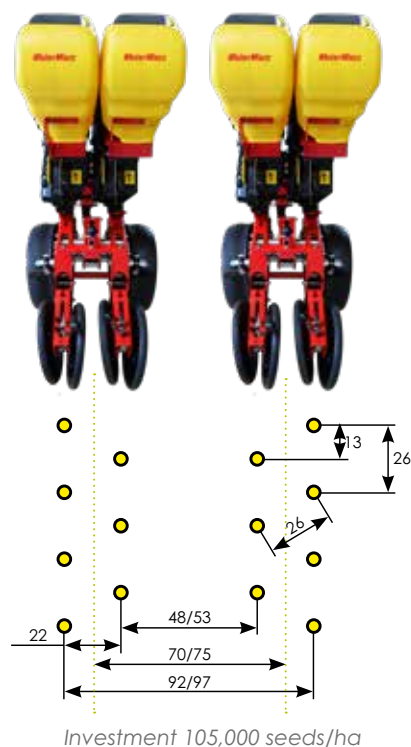
WARNING: Any customized configurations foresee a non-deductible surcharge of 1.000.00€ for feasibility analysis.

MS TWIN [CORN, SOYBEAN, SORGHUM, PEANUT]

VACUUM PRECISION PLANTERS - Twin row



Available in the standard equipment
Not available for 16x2 version



Main features

MS TWIN is the twin row precision planting unit of the MS 8000 range, with double disc coulter, allowing the twin rows to sow using the quincunx technique.

The MaterMacc MS TWIN unit allows sowing twin rows with a spacing of 22 cm. The planter can be configured with 4 to 16 twin rows. Also available with Easy-Set frame (contact the manufacturer for info about the configuration).

STANDARD EQUIPMENT BASIC VERSION

MY 2022 TWIN planting unit (synchronized system)

New cast wheel support Quick-Set system

V-closing wheels 1"

Double rigid tool bar

3 point hitch

P.d.p. 540 rpm (assembled on the fan);

P.d.p. 750 rpm (for machines up to 7 rows)(*);

PTO 1000 rpm (for planters with more than 7 rows)(*)

Drive shaft with free wheel 1" 3/8 Z6-Z6
(718 mm length)

Vacuum meter

Led road light kit and panels red/white (Up to 450 cm frame)

High/low seed density kit (Z17-Z13)

Hydraulic disc row maker (specify if marking on center tractor or on wheel track)

Centralized gearbox 21 ratios

One set of seed plates (indicate Nr of holes and Ø)

Partitioning wall and dropping device for small and large seed (each row)

Seed emptying collector

NOTE: Hydraulic connection from the tractor, minimum 1

(*) The planter is equipped with standard pulley 540 rpm.
750 or 1000 rpm pulleys are provided not installed on the planter.

EQUIPMENT WITH MICROGRANULATOR

One hopper every Twin planting unit

Plastic hopper 25 L capacity

Volumetric metering unit with adjustment

Inside-furrow distribution



EQUIPMENT WITH FERTILIZER

Steel painted hopper

Stainless steel metering unit holding base

Volumetric metering unit with centralized adjustment

Adjustable standard coulter

Additional fan (750rpm PTO) for folding version



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 23 x 10.50-12 (230 mm)

VACUUM PRECISION PLANTERS - Twin row

	CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)			PRICE (€)
							seed	micro	fertil	

BASIC VERSION

	03100450	4x2	70/75	300	1270	100	400	-	-	30.040,00
	03100650	6x2	70/75	450	1480	120	600	-	-	43.380,00
	03100850	8x2	70/75	600	1870	140	800	-	-	57.370,00
	03901650 [#]	16x2-3XL	70	1200	9000	210	1600	-	-	176.610,00

VERSION WITH MICROGRANULATOR

	03100451	4x2	70/75	300	1320	100	400	100	-	33.410,00
	03100651	6x2	70/75	450	1555	120	600	150	-	48.260,00
	03100851	8x2	70/75	600	1970	140	800	200	-	63.340,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER

	03100482	4x2	70/75	300	1450	100	400	-	2x215	35.580,00
	03100682	6x2	70/75	450	1760	120	600	-	2x215	53.460,00
	03100882	8x2	70/75	600	2250	140	800	-	2X700	65.610,00
	03901682 [#]	16x2-3XL	70	1200	10000	210	1600	-	4X930	214.660,00

VERSION WITH FERTILIZER DOUBLE DISC COULTER + MICROGRANULATOR

	03100483	4x2	70/75	300	1500	100	400	100	2x215	38.890,00
	03100683	6x2	70/75	450	1835	120	600	150	2x215	58.290,00
	03100883	8x2	70/75	600	2350	140	800	200	2X700	71.620,00

BASIC VERSION WITH FOLDABLE FRAME

	03700650	6x2	70/75	300/440	1480	130	420	-	-	59.870,00
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VERSION WITH FOLDING FRAME + FERTILIZER SPREADER AND DOUBLE DISC COULTER

	03700682	6x2	70/75	300/440	1760	130	420	-	2x215	71.780,00
--	----------	-----	-------	---------	------	-----	-----	---	-------	-----------

[#] For equipment please check model 3XL 800 (Monotronic 32 not included)

	CODE	DESCRIPTION	PRICE (€)
 NOT HOMOLOGATED	09010162	Integrated hydraulic transport device for tool bar 6 m (transport width 3.3 m) with board lights and tables	7.070,00

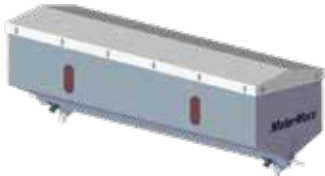
NOTE: Available for tool bars from 6 m and above only. Not compatible with adjustable support for drive wheels 09010075

TWIN ACCESSORIES on page 128

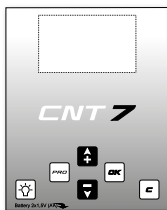
ACCESSORIES MS TWIN

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge yellow-red reflecting-panels for road transport	0,00
	09020132	Spring-loading kit for planting unit Ø 6 mm (each row)	32,00
	09220066	In-between seed covering kit (each row)	117,00
	09220076	Stainless steel seed press wheel kit	320,00
	09220033	Surcharge for V-shaped TWIN compression wheels for heavy soil (every twin rows)	250,00
	09220111	Surcharge for Ø330mm convex closing wheels	270,00
	09020070	Surcharge for ripper for direct seeding on light soil (each row)	52,00
	09120105	TWIN trash wheel row cleaner (one each planting unit)	860,00

ACCESSORIES MS TWIN

	CODE	DESCRIPTION	PRICE (€)
	09020105	Surcharge for Ø380 mm turbo disc for each element (version without spreader)	350,00
	09020112	Surcharge for Ø380 mm turbo disc for each element (version with spreader)	440,00
	09010075	Surcharge for adjustable supports and 7.50-16 drive wheels (for rigid tool bars, 4 m or more)	2.350,00
	09030040	Surcharge for double drive with free wheel (seed only version).	470,00
	09010061	150 mm 1-2-3 point hitch extensions	420,00
	NOTA:	Verify supplied cardan shaft length	
	09040201	Surcharge for stainless steel fertilizer 215 L (each hopper)	370,00
	09040250	Fertilizer spreader extension +345l (INOX) frame 300 and 450cm	1.590,00
	09040255	Fertilizer spreader extension +345l (PAINTED) frame 300 and 450cm	1.280,00
	09040225	Surcharge for fertilizer 2x700 L (stainless steel) on 6m rigid tool bars	2.820,00
	09040235	Surcharge for fertilizer 2x930 L (stainless steel) on 9m rigid tool bars	4.250,00
	09040490	Surcharge for VARIOVOLUMEX low dosage equipment (40/150 kg/ha; 16x2 rows models only; one each row)	25,00
	09040491	Surcharge for VARIOVOLUMEX with centralized adjustment (all models, one per row)	30,00
	09060110	Surcharge for hydraulic motor activated vacuum fan dependent on tractor. Includes: Fan speed display (rpm); Detraction of standard cardan shaft.	1.980,00
	NOTE:	The tractor must provide 40 Liters/Min continuous oil flow with direct back-flow to the tank without counterpression	

CONTROL SYSTEM MS TWIN



CNT7 Hectare – RPM counter

Standard version (3 visualization modes) **"PRO" version** (3 visualization modes)

Hectare counter	Hectare counter + Fan speed (Rpm)
Fan speed (Rpm)	Hectare counter + Working speed (Km/h)
Working speed (Km/h)	Fan speed + Secondary axle speed (Rpm)

CODE	DESCRIPTION	PRICE (€)
19901025	Hectare counter - CNT7 electronic rpm counter	370,00
19901027	"PRO" hectare counter with advanced functions	470,00
19901028	4m hectare counter extension kit	25,00



MONOTRONIC 32 SEED MONITOR

Seeding rate alarm

Average and real-time seed distance on each row

Partial and total hectare counter

Working speed sensor

Control up to 16x2 rows

NOTE: Speed sensor on the tractor wheel

CODE	DESCRIPTION	PRICE (€)
19013108	Monotronic sowing control kit 8 rows (4x2)	3.820,00
19013112	Monotronic sowing control kit 12 rows (6x2)	4.680,00
19013116	Monotronic sowing control kit 16 rows (8x2)	5.540,00
19013232	Monotronic sowing control kit 32 rows (16x2)	10.060,00

CONTROL SYSTEM MS TWIN



[*]: Requires wireless connectivity;
Requires Android 7 and iOS 12 or newer;
Virtual terminal available as optional

MiPlus PLANTER CONTROL SYSTEM (*)

ISO 7256-1 compliant seeding quality check
Manual sowing exclusion control of up to 16x2 rows
Hectars counter and timer (partial and total)
Working speed detection and instant indicator of productivity and investment
Average distance between seeds and average seeds density on the field or on each row
Depression value and fan rpm visualization
Personalized statistics
Frequently used settings can be saved and loaded when needed

NOTE: Speed sensor on the tractor wheel

MiPlus PLANTER CONTROL SYSTEM		
CODE	DESCRIPTION	PRICE (€)
19908010	Planter control system 8 rows (4x2)	4.500,00
19908018	Planter control system 12 rows (6x2)	5.620,00
19908036	Planter control system 16 rows (8x2)	6.920,00
19908084	Planter control system 32 rows (16x2)	11.830,00

Remote control is allowed with data connection via hotspot or dedicated SIM car (Contact the manufacturer for more information).

CODE	DESCRIPTION	PRICE (€)
19908080	Planter control system 8 rows (4x2) with air row exclusion	7.010,00
19908081	Planter control system 12 rows (6x2) with air row exclusion	9.080,00
19908082	Planter control system 16 rows (8x2) with air row exclusion	11.200,00
19908083	Planter control system 32 rows (16x2) with air row exclusion	19.560,00

	CODE	DESCRIPTION	PRICE (€)
	19908030	10" ANDROID tablet with bracket	700,00
	19908031	Annual teleservice subscription and MMconnecta.cloud portal remotely (net price cannot be discounted)	150,00
	NOTE	For models with MiPlus control system only. Requires SIM card (Not included) with a data plan.	

CONTROL SYSTEMS MS TWIN

ISOBUS kit for sowing control *(ECU only, monitor not included)*



ISOBUS

Seeding control system based on ISOBUS standard (ISO 11783). Fully compatible with many tractor/monitor with ISOBUS technology. See page 275 for compatibility chart.

Real time monitoring of seeding distance \ investment

Seeding statistics display (quality, doubles and misses)

Fan speed visualization (Rpm)

Pneumatic row exclusion (Optional*)

NOTE: Speed sensor on the tractor wheel

ISOBUS PLANTER CONTROL KIT

CODE	DESCRIPTION	PRICE (€)
19015290	4x2 TWIN complete ISOBUS sowing control kit	5.060,00
19015292	6x2 TWIN complete ISOBUS sowing control kit	6.190,00
19015294	8x2 TWIN complete ISOBUS sowing control kit	7.290,00
19015298	16x2 TWIN complete ISOBUS sowing control kit	12.190,00

ISOBUS SOWING CONTROL KIT WITH PNEUMATIC ROW EXCLUSION *(With automatic section control*)*

CODE	DESCRIPTION	PRICE (€)
19015291	Complete ISOBUS planter row exclusion kit; 4x2 TWIN rows with pneumatic row exclusion	7.280,00
19015293	Complete ISOBUS planter row exclusion kit; 6x2 TWIN rows with pneumatic row exclusion	9.280,00
19015295	Complete ISOBUS planter row exclusion kit; 8x2 TWIN rows with pneumatic row exclusion	11.310,00
19015299	Complete ISOBUS planter row exclusion kit; 16x2 TWIN rows with pneumatic row exclusion	19.780,00

[*]: The pneumatic exclusion can be automated using Section Control through maps pre-entered by the operator.

Monotronic-Isobus kit

CODE	DESCRIPTION	PRICE (€)
09020093	Surcharge for small seed photocell (example: rape seed, radicchio, tomatoes, etc.) - for each row	115,00

NOTE: has no contraindications for large seed sensing

SEED PLATES MS TWIN



CODE	DESCRIPTION	MAIZE	SUNFLOWER	SOYBEAN	SUGAR BEET	SORGHUM	RAPE SEED	TOMATO	PEANUT	BEAN	RADICCHIO SALAD	CHICKPEA	SEED SPACING	PRICE (€)
													WHEEL 185 cm	
18121225	12 holes Ø 2.5 mm												24.7-61.2	37,00
18121230	12 holes Ø 3.0 mm												24.7-61.2	37,00
18121245	12 holes Ø 4.5 mm												24.7-61.2	37,00
18121255	12 holes Ø 5.5 mm												24.7-61.2	37,00
18122440	24 holes Ø 4.0 mm												12.3-30.6	42,00
18122445	24 holes Ø 4.5 mm												12.3-30.6	42,00
18122450	24 holes Ø 5.0 mm												12.3-30.6	42,00
18122455	24 holes Ø 5.5 mm												12.3-30.6	42,00
18123610	36 holes Ø 1.0 mm												8.2-20.4	73,00
18123620	36 holes Ø 2.0 mm												8.2-20.4	73,00
18123625	36 holes Ø 2.5 mm												8.2-20.4	49,00
18123645	36 holes Ø 4.5 mm												8.2-20.4	49,00
18124845	48 holes Ø 4.5 mm												6.2-15.3	49,00
18124855	48 holes Ø 5.5 mm													49,00
18127220	72 holes Ø 2.0 mm												4.1-10.2	83,00
18127240	72 holes Ø 4.0 mm												4.1-10.2	58,00
18127245	72 holes Ø 4.5 mm												4.1-10.2	58,00
18129610	96 holes Ø 1.0 mm												3.1-7.6	83,00
18129640	96 holes Ø 4.0 mm												3.1-7.6	58,00

CUSTOM MADE SEED PLATES

CODE	DESCRIPTION	PRICE (€)
Contact the manufacturer	Custom made seed plate [*]	192,00

[*]: Indicate number of holes and their diameter

PNEUMATIC PRECISION PLANTERS FOR VEGETABLES



MSO - Planting unit designed for finely prepared soil and raised seedbeds. Can be set up to three rows on the same element
MSO DUO - Planter with MSO characteristics with double distributor. Row spacing between 4 and 10 cm on the same planting unit

Ideal working speed: 4-5 Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

PNEUMATIC VEGETABLE PLANTER



Main features

The MSO series pneumatic sowing planters are the result of MaterMacc's extensive experience in precision sowing. The high versatility of the Magicsem Metering Unit, enhanced by EASY-SET System, makes these seeders suitable for special use such as sowing of beets and vegetables in general.

STANDARD EQUIPMENT BASIC VERSION

Easy-Set tool bar for a quick modification of the row spacing
 ISO 730 Cat. II 3 point hitch
 P.d.p. 540 rpm
 Drive shaft with free wheel 1" 3/8 Z6-Z6
 (718 mm length)
 140mm wide 2 compression wheels: in STAINLESS STEEL per element
 Vacuum meter and liquid pressure gauge
 Seed suction fan
 Seed coverer with adjustable ballast
 Shoe opener
 Pneumatic seed agitator
 Transmission wheels adjustable in height

NOTE: Seed plates not included

STANDARD EQUIPMENT WITH MICROGRANULATOR (*)

One hopper every 2 rows
 Plastic hopper 25 L capacity
 Volumetric metering unit with adjustment
 Inside-furrow distribution (Standard)
 Out-of-furrow distribution



STANDARD EQUIPMENT WITH FERTILIZER (*)

Steel painted hopper
 Stainless steel metering unit holding base
 Volumetric metering unit with centralized adjustment
 Surface distribution



(*) For configuration see page 141

FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 5.00-12

PNEUMATIC VEGETABLE PLANTER

CODE	N° ROWS	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)		PRICE (€)
					seed	micro	

VERSION MSO F1 WITH RIGID TOOL BAR AND EASY-SET

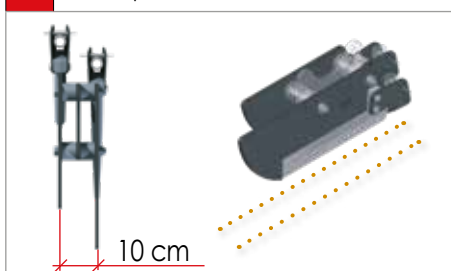
04220401	3	200	425	30	15	-	14.240,00
04220801	4	200	470	30	20	-	16.400,00
04221601	5	200	515	40	25	-	18.770,00
04222601	6	250	560	40	30	-	21.170,00
04223601	7	300	605	60	35	-	23.720,00
04224401	8	300	650	60	40	-	25.830,00
04224601	8	390	650	60	40	-	26.320,00

NOTE: Specify at order the row spacing for standard planting units and/or the distance between rows if F2 or F3 coulters have been required

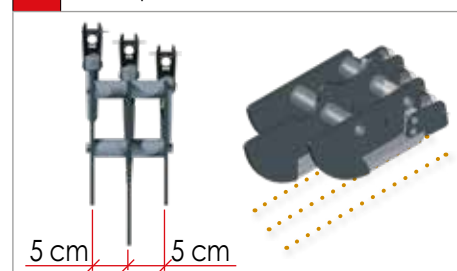
F1 Shoe opener F1 for MSO



F2 Shoe opener F2 for MSO



F3 Shoe opener F3 for MSO



F MSO



ACCESSORIES on page 140

MSO-DUO [VEGETABLES]

PNEUMATIC VEGETABLE PLANTER



Main features

The MSO-DUO planting unit has two MagicSem metering units. The sowing is done in 2 rows per each unit. The metering units can be moved laterally covering the inter-row seeding from 4 to 10 cm.

The MSO and MSO-DUO planting unit, are also fitted with a swinging rocker to control the depth of sowing and a set of rubber coated, steel lattice or press wheels to provide the best seed bed for all types of soil.

STANDARD EQUIPMENT BASIC VERSION

Easy-Set tool bar for a quick modification of the row spacing
ISO 730 Cat. II 3 point hitch
P.d.p. 540 rpm
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
140 mm wide compression wheel in STAINLESS STEEL
Vacuum meter and liquid pressure gauge
Seed suction fan
Seed coverer with adjustable ballast
Shoe opener type F1 (F2-F3 not applicable)
Pneumatic seed agitator
Transmission wheels adjustable in height

NOTE: Seed plates not included

STANDARD EQUIPMENT WITH MICROGRANULATOR (*)

One hopper each DUO planting unit
Plastic hopper 25 L capacity
Volumetric metering unit with adjustment
Inside-furrow distribution (Standard)
Out-of-furrow distribution



STANDARD EQUIPMENT WITH FERTILIZER (*)

Steel painted hopper
Stainless steel metering unit holding base
Volumetric metering unit with central-ized adjustment
Scattered distribution

(*) For configuration see page 141



FIELD SET-UP (see page 3)

FRONT DRIVE WHEELS: 2 of 5.00-12

MSO-DUO [VEGETABLES]

PNEUMATIC VEGETABLE PLANTER

CODE	N° ROWS	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)		PRICE (€)
					seed	micro	

VERSION MSO-DUO F1 WITH RIGID TOOL BAR AND EASY-SET

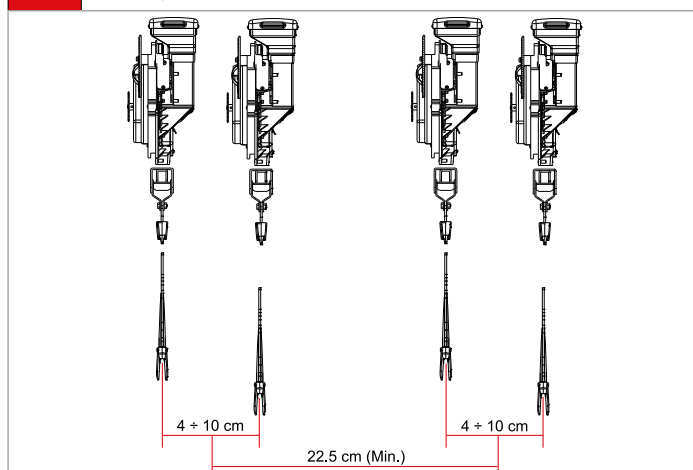
04230401	3x2	200	500	40	30	-	18.850,00
04230801	4x2	200	520	40	40	-	21.930,00
04231601	5x2	200	530	50	50	-	25.280,00
04232601	6x2	250	570	50	60	-	28.750,00
04233601	7x2	300	600	70	70	-	33.090,00
04234401	8x2	300	620	70	80	-	36.120,00
04234601	8x2	390	640	70	80	-	36.890,00

NOTE: Please, specify at order the row spacing between DUO planting units and between F1 shoe coulters on each DUO planting unit.

G MSO-DUO



G1 Shoe opener F1 for MSO-DUO



ACCESSORIES on page 140

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

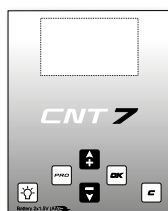
ACCESSORIES MSO

	CODE	DESCRIPTION	PRICE (€)
 F2	04920210	Surcharge for MSO unit from F1 to F2 max 10 cm	340,00
 F3	04920215	Surcharge for MSO unit from F1 to F3 max 5 cm	370,00
	04920040	Surcharge for 15 L hopper (each distributor)	56,00
	04920305	Surcharge for RUBBER type rear press wheel; width: 140 mm	100,00
	04920310	Surcharge for GRID type rear press wheel; width: 140 mm	73,00
	04920150	F1 stainless steel seed press wheel for MSO	250,00
	04920155	F1 rubber seed press wheel for MSO	210,00
	04920160	F2 stainless steel seed press wheel for MSO	370,00
	04920165	F2 rubber seed press wheel for MSO	320,00
	04920170	F3 stainless steel seed press wheel for MSO	590,00
	04920175	F3 rubber seed press wheel for MSO	500,00
	04922160	F1 stainless steel seed press wheel for MSO-DUO	470,00
	04922165	F1 rubber seed press wheel for MSO-DUO	380,00

ACCESSORIES MSO / MSO-DUO

	CODE	DESCRIPTION	PRICE (€)
	09070102	Disc row maker kit (for frames up to 3m)	1.810,00
	09070101	Disc row maker kit (for frames from 3.5 to 4m)	1.920,00
	09060110	Surcharge for hydraulic motor activated vacuum fan dependent on tractor. Includes: Fan speed display (rpm); Detraction of standard cardan shaft.	1.980,00
	NOTE:	<i>The tractor must provide 40 Liters/Min continuous oil flow with direct back-flow to the tank without counterpression</i>	
	09052001	Complete kit Micro MSO F1 1-2 Rows	1.640,00
	09052000	Complete kit Micro MSO F1 3-4 Rows	2.160,00
	09052002	Complete kit Micro MSO F1 5-6 Rows	2.630,00
	09052003	Complete kit Micro MSO F1 7-8 Rows	2.910,00
	09052004	Complete kit Micro MSO F1 9-10 Rows	3.120,00
	09052005	Complete kit Micro MSO F1 11-12 Rows	4.620,00
	09052006	Complete kit Micro MSO F2/F3 1-2 Rows	1.970,00
	09052007	Complete kit Micro MSO F2/F3 3-4 Rows	2.800,00
	09052008	Complete kit Micro MSO F2/F3 5-6 Rows	3.600,00
	09052009	Complete kit Micro MSO F2/F3 7-8 Rows	4.420,00
	09052010	Complete kit Micro MSO F2/F3 9-10 Rows	5.490,00
	09052011	Complete kit Micro MSO F2/F3 11-12 Rows	6.550,00
	09052012	Complete kit Micro MSO DUO 2x2 Rows (One Micro each DUO unit)	2.350,00
	09052013	Complete kit Micro MSO DUO 4x2 Rows (One Micro each DUO unit)	3.570,00
	09052014	Complete kit Micro MSO DUO 6x2 Rows (One Micro each DUO unit)	4.760,00
	09052015	Complete kit Micro MSO DUO 8x2 Rows (One Micro each DUO unit)	5.930,00
	09052016	Complete kit Micro MSO DUO 10x2 Rows (One Micro each DUO unit)	7.400,00
	09052017	Complete kit Micro MSO DUO 12x2 Rows (One Micro each DUO unit)	8.840,00
	09040010	Fertilizer applicator for 2 rows fixed tool bar (2 x 100 Lt)	2.260,00
	09040020	Fertilizer applicator for 4 rows fixed tool bar (2 x 165 Lt)	2.710,00
	09040030	Fertilizer applicator for 6 rows fixed tool bar (2 x 215 Lt)	2.980,00
	09040050	Fertilizer applicator for 8 rows fixed tool bar (2 x 215 Lt)	3.340,00
	09040080	Fertilizer applicator for 12 rows fixed tool bar (4 x 215 Lt)	7.180,00
	NOTE:	<i>Kit fertilizer applicator for MSO and MSO-DUO without coulters.</i>	
	09040202	Surcharge for stainless steel fertilizer 100 L (each hopper)	300,00
	09040200	Surcharge for stainless steel fertilizer 165 L (each hopper)	340,00
	09040201	Surcharge for stainless steel fertilizer 215 L (each hopper)	370,00

CONTROL SYSTEMS MSO-MSO DUO



CNT7 Hectare – RPM counter

Standard version (3 visualization modes)	"PRO" version (3 visualization modes)
Hectare counter	Hectare counter + Fan speed (Rpm)
Fan speed (Rpm)	Hectare counter + Working speed (Km/h)
Working speed (Km/h)	Fan speed + Secondary axle speed (Rpm)

CODE	DESCRIPTION	PRICE (€)
19901025	Standard version - CNT7 Hectare - Rpm counter	370,00
19901027	"PRO" version - CNT7 Hectare - Rpm counter	470,00
19901028	4m hectare counter extension kit	25,00



[*]: Requires wireless connectivity;
Requires Android 7 and iOS 12 or newer;
Virtual terminal available as optional

MiPlus PLANTER CONTROL SYSTEM (*)

ISO 7256-1 compliant seeding quality check
Hectare counter and timer (partial and total)
Working speed detection and instant indicator of productivity and investment
Average distance between seeds and average seeds density on the field or on each row
Depression value and fan rpm visualization
Personalized statistics
Frequently used settings can be saved and loaded when needed
NOTE: Speed sensor on the tractor wheel

MiPlus for MSO PLANTER CONTROL SYSTEM (only f1)

CODE	DESCRIPTION	PRICE (€)
19908064	Planter control system 3 rows	3.340,00
19908065	Planter control system 4 rows	3.710,00
19908066	Planter control system 5 rows	4.070,00
19908067	Planter control system 6 rows	4.430,00
19908068	Planter control system 7 rows	4.800,00
19908069	Planter control system 8 rows (3-4m tool bar)	5.160,00
19908070	Planter control system 9 rows (3-4m tool bar)	5.530,00
19908071	Planter control system 10 rows (3-4m tool bar)	5.920,00
19908072	Planter control system 11 rows (3-4m tool bar)	6.320,00
19908073	Planter control system 12 rows (3-4m tool bar)	6.740,00

MiPlus for MSO DUO PLANTER CONTROL SYSTEM

CODE	DESCRIPTION	PRICE (€)
19908067	Planter control system 3x2 rows	4.430,00
19908069	Planter control system 4x2 rows	5.160,00
19908071	Planter control system 5x2 rows	5.920,00
19908073	Planter control system 6x2 rows	6.740,00
19908074	Planter control system 7x2 rows	7.530,00
19908075	Planter control system 8x2 rows (3 and 4m frame)	8.330,00

	CODE	DESCRIPTION	PRICE (€)
	19908030	10" ANDROID tablet with support	700,00
	19908031	Annual teleservice subscription and MMconnecta portal remotely (net price cannot be discounted)	150,00
	NOTE	For models with MiPlus control system only. Requires SIM card (Not included) for data connection.	

SEED PLATES

MSO / MSO-DUO (MANDATORY)

SINGLE LINE SEED DISCS (MSO / MSO-DUO)			
CODE	DESCRIPTION	SEED SPACING	PRICE (€)
		WHEEL 185 cm	
18120425	4 holes Ø 2.5 mm	74.0-183.5	37,00
18120620	6 holes Ø 2.0 mm	49.3-122.3	63,00
18120625	6 holes Ø 2.5 mm	49.3-122.3	37,00
18120635	6 holes Ø 3.5 mm	49.3-122.3	37,00
18121210	12 holes Ø 1.0 mm	24.7-61.2	63,00
18121220	12 holes Ø 2.0 mm	24.7-61.2	63,00
18121225	12 holes Ø 2.5 mm	24.7-61.2	37,00
18121235	12 holes Ø 3.5 mm	24.7-61.2	37,00
18121808	18 holes Ø 0.8 mm	16.4-40.8	63,00
18121810	18 holes Ø 1.0 mm	16.4-40.8	63,00
18122406	24 holes Ø 0.6 mm	12.3-30.6	68,00
18122408	24 holes Ø 0.8 mm	12.3-30.6	68,00
18122410	24 holes Ø 1.0 mm	12.3-30.6	68,00
18122420	24 holes Ø 2.0 mm	12.3-30.6	68,00
18123608	36 holes Ø 0.8 mm	8.2-20.4	73,00
18123610	36 holes Ø 1.0 mm	8.2-20.4	73,00
18123615	36 holes Ø 1.5 mm	8.2-20.4	73,00
18124806	48 holes Ø 0.6 mm	6.2-15.3	73,00
18124808	48 holes Ø 0.8 mm	6.2-15.3	73,00
18124810	48 holes Ø 1.0 mm	6.2-15.3	73,00
18126010	60 holes Ø 1.0 mm	4.9-12.2	73,00
18127206	72 holes Ø 0.6 mm	4.1-10.2	83,00
18127208	72 holes Ø 0.8 mm	4.1-10.2	83,00
18127210	72 holes Ø 1.0 mm	4.1-10.2	83,00
18127215	72 holes Ø 1.5 mm	4.1-10.2	83,00
18127220	72 holes Ø 2.0 mm	4.1-10.2	83,00
18129606	96 holes Ø 0.6 mm	3.1-7.6	83,00
18129608	96 holes Ø 0.8 mm	3.1-7.6	83,00
18129610	96 holes Ø 1.0 mm	3.1-7.6	83,00
18125210	120 holes Ø 1.0 mm	2.5-6.1	98,00
18125506	144 holes Ø 0.6 mm	2.1-5.1	98,00
18125508	144 holes Ø 0.8 mm	2.1-5.1	98,00
18125510	144 holes Ø 1.0 mm	2.1-5.1	98,00
18125515	144 holes Ø 1.5 mm	2.1-5.1	98,00
18125706	180 holes Ø 0.6 mm	2.1-5.1	130,00
18125708	180 holes Ø 0.8 mm	2.1-5.1	130,00

DOUBLE LINE SEED DISCS (MSO)			
CODE	DESCRIPTION	SEED SPACING	PRICE (€)
		WHEEL 185 cm	
18506448	S3 holes F2x48 Ø 0.6 mm	6.2-15.3	91,00
18508448	S3 holes F2x48 Ø 0.8 mm	6.2-15.3	91,00
18510448	S3 holes F2x48 Ø 1.0 mm	6.2-15.3	91,00
18512448	S3 holes F2x48 Ø 1.2 mm	6.2-15.3	91,00
18508460	S3 holes F2x60 Ø 0.8 mm	4.9-12.2	91,00
18512460	S3 holes F2x60 Ø 1.2 mm	4.9-12.2	91,00
18515460	S3 holes F2x60 Ø 1.5 mm	4.9-12.2	91,00
18506472	S3 holes F2x72 Ø 0.6 mm	4.1-10.2	107,00
18508472	S3 holes F2x72 Ø 0.8 mm	4.1-10.2	107,00
18510472	S3 holes F2x72 Ø 1.0 mm	4.1-10.2	107,00
18515472	S3 holes F2x72 Ø 1.5 mm	4.1-10.2	107,00
18506496	S3 holes F2x96 Ø 0.6 mm	3.1-7.6	107,00
18508496	S3 holes F2x96 Ø 0.8 mm	3.1-7.6	107,00
18510496	S3 holes F2x96 Ø 1.0 mm	3.1-7.6	107,00
18515496	S3 holes F2x96 Ø 1.5 mm	3.1-7.6	107,00
185064E4	S3 holes F2x144 Ø 0.6 mm	2.1-5.1	130,00
185104E4	S3 holes F2x144 Ø 1.0 mm	2.1-5.1	130,00
185104I0	S3 holes F2x180 Ø 1.0 mm	2.1-5.1	166,00

TRIPLE LINE SEED DISCS (MSO)			
CODE	DESCRIPTION	SEED SPACING	PRICE (€)
		WHEEL 185 cm	
18515624	S3 holes F3x24 Ø 1.5 mm	12.3-30.6	115,00
18506648	S3 holes F3x48 Ø 0.6 mm	6.2-15.3	119,00
18508648	S3 holes F3x48 Ø 0.8 mm	6.2-15.3	119,00
18515660	S3 holes F3x60 Ø 1.5 mm	4.9-12.2	119,00
18510672	S3 holes F3x72 Ø 1.0 mm	4.1-10.2	145,00
18506696	S3 holes F3x96 Ø 0.6 mm	3.1-7.6	145,00
18508696	S3 holes F3x96 Ø 0.8 mm	3.1-7.6	145,00
185066E4	S3 holes F3x144 Ø 0.6 mm	2.1-5.1	177,00
185156E4	S3 holes F3x144 Ø 1.5 mm	2.1-5.1	177,00

CUSTOM MADE SEED PLATES		
CODE	DESCRIPTION	PRICE (€)
Contact the manufacturer	Custom made F1 seed plate [*]	192,00
	Custom made F2 seed plate [*]	230,00
	Custom made F3 seed plate [*]	280,00

[*]: Indicate number of holes and their diameter

SEED PLATES

MSO / MSO-DUO

TYPE OF CROP - (RECOMMENDED) SEED PLATE HOLE DIAMETER

	CROP	DISC HOLE (mm) Ø							
		0,6	0,8	1,0	1,2	1,5	2,0	2,5	3,5
	THISTLE							2,5	
	PUMPKIN						2,0	2,5	3,5
	COURGETTE								3,5
	CUCUMBER					1,5	2,0	2,5	
	ASPARAGUS						2,0		
	TOMATO		0,8	1,0	1,2				
	PEPPER		0,8	1,0					
	PAPRIKA					1,5			
	AUBERGINE		0,8	1,0					
	FENNEL			1,0					
	COATED FENNEL						2,0		
	ONION		0,8	1,0	1,2				
	COATED ONION						2,0		
	SHALLOT		0,8	1,0		1,5			
	COATED PARSNIP						2,0		
	CARROT	0,6	0,8						
	COATED CARROT			1,0	1,2	1,5			
	TURNIP		0,8	1,0			2,0		
	RADISH		0,8	1,0		1,5			
	LETTUCE	0,6	0,8						
	COATED LETTUCE						2,0		
	CHICORY	0,6							
	RADICCHIO SALAD	0,6		1,0	1,2				
	SPINACH			1,0		1,5			
	VALERIAN		0,8						
	LEEK		0,8	1,0		1,5			
	CELERY	0,6							
	BROCCOLI		0,8	1,0					
	CABBAGE		0,8	1,0	1,2				
	CAULIFLOWER			1,0					
	SAGE			1,0					
	BORAGE					1,5			
	CORIANDER				1,2				
	MUSTARD		0,8	1,0					
	POPPY		0,8						

STANDARD SEEDING CHARTS

Standard front drive wheels 5.00 x 12 and 23 x 10.50-12 - N.B.: Theoretical values

MaterMacc
MagicSem TC

58220126

Z18
Z18

A - B	4	6	12	18	24	36	48	60	72	96	120	144
22-17	74,0	49,3	24,7	16,4	12,3	8,2	6,2	4,9	4,1	3,1	2,5	2,1
22-18	78,3	52,2	26,1	17,4	13,1	8,7	6,5	5,2	4,4	3,3	2,6	2,2
22-19	82,7	55,1	27,6	18,4	13,8	9,2	6,9	5,5	4,6	3,4	2,8	2,3
22-20	87,0	58,0	29,0	19,3	14,5	9,7	7,3	5,8	4,8	3,6	2,9	2,4
22-21	91,4	60,9	30,5	20,3	15,2	10,2	7,6	6,1	5,1	3,8	3,0	2,5
22-22	95,7	63,8	31,9	21,3	16,0	10,6	8,0	6,4	5,3	4,0	3,2	2,7
17-18	101,4	67,6	33,8	22,5	16,9	11,3	8,4	6,8	5,6	4,2	3,4	2,8
17-19	107,0	71,3	35,7	23,8	17,8	11,9	8,9	7,1	5,9	4,5	3,6	3,0
17-20	112,6	75,1	37,5	25,0	18,8	12,5	9,4	7,5	6,3	4,7	3,8	3,1
17-21	118,2	78,8	39,4	26,3	19,7	13,1	9,9	7,9	6,6	4,9	3,9	3,3
17-22	123,9	82,6	41,3	27,5	20,6	13,8	10,3	8,3	6,9	5,2	4,1	3,4
17-23	129,5	86,3	43,2	28,8	21,6	14,4	10,8	8,6	7,2	5,4	4,3	3,6
12-17	135,6	90,4	45,2	30,1	22,6	15,1	11,3	9,0	7,5	5,7	4,5	3,8
12-18	143,6	95,7	47,9	31,9	23,9	16,0	12,0	9,6	8,0	6,0	4,8	4,0
12-19	151,6	101,0	50,5	33,7	25,3	16,8	12,6	10,1	8,4	6,3	5,1	4,2
12-20	159,5	106,4	53,2	35,5	26,6	17,7	13,3	10,6	8,9	6,6	5,3	4,4
12-21	167,5	111,7	55,8	37,2	27,9	18,6	14,0	11,2	9,3	7,0	5,6	4,7
12-22	175,5	117,0	58,5	39,0	29,2	19,5	14,6	11,7	9,7	7,3	5,8	4,9
12-23	183,5	122,3	61,2	40,8	30,6	20,4	15,3	12,2	10,2	7,6	6,1	5,1

*Valori teorici

*Theoretical values

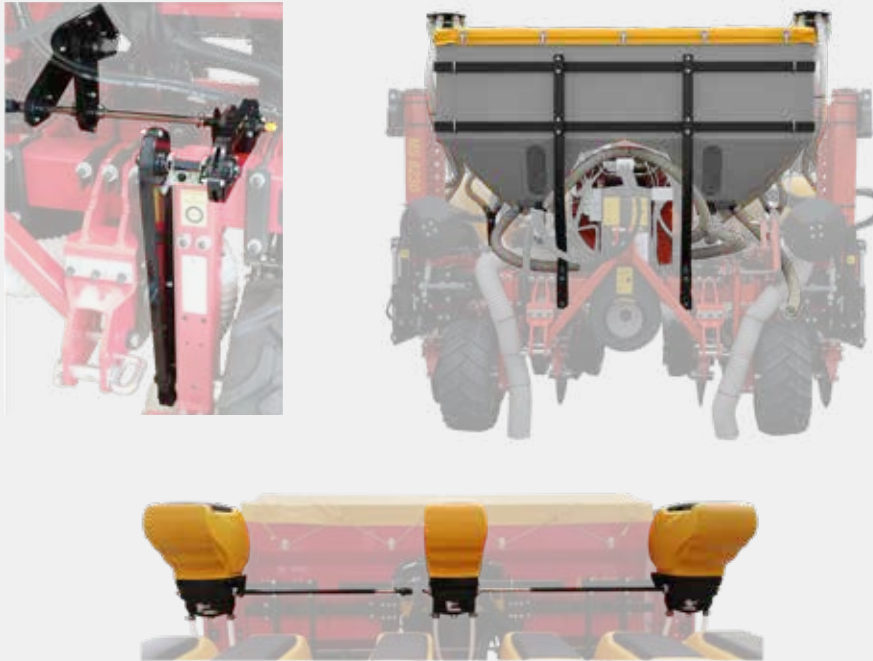
*Valeurs théoriques

*Theoretische Werte

*Valores teóricos



After sales kit



MS-TWIN-MSO Series



WARNING:

The products offered in this price list have been designed for MaterMacc machines produced from 2015 onwards; for machines manufactured before this date, contact the manufacturer.

The CE certificate of MaterMacc agricultural machinery is valid only for after-sales kits whose use was provided for in the design phase.

For each kit sold after-sales, absolute compatibility with the machine owned by the Customer is not guaranteed, it may not be standard and specific assembly diagrams will not be provided for each model. Therefore, installation on the MaterMacc site by specialized technical personnel is recommended.

MaterMacc S.p.A. accepts no responsibility for legislative non-compliance, damage to persons or property resulting from the autonomous installation of the after-sales kits in this price list.

MS SERIES

AFTER SALES KIT

PNEUMATIC PRECISION PLANTERS

OPERATING ELEMENT			
	CODE	DESCRIPTION	PRICE (€)
MS4000	09120040	Planting unit conversion kit from shoe to double disc opener	400,00
	09120050	Element conversion kit from double disc to shoe opener	192,00
MS4000-MS8000	09020106	Right Ø380 mm turbo disc kit	600,00
	09020107	Left Ø380 mm turbo disc kit	600,00
MS8000	09220116	Farmflex Ø370 mm compression wheel kit	730,00
	09220040	V-shaped 2" compression wheels kit	250,00
	09220042	Complete set of "V" shaped closing wheels for heavy soil	280,00
MS8000-TWIN	09220119	Concave Ø330 mm compression wheels kit	700,00
	09220118	2" unica compression wheels kit	390,00
TWIN	09220043	Complete set of "V" shaped closing wheels for heavy soil	600,00
MSO	04920220	Conversion kit from F1/F3 to F2	480,00
	04920230	Conversion kit from F1/F2 to F3	520,00

ROW MAKER			
	CODE	DESCRIPTION	PRICE (€)
	09070128*	MS row maker kit for 250cm fixed frames (MSX100-MSX200)	1.760,00
	09070102*	MS row maker kit for 300cm fixed frames (MSX100-MSX200)	1.810,00
	09070101*	MS row maker kit for fixed frames from 350 to 400cm (MSX100-MSX200)	1.920,00
	09070100*	MS row maker kit for 600cm fixed frames (MSX100-MSX200)	2.230,00
	09070126*	MS row maker kit for 900cm fixed frames (MSX100-MSX200)	3.600,00
	09070127*	MS row maker kit for Super-L fixed frames 1200cm	6.330,00
	09070103*	MS8130 row maker kit	1.940,00
	09070106*	MSX230 row maker kit for 6x45/50 and 8x37.5	2.130,00
	09070107*	MSX230 row maker kit for 6x70/75, 7-8-9x45/50 and 12x37.5	2.190,00
	09070115*	MSX230 row maker kit for 6x80	3.240,00
	09070120*	MSX230 row maker kit for 7-8x70/80, 9x60 and 11-12x45/50	3.130,00
	09070180*	3XL row maker kit 1200cm	8.490,00
	09070185*	3XL row maker kit from 1500 to 1700cm	9.680,00
	09070008	Disc kit for row maker	370,00

[*]: This code can also be used as a deduction when, for example, a GPS system is used for driving. Includes hydraulic supports and fittings.

MS SERIES AFTER SALES KIT

PNEUMATIC PRECISION PLANTERS

TRANSMISSIONS

	CODE	DESCRIPTION	PRICE (€)
	09030011	Fertilizer transmission unit + microgranulator	910,00
	09030010	Fertilization transmission unit	580,00
	09030016	MIDI fertilizer transmission unit	810,00
	09030018	MS8100 PT fertilizer transmission unit (includes contact wheel)	4.140,00
	NOTE	The contact wheel must touch a support wheel to operate the transmission	
	09030020	MS Super fertilizer transmission unit	700,00
	09030021	MS Super L fertilizer transmission unit	910,00
	09030022	MS 3XL fertilizer transmission unit 32x45 and 24x70 versions	4.920,00
	09030023	MS 3XL fertilizer transmission unit 24x45 and 16x70 versions	2.750,00
	09030012	Microgranulator transmission unit	810,00
	09030013	Microgranulator transfer unit (with fertilization already present)	390,00
	09030017	MIDI microgranulator transfer unit (with fertilization already present)	390,00
	09030014	MIDI microgranulator transfer unit (with fertilization already present)	390,00
	09030019	MS8100 PT microgranulator transfer unit (with fertilization already present)	500,00
	09030055	Kit for 23 X 10.50-12 oversized wheels	820,00
	NOTE	Wheel track 180 cm not available on 250/254cm tool bars	
MS4000-MS8000-TWIN	09010077	Kit for adjustable support and 7.50-16 wheels (for 4 m or more rigid tool bars)	3.530,00
	09030042	Double drive kit with free wheel (seed only version)	670,00
	09060116	Fan hydraulic motor activated kit dependent on tractor. Includes: fan revolutions display	2.260,00
	NOTE	The tractor must provide 40 litres/min continuous oil flow with direct back-flow to the tank without back pressure	

FERTILIZER SPREADER

	CODE	DESCRIPTION	PRICE (€)
	09040020 Δ	Complete fertilizer spreader for 4x75 fixed tool bar (without elements) 2x165	2.710,00
	09040030 Δ	Complete fertilizer spreader for 6x75 fixed tool bar (without elements) 2x215 (also for MSX130)	2.980,00
	09040050 Δ	Complete fertilizer spreader for 8x45 fixed tool bar (without elements) 2x215	3.340,00
	09040070 Δ	Complete fertilizer spreader for 8x75 fixed tool bar (without elements) 4x215	4.980,00
	09040071 Δ	Complete fertilizer spreader for 8x75 fixed PT tool bar (without elements) 2x700	5.400,00
	09040080 Δ	Complete fertilizer spreader for 12x45 fixed tool bar (without elements) 4x215	7.180,00
	09040085 Δ	Complete fertilizer spreader for 12x75 fixed tool bar (without elements) 6x215	9.390,00
	09040095 Δ	Complete fertilizer spreader for 18x45 fixed tool bar (without elements) 6x215	12.640,00
	09040086 Δ	Complete fertilizer spreader for 16x75 fixed tool bar (without elements) 4x580	14.240,00
	09040087 Δ	Complete fertilizer spreader for 24x45 fixed tool bar (without elements) 4x580	17.710,00
	09040096 Δ	3XL complete fertilizer spreader for 16x70 fixed tool bar (without elements) 4x930	17.900,00
	09040097 Δ	3XL complete fertilizer spreader for 24x45 fixed tool bar (without elements) 4x930	19.230,00
	09040098 Δ	3XL complete fertilizer spreader for 24x70 fixed tool bar (without elements) 4x1410	21.990,00
	09040099 Δ	3XL complete fertilizer spreader for 32x45 fixed tool bar (without elements) 4x1150	24.330,00

[Δ]: Includes supports for anchoring to the frame relative to a standard configuration. If you have a non-standard configuration, contact the manufacturer

	09040041 Δ	Fertilizer spreader for (7x50) 6x45-75 folding frame (without elements) 2x165L	3.070,00
	09040106 Δ#	MIDI-INOX pneumatic fertilizer spreader for 6x45-75 folding frame (without elements) 1000L	9.350,00
	09040107 Δ#	MIDI-INOX pneumatic fertilizer spreader for 7x50-6x75/80 folding frame (without elements) 1280L	9.870,00
	09040108 Δ#	MIDI-INOX pneumatic fertilizer spreader for 8x45-75/80 folding frame (without elements) 1280L	10.080,00
	09040109 Δ#	MIDI-INOX pneumatic fertilizer spreader for 9x45- 8x80 folding frame (without elements) 1280L	10.390,00
	09040110 Δ#	MIDI-INOX pneumatic fertilizer spreader for 12x45- 8x80 folding frame (without elements) 1280L	12.610,00

[#]: Includes additional fertilizer blower

	09040315	Mandatory reinforced tool bar for double disc fertilizer elements (specify exact model with serial number)	1.340,00
	NOTE	Mandatory accessory only with a 120x70 single tool bar	
	09040313	RH double disc fertilizer coulter	670,00
	09040314	LH double disc fertilizer coulter	670,00
	09040306	Fertilizer disc coulter attachment (Easy-Set tool bar)	65,00
	09040308	Fertilizer disc coulter attachment (Fixed tool bar)	80,00
	09040326	RH fertilizer tine with coulter, 3-spiral mounted	240,00
	09040327	LH fertilizer tine with coulter, 3-spiral mounted	240,00
	09040305	Fitting for Easy-Set fertilizer coulter	89,00
	09040307	Fitting for rigid tool bar fertilizer coulter	98,00

MICROGRANULATORS

	CODE	DESCRIPTION	PRICE (€)
	09050200	Surcharge for stainless steel microgranulator 12 L (each hopper)	55,00
	09050210	Surcharge for stainless steel microgranulator 27 L (each hopper)	110,00
	09050020 ‡	Complete microgranulator for 4x75 fixed frame	2.550,00
	09050030 ‡	Complete microgranulator for 6x75 fixed frame (also MSX130)	3.020,00
	09050050 ‡	Complete microgranulator for 8x45 fixed frame	3.480,00
	09050070 ‡	Complete microgranulator for 8x75 fixed frame	3.930,00
	09050090 ‡	Complete microgranulator for 12x45 fixed frame	5.710,00
	09050040 ‡	Complete microgranulator for 6x45-75/80 folding frame	3.560,00
	09050047 ‡	Complete microgranulator for 7x50-6x75/80 folding frame	4.280,00
	09050080 ‡	Complete microgranulator for 8x45-75/80 folding frame	4.230,00
	09050088 ‡	Complete microgranulator for 9x45-8x80 folding frame	5.180,00
	09050100 ‡	Complete microgranulator for 12x45-8x80 folding frame	6.230,00

[‡]: High-density polyethylene tanks. Capacity: 25 litres. Includes supports suitable for standard configurations of the mentioned models. If you have a machine with a non-standard configuration, contact the manufacturer.

NOTE: Choose the transmission suitable for your planter



[*]: Requires wireless connectivity;
Requires Android 7 and iOS 12 or newer;
Virtual terminal available as optional

MiPlus PLANTER CONTROL SYSTEM (*)

ISO 7256-1 compliant seeding quality check
Hectare counter and timer (partial and total)
Working speed detection and instant indicator of productivity and investment
Average distance between seeds and average seeds density on the field or on each row
Depression value and fan rpm visualization
Personalized statistics
Frequently used settings can be saved and loaded when needed
NOTE: Speed sensor on the tractor wheel

MiPlus PLANTER CONTROL SYSTEM		
CODE	DESCRIPTION	PRICE (€)
19908042	Kit Planter control system 4 rows	2.570,00
19908044	Kit Planter control system 5 rows	2.660,00
19908046	Kit Planter control system 6 rows	2.730,00
19908048	Kit Planter control system 7 rows	2.810,00
19908050	Kit Planter control system 8 rows	2.880,00
19908040	Kit Planter control system 8 rows pull type	3.280,00
19908052	Kit Planter control system 9 rows	2.970,00
19908056	Kit Planter control system 11 rows	3.130,00
19908058	Kit Planter control system 12 rows	3.190,00
19908062	Kit Planter control system 12 rows Super	3.410,00
19908102	Kit Planter control system 16 rows	3.600,00
19908086	Kit Planter control system 16 rows for 3XL	4.060,00
19908103	Kit Planter control system 18 rows	3.750,00
19908104	Kit Planter control system 24 rows	4.190,00
19908085	Kit Planter control system 24 rows for 3XL	4.690,00
19908105	Kit Planter control system 32 rows for 3XL	5.230,00

Kit without seed sensing photocell

ELECTRONICS

MiPlus PLANTER CONTROL SYSTEM WITH ROW EXCLUSION ARRANGEMENT		
CODE	DESCRIPTION	PRICE (€)
19908043	Kit. Planter control system conversion 4 rows+ exclusions cables	2.850,00
19908045	Kit. Planter control system conversion 5 rows+ exclusions cables	3.000,00
19908047	Kit. Planter control system conversion 6 rows+ exclusions cables	3.150,00
19908049	Kit. Planter control system conversion 7 rows+ exclusions cables	3.280,00
19908051	Kit. Planter control system conversion 8 rows+ exclusions cables	3.440,00
19908041	Kit. Planter control system conversion 8 rows pull type + exclusions cables	3.820,00
19908053	Kit. Planter control system conversion 9 rows+ exclusions cables	3.590,00
19908057	Kit. Planter control system conversion 11 rows+ exclusions cables	3.880,00
19908059	Kit. Planter control system conversion 12 rows+ exclusions cables	4.020,00
19908063	Kit. Planter control system 12 rows Super + exclusion cables	4.240,00
19908087	Kit. Planter control system conversion 16 rows+ exclusions cables	4.820,00
19908088	Kit. Planter control system conversion 16 rows for 3XL + exclusions cables	5.280,00
19908089	Kit. Planter control system conversion 18 rows+ exclusions cables	5.110,00
19908090	Kit. Planter control system conversion 24 rows+ exclusions cables	5.990,00
19908091	Kit. Planter control system conversion 24 rows for 3 XL + exclusions cables	6.570,00
19908092	Kit. Planter control system conversion 32 rows for 3XL + exclusions cables	7.600,00

Kits without seed sensing photocell and row exclusion valves (see codes below)

ADDITIONAL KITS: PHOTOCELLS AND VALVES		
CODE	DESCRIPTION	PRICE (€)
19901005	Seed descent tube with photocell (per row)	290,00
09020093	Surcharge also for small seed photocell (per row)	115,00
19901006	Air exclusion valve (per row)	260,00
19901007	Electromagnetic exclusion valve (per row)	520,00

KIT ELEKTRO

Complete Elektro kits for transformation from mechanical to electric transmission

OPERATING ELEMENT			
	CODE	DESCRIPTION	PRICE (€)
	19908093	ELEKTRO 12X70 kit for fixed frame with fan alternator mechanical (for all configurations)	26.200,00
	19908094	ELEKTRO 16X70 kit for fixed frame (SUPER L) with alternator for hydraulic fan (for all configurations)	38.120,00
	19908095	ELEKTRO 16X70 kit for fixed towed frame (3XL) with alternator for hydraulic fan (for all configurations)	40.850,00
	19908096	ELEKTRO 24X70 kit for fixed towed frame (3XL) with alternator for hydraulic fan (for all configurations)	58.310,00

NOTE: The kit includes: electric motors with their own engine ECU, wiring, Isobus control unit (without virtual terminal), capacitor bank for energy storage and alternator.

ROW CROP CULTIVATORS



UNICA

One of the most versatile row crop cultivators on the market because of its wide choice of accessories. Suggested for organic farming and in compliance with the latest special fertilizer burial regulations



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

UNICA-F

ROW CROP CULTIVATOR - Rigid tool bar



Main features

A cultivator with rigid tool bar, intended for farms where road transport is not a problem. This model is appreciated for its structural simplicity and compactness.

STANDARD EQUIPMENT

Led road light kit and panels red/white (Up to 450 cm frame)
Rigid tool bar with three point hitch
Cultivating units on parallelogram with metal depth gauge wheels
Planting unit ballast springs (for 2 units)
Support chain (linked to third point of the tractor)

Equipment for version complete with FERTILIZER

Fertilizer drive by mean of a toothed wheel
Painted fertilizer tank with stainless steel bottom
Centralized fertilizer distribution adjustment

ACCESSORIES

Direction guide discs (2 discs)
Cultivator unit loading springs
Guide with central disc
Discs for plant protection
Mobile plant protections
Ridges with adjustable wings
Rubber depth gauge wheels
150 mm 1-2-3 point hitch extensions
Fertilizer electric drive
Stainless steel fertilizer hopper
Reinforced tool bar with wheels
Transport device for tool-bars larger than 3m

FIELD SET-UP (see page 3)

UNICA-F

ROW CROP CULTIVATOR - Rigid tool bar

Rigid tool bar / version with THREE TINE UNITS (row spacing 45÷50 cm)

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
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BASIC VERSION

11111200	4	45÷50	250	355	40	-	3.920,00
11111300	5	45÷50	300	395	40	-	4.470,00
11111400	6	45÷50	350	450	50	-	5.000,00
11111600	8	45÷50	450	530	50	-	6.530,00

VERSION WITH FERTILIZER AND PAINTED HOPPERS

11111222	4	45÷50	250	500	40	2x215	6.090,00
11111322	5	45÷50	300	550	40	2x215	6.840,00
11111424	6	45÷50	350	600	50	2x215	7.510,00
11111624	8	45÷50	450	680	50	2x215	8.900,00

VERSION WITH 580 L FERTILIZER AND PAINTED HOPPER

11111274	4	45÷50	250	520	40	1X580	7.510,00
11111376	5	45÷50	300	570	40	1X580	8.250,00
11111476	6	45÷50	350	620	50	1X580	9.010,00
11111678 [*]	8	45÷50	450	700	50	1X580	10.540,00

VERSION WITH 1000 L FERTILIZER AND PAINTED HOPPER

11111294	4	45÷50	250	550	40	1X1000	7.830,00
11111396	5	45÷50	300	600	40	1X1000	8.590,00
11111496	6	45÷50	350	650	50	1X1000	9.350,00
11111698 [#]	8	45÷50	450	730	50	1X1000	10.840,00

CONVERSION DOES NOT INCLUDE ANY MODIFICATIONS ON FERTILIZER SPREADER

11920100	Conversion from 6 rows (3 springs) to 4 rows (5 springs)						420,00
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[*] Double tool bar WITHOUT wheels

[#] Double tool bar WITH wheels 6.50/80-15 and relative transmission for fertilization

	CODE	DESCRIPTION	PRICE (€)
 NOT HOMOLOGATED	09010152	Integrated manual transport device for frames greater than 300 cm (transport width 320 cm) with board lights and tables	5.670,00

SPECIFY THE DESIRED ROW SPACING AT THE TIME OF ORDER

ACCESSORIES on page 172

UNICA-F

ROW CROP CULTIVATOR - Rigid tool bar

Rigid tool bar / version with FIVE TINE UNITS (row spacing 70÷80 cm)

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
BASIC VERSION							
11213000	2	70÷80	200	270	30	-	2.850,00
11213100	3	70÷75	250	320	30	-	3.480,00
11213200	4	70÷80	350	375	30	-	4.260,00
11213300	5	70÷75	400	420	30	-	5.000,00
11213400	6	70÷75	480	470	40	-	6.090,00
11214600 [*]	8	70÷75	630	570	40	-	9.350,00

VERSION WITH FERTILIZER AND PAINTED HOPPERS							
11213012	2	70÷80	200	400	30	1x215	4.570,00
11213114	3	70÷75	250	450	30	1x215	5.330,00
11213222	4	70÷80	350	520	30	2x215	6.410,00
11213322	5	70÷75	400	570	30	2x215	7.400,00
11213424	6	70÷75	480	630	40	2x215	8.590,00
11214622 [#]	8	70÷75	630	1400	40	4x215	14.760,00

VERSION WITH 580 L FERTILIZER AND PAINTED HOPPER							
11213274	4	70÷80	350	540	30	1X580	8.040,00
11213376	5	70÷75	400	600	30	1X580	9.010,00
11213476 [*]	6	70÷75	480	650	40	1X580	10.320,00

VERSION WITH 1000 L FERTILIZER AND PAINTED HOPPER							
11213294	4	70÷80	350	570	30	1X1000	8.370,00
11213396	5	70÷75	400	630	30	1X1000	9.350,00
11213496 [#]	6	70÷75	480	680	40	1X1000	10.650,00

CONVERSION DOES NOT INCLUDE ANY MODIFICATIONS ON FERTILIZER SPREADER							
11920110	Conversion from 4 rows (5 tines unit) to 6 rows (3 tines unit)						1.320,00
11920126	Conversion from 8 rows (5 tines unit) to 12 rows (3 tines unit)						2.610,00

CONVERSION KIT FOR UNICA ROW CROP CULTIVATOR WITH HOOK-TYPE TINES UNIT							
11920145	Conversion from UNICA 6x70 cm to UNICA-R 6x70 cm						2.970,00
11920150	Conversion from UNICA 8x70 cm to UNICA-R 8x70 cm						3.150,00

[*] Double tool bar WITHOUT wheels

[#] Double tool bar WITH wheels 6.50/80-15 and relative transmission for fertilization

	CODE	DESCRIPTION	PRICE (€)
 NOT HOMOLOGATED	09010152	Integrated manual transport device for frames greater than 300 cm (transport width 320 cm) with board lights and tables	5.670,00

SPECIFY THE DESIRED ROW SPACING AT THE TIME OF ORDER

ACCESSORIES on page 172

UNICA-F

ROW CROP CULTIVATOR



UNICA SUPER

ROW CROP CULTIVATOR - Double rigid tool bar



Main features

A cultivator with a double rigid tool bar, conceived for big farms.

The main feature of this model is the robustness of the element-bearing frame, required in order to guarantee functionality under any conditions, considering its working width of over 9 m.

STANDARD EQUIPMENT

Double rigid tool bar with three point hitch
Cultivating units on parallelogram with metal depth gauge wheels
Planting unit ballast springs (for 4 units)
Support wheels (*)

Equipment for version complete with FERTILIZER

Fertilizer mechanical drive
Painted fertilizer tank with stainless steel bottom
Centralized fertilizer distribution adjustment

ACCESSORIES

Direction guide discs (2 discs)
Cultivator unit loading springs
Discs for plant protection
Mobile plant protections
Ridges with adjustable wings
Rubber depth gauge wheels
Integrated towing device
Electric transmission for fertilizer

FIELD SET-UP (see page 3)

(*) No. 2 wheels meas. 6.50-15"

UNICA SUPER

ROW CROP CULTIVATOR - Double rigid tool bar

Fixed double tool bar with THREE SPRINGS element

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
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BASIC VERSION

11111900	18	45	900	1380	130	-	21.160,00
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VERSION WITH FERTILIZER AND PAINTED HOPPERS

11111923	18	45	900	1690	130	6x215	30.320,00
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Fixed double tool bar with FIVE SPRINGS element

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
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BASIC VERSION

11214800	12	70	900	1080	130	-	18.510,00
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VERSION WITH FERTILIZER AND PAINTED HOPPERS

11214822	12	70	900	1380	130	6x215	27.010,00
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CONVERSION DOES NOT INCLUDE ANY MODIFICATIONS ON FERTILIZER SPREADER

11920127	Conversion from 18 rows (3 tines unit) to 12 rows (5 tines unit)						1.140,00
11920131	Conversion from 12 rows (5 tines unit) to 18 rows (3 tines unit)						3.890,00

CONVERSION KIT FOR UNICA ROW CROP CULTIVATOR WITH HOOK-TYPE TINES UNIT

11920160	Conversion from UNICA 12x70 cm to UNICA-R 12x70 cm						4.640,00
11920165	Conversion from UNICA 18x45 cm to UNICA-R 18x45 cm						4.690,00

	CODE	DESCRIPTION	PRICE (€)
 NOT HOMOLOGATED	09010150	Integrated manual transport device (transport width 320 cm) with board lights and tables	5.890,00

ACCESSORIES on page 172

UNICA SUPER-L

ROW CROP CULTIVATOR - Triple rigid tool bar



Main features

A cultivator with triple rigid frame, conceived for big farms.

The main feature of this model is the robustness of the element-bearing frame, required in order to guarantee functionality under any conditions, considering its working width of over 12 m.

STANDARD EQUIPMENT

Triple rigid tool bar with three point hitch Cat. III ISO 730
200 mm 1-2-3 point hitch extensions
Cultivating units on parallelogram with metal depth gauge wheels
Planting unit ballast springs (for 4 units)
2 couple of direction discs
Support wheels (*)

Equipment for version complete with FERTILIZER

Fertilizer mechanical drive
Painted fertilizer tanks with stainless steel bottoms
Centralized fertilizer distribution adjustment
Double mechanical transmission

ACCESSORIES

Cultivator unit loading springs
Discs for plant protection
Mobile plant protections
Ridges with adjustable wings
Rubber depth gauge wheels
Integrated towing device
Electric transmission for fertilizer

FIELD SET-UP (see page 3)

(*) No. 4 wheels meas. 200/60-14.5"

UNICA SUPER-L

ROW CROP CULTIVATOR - Triple rigid tool bar

Fixed triple tool bar with FIVE SPRINGS element

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
BASIC VERSION							
11224400	16	70	1150	1980	150	-	28.810,00
VERSION WITH FERTILIZER AND PAINTED HOPPERS							
11224474	16	70	1150	2350	150	4X580	39.970,00

	CODE	DESCRIPTION	PRICE (€)
 NOT HOMOLOGATED	09010155	Manual integrated transport device (Transport width: 325 cm) with board lights and tables	6.640,00

ACCESSORIES on page 172

UNICA-PM

ROW CROP CULTIVATOR - Manual folding tool bar



Main features

Cultivator with manual folding tool bar, intended for small and medium farms.

This model, which nonetheless retains the robustness of the previous one, is appreciated for its simplicity and lightness, allowing it to be used with less powerful tractors.

STANDARD EQUIPMENT

Led road light kit and panels red/white
Manual folding tool bar with three point hitch
Cultivating units on parallelogram with metal depth gauge wheels
Planting unit ballast springs (for 2 units)
Support chain (linked to third point of the tractor)

Equipment for version complete with FERTILIZER

Fertilizer spreader driven by means of a toothed wheel
Painted fertilizer tank with stainless steel bottom
Centralized fertilizer distribution adjustment

ACCESSORIES

Hydraulic folding tool bar
Cultivator unit loading springs
Guide with central disc
Discs for plant protection
Mobile plant protections
Ridges with adjustable wings
Rubber depth gauge wheels
150 mm 1-2-3 point hitch extensions
Fertilizer electric drive
Stainless steel fertilizer hopper

FIELD SET-UP (see page 3)

UNICA-PM

ROW CROP CULTIVATOR - Manual folding tool bar

Version with THREE TINE UNITS (row spacing 45÷50 cm)

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
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BASIC VERSION

11131400	6	45÷50	250/330	470	50	-	5.330,00
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VERSION WITH FERTILIZER AND PAINTED HOPPERS

11131424	6	45÷50	250/330	620	50	2x215	8.040,00
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VERSION WITH 520 L FERTILIZER AND PAINTED HOPPER

11131476	6	45÷50	250/330	640	50	1X520	9.570,00
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VERSION WITH 930 L FERTILIZER AND PAINTED HOPPER

11131496	6	45÷50	250/330	670	50	1X930	9.890,00
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Version with FIVE TINE UNITS (row spacing 70÷80 cm)

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
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BASIC VERSION

11233200	4	70/75/80	250/330	450	50	-	4.360,00
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VERSION WITH FERTILIZER AND PAINTED HOPPERS

11233222	4	70/75/80	250/330	600	50	2x215	6.840,00
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VERSION WITH 520 L FERTILIZER AND PAINTED HOPPER

11233274	4	70/75/80	250/330	620	50	1X520	8.040,00
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VERSION WITH 930 L FERTILIZER AND PAINTED HOPPER

11233294	4	70/75/80	250/330	650	50	1X930	8.370,00
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SPECIFY THE ROW SPACING AT THE ORDER

ACCESSORIES on page 172

UNICA-PVI

ROW CROP CULTIVATOR - Vertical folding tool bar



Main features

Cultivator with hydraulic vertically folding tool bar, designed for farmers who need to frequently move from one field to another.

STANDARD EQUIPMENT

Led road light kit and panels red/white
Hydraulic folding tool bar with three point hitch
Half-cultivator tool bar folding with manual locking device
Cultivating units on parallelogram with metal depth gauge wheels
Planting unit ballast springs (for 2 units)
Support chain (linked to third point of the tractor)
Single hydraulic cylinder for tool bar folding

Equipment for version complete with FERTILIZER

Tool bar with drive and support wheels (*)
Painted fertilizer tank + stainless steel MIDI
Centralized fertilizer distribution adjustment
NOTE: Hydraulic connection from the tractor, minimum 1

ACCESSORIES

Cultivator unit loading springs
Guide with central disc
Discs for plant protection
Mobile plant protections
Ridges with adjustable wings
Disc ridges for potatoes
Rubber depth gauge wheels
150 mm 1-2-3 point hitch extensions
Hopper extension 500 L
Stainless steel fertilizer hopper
Fertilizer electric drive

FIELD SET-UP (see page 3)

(*) No. 2 wheels meas. 6.50-15"

UNICA-PVI

ROW CROP CULTIVATOR - Vertical folding tool bar

Version with THREE TINE UNITS (row spacing 45÷50 cm)

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
BASIC VERSION							
11181400	6	45÷50	255/330	750	70	-	9.760,00
11181500	7	45÷50	255/375	810	80	-	10.800,00
11181600	8	45÷50	255/430	880	90	-	11.600,00
11181800	12	45÷50	255/670	1000	100	-	13.990,00

VERSION WITH 580 L FERTILIZER AND PAINTED HOPPER + WHEELS							
11181476	6	45÷50	255/330	900	70	1X580	14.640,00
11181577	7	45÷50	255/375	980	80	1X580	15.940,00
11181678	8	45÷50	255/430	1050	90	1X580	16.750,00

VERSION WITH 1000 L FERTILIZER AND PAINTED HOPPER + WHEELS							
11181496	6	45÷50	255/330	920	70	1x1000	14.950,00
11181597	7	45÷50	255/375	1000	80	1x1000	16.310,00
11181698	8	45÷50	255/430	1070	90	1x1000	18.220,00
11181898 [◇]	12	45÷50	255/670	1190	100	1X1000 MIDI	25.390,00

CONVERSION DOES NOT INCLUDE ANY MODIFICATIONS ON FERTILIZER SPREADER							
11920125	Conversion from 12 rows (3 tines unit) to 8 rows (5 tines unit)						740,00

Version with FIVE TINE UNITS (row spacing 70÷80 cm)

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
BASIC VERSION							
11283200	4	70÷80	255/350	450	60	-	8.640,00
11283400	6	70÷80	255/510	790	70	-	9.950,00
11283500	7	70÷75	300/555	860	80	-	11.140,00
11283600	8	70÷80	255/670	930	90	-	12.020,00

VERSION WITH 580 L FERTILIZER AND PAINTED HOPPER + WHEELS							
11283276	4	70÷80	255/350	600	60	1X580	13.340,00
11283476	6	70÷80	255/510	930	70	1X580	15.280,00
11283577	7	70÷75	300/555	1000	80	1X580	18.420,00

VERSION WITH 1000 L FERTILIZER AND PAINTED HOPPER + WHEELS							
11283296	4	70÷80	255/350	620	60	1x1000	14.860,00
11283496	6	70÷80	255/510	950	70	1x1000	16.700,00
11283597	7	70÷75	300/555	1020	80	1x1000	18.760,00
11283698 [●]	8	70÷80	255/670	1150	90	1x1000	19.670,00

[◇] Pneumatic fertilizer distribution on all rows with MIDI [●] Pneumatic fertilizer distribution on external rows only

SPECIFY THE ROW SPACING AT THE ORDER

ACCESSORIES on page 172

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

UNICA-PVI EASY-SET

ROW CROP CULTIVATOR - Vertical folding tool bar

Vertical folding tool bar, with EASY-SET and 5-SPRING ELEMENT (row spacing 65÷80 cm)

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (HP) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
BASIC VERSION WITH EASY-SET SYSTEM							
11286400[F]	6	65÷80	255/510	810	80	-	12.270,00
11286600[F]	8	65÷80	255/670	975	100	-	14.960,00

VERSION WITH EASY-SET SYSTEM, FERTILIZER SPREADER AND 1000 L STAINLESS STEEL PAINTED HOPPER + WHEELS							
11286490[F]	6	65÷80	255/510	980	80	1X1000 MIDI	23.290,00
11286690[F]	8	65÷80	255/670	1165	100	1X1000 MIDI	26.790,00

KIT FOR CONFIGURATION TRANSFORMATIONS

09020010	Slide kit for Easy-Set attachment (for each weeding element)	250,00
11920126	Conversion from 8 rows (5 tines unit) to 12 rows (3 tines unit)	2.610,00

[F]: For the weeding of crops sown in twin rows (70/75cm between the centre of the rows) we recommend the transformation from 5 to 3 springs.
Pneumatic distribution on all rows for versions with MIDI INOX fertilizer spreader

UNICA PVI EASY-SET is flexible and customizable

You can get up to three different machines by customizing your 75cm between rows, 8 elements, 255/430 cm toolframe without fertiliser hopper.

CUSTOMIZATION EXAMPLE: FROM 8 ROWS WITH 75 CM SPACING TO 12 ROWS WITH 45/50 CM SPACING

CODE	DESCRIPTION	QUANTITY	PRICE (€)
11286600	UNICA PVI EASY-SET 8 rows BASIC version	1	14.960,00
11920126	Conversion from 8 rows (5 tines unit) to 12 rows (3 tines unit)	1	2.610,00
09020010	Slide kit for Easy-Set attachment	4X250,00	1000,00
		TOTAL	18.570,00

SPECIFY THE ROW SPACING AT THE ORDER

FIELD SET-UP (see page 3)

UNICA-PVI EASY-SET

ROW CROP CULTIVATOR - Vertical folding tool bar



Easy-set system with manual adjustment without the use of wrenches

UNICA-PVI SUPER

ROW CROP CULTIVATOR - Vertical folding tool bar (12 rows)



Main features

Cultivator with hydraulic vertically folding tool bar, designed for farmers who need to frequently move from one field to another.

STANDARD EQUIPMENT

Led road light kit and panels red/white
2 support wheels 6.50-15"
Hydraulic folding tool bar with three point hitch
Cultivating units on parallelogram with metal depth gauge wheels
Planting unit ballast springs (for 2 units)
Support chain (linked to third point of the tractor)

ACCESSORIES

Cultivator unit loading springs
Discs for plant protection
Mobile plant protections
Ridges with adjustable wings
Disc ridges for potatoes
Rubber depth gauge wheels
150 mm 1-2-3 point hitch extensions
Fertilizer electric drive

FIELD SET-UP (see page 3)

UNICA-PVI SUPER

ROW CROP CULTIVATOR - Vertical folding tool bar (12 rows)

Vertical folding tool bar with FIVE-SPRING element

CODE	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	Power (Hp) required	HOPPER CAPACITY (L)	PRICE (€)
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BASIC VERSION

11284805 [†]	12	70	440/860	1480	120	-	20.090,00
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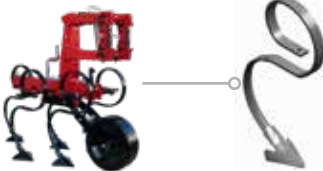
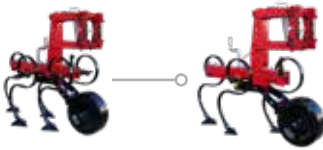
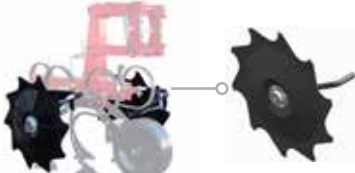
VERSION WITH MIDI STAINLESS STEEL HOPPER AND PNEUMATIC TRANSPORT

11284898 [†]	12	70	440/860	1670	120	1X1280 MIDI (INOX)	31.640,00
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[†] Road width: 440 cm

ACCESSORIES on page 172

ACCESSORIES UNICA

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge yellow-red reflecting-panels for road transport	0,00
	11920001	OUTER 5-tine cultivating unit	700,00
	11920007	OUTER 3-tine cultivating unit	600,00
	11920120	Element transformation from 5 to 3 springs	37,00
	11920121	Element transformation from 3 to 2 springs ("half" 45cm unit)	27,00
	11920002	OUTER 3-tine cultivating unit	600,00
	11920008	OUTER 2-tine cultivating unit	560,00
	11920115	Element transformation from 3 to 5 springs	150,00
	11920117	Element transformation from 2 to 3 springs ("half" 75cm unit)	94,00
	11920003	Complete inner cultivating units with 5 hook-type tines Only for fixed tool bars (Only for fixed tool bars)	870,00
	11920009	EXTERNAL element 3 hook-type tine version (Only for fixed tool bars)	760,00
	11920004	Complete inner cultivating units with 3 hook-type tines Only for fixed tool bars (Only for fixed tool bars)	760,00
	11920017	EXTERNAL element 2 hook-type tine version (Only for fixed tool bars)	680,00
	11920010	Toothed disc for plant protection 5-tine (each row)	280,00
	11920011	Toothed disc for plant protection 3-tine (each row)	280,00

ACCESSORIES UNICA

	CODE	DESCRIPTION	PRICE (€)
	11920012	Plates for plant protection 5-tine (each row)	181,00
	11920013	Plates for plant protection 3-tine (each row)	181,00
	NOTE	Not suitable for fertilizer coulter	
	11920211	Surcharge for adjustable wing - ridger (each unit)	260,00
	11920205	Surcharge for disc ridgers for potatoes furrows (each unit)	550,00
	NOTE	Only compatible with complete unit (not for half row)	
	11920022	Mechanical weeding kit for 45-50cm row spacing (each row)	1.120,00
	11920021	Mechanical weeding kit for 70-75cm row spacing (each row)	1.200,00
	NOTE	Not compatible with PVI easy-set and PM versions	
	11920018	Inner cultivating unit with 3 rigid hoes and 2 discs (75 cm row spacing)	980,00
	11920019	(2 hoes and 1 disc) (75 cm row spacing)	890,00
	11920006	Inner cultivating unit with 3 rigid hoes and 2 discs (45 cm row spacing)	950,00
	11920020	(2 hoes and 1 disc) (45 cm row spacing)	860,00
	11920217	Surcharge for tine transformation into fertilizer coulter (70 cm) (1 every 2 rows)	440,00
	11920218	Surcharge for tine transformation into fertilizer coulter (45 cm) (1 every 2 rows)	340,00
	NOTE	Maximum working depth 7-8cm	
	11920014	Surcharge for rubber depth wheel (each unit)	96,00
	11920016	Cultivating unit loading spring with fittings (each unit)	44,00
	11920219	Direction guide discs (2 discs)	1.220,00
	NOTE	Not suitable for: UNICA PM, UNICA PVI 6x45/50 - 7x45/50 - 8x45/50 - 4x70/80 - 6x70/80 cm	

ACCESSORIES UNICA

	CODE	DESCRIPTION	PRICE (€)
	11920220	Automatic steering	970,00
	NOTE	Not suitable for odd rows, UNICA PVI 12x45-8x75 cm (pneumatic fan), UNICA PVI-SUPER, UNICA SUPER, UNICA SUPER-L. Not suitable for extension kits code 20301020	
	09010061	150 mm 1-2-3 point hitch extensions	420,00
	NOTE	Not suitable for UNICA SUPER-L	
	09040201	Surcharge for stainless steel fertilizer 215 L (each tank)	370,00
	09040206	Surcharge for 580 L stainless steel fertilizer spreader for UNICA F and UNICA PVI	610,00
	09040207	Surcharge for stainless steel fertilizer 520 L for UNICA PM	610,00
	09040208	Surcharge for stainless steel fertilizer 1000 L for UNICA PVI (12 rows excluded), UNICA F	680,00
	09040209	Surcharge for stainless steel fertilizer 930 L for UNICA PM	680,00
	09040220	Surcharge for fertilizer 2x700 L (painted) on 6 m rigid tool bars	1.660,00
	09040225	Surcharge for fertilizer 2x700 L (stainless steel) on fixed 6 m tool bars	2.820,00
	14910001	Seed hopper extension +500 L (PAINTED HOPPER) (UNICA PVI only; NOT available for 12 rows and liquid ferti)	680,00
	11936000	Seed hopper extension +500 L (stainless steel hopper) (UNICA PVI only; NOT available for 12 rows and liquid ferti)	1.100,00
	11910150	Front 3 point hitch linkage	2.430,00
	NOTE	Compatible only with UNICA-F without fertilizer spreader and UNICA-PVI with 45 and 75cm spacing in the 6-8 and 12 rows versions	
	11910120	Surcharge for reinforced tool bar with wheels for UNICA F/PM with transmission integrated	2.630,00
	11910122	Wheel kit for UNICA F/PVI without fertilizer spreader (NO transmission)	1.440,00

ACCESSORIES UNICA

	CODE	DESCRIPTION	PRICE (€)
	11910200	Hydraulic folding tool bar UNICA PM (Both sides)	1.590,00
	NOTE	One hydraulic link needed to the tractor	
	09020133	Planting unit hydraulic lifting device (2 rows)	960,00
	NOTE	One hydraulic link needed to the tractor	
	09060110	Surcharge for hydraulic motor activated vacuum fan dependent on tractor. Includes: Fan speed display (rpm); Detraction of standard cardan shaft.	1.980,00
	NOTE	The tractor must provide 40 Liters/Min continuous oil flow with direct back-flow to the tank without counterpression	



SERVISPEED 1N

Simplified electric activation with adjustable speed.

12 V electric activation system with manual speed adjustment from the driver's seat.

WARNING: Cannot adjust the flow rate proportionally to the forward speed

Main features

Power supply status indication with protection in case of overload

Work/pause status (on-off) both in manual and automatic mode

Alarm signaling: high/low voltage, too high temperature, short circuit and overload (exceeding the motor torque)

Accurate and linear speed regulation

A single control unit to manage multiple engines

Predisposition for start/stop function: in automatic version with wheel sensor or with "finger"

Gearmotor Ø 77

CODE	DESCRIPTION	PRICE (€)
10499009	Servispeed electric transmission with gearmotor Ø 77, from 5 to 50 R.p.M (complete version). The gearmotor can operate up to a maximum of 8 outputs.	1.190,00
10499010	Additional gearmotor Ø 77 specific for servispeed (for max 8 + 8 outputs)	830,00
10499011	Surcharge automatic start/stop device with wheel sensor	128,00
10499012	Surcharge for automatic start/stop device with third point sensor (finger)	156,00



[*]: Requires wireless connectivity;
Requires Android 7 and iOS 12 or newer;
Virtual terminal available as optional
When you combine fertilization with a MS already equipped with MiPlus, it is possible monitor sowing and fertilizing from a single screen (see MS8230 MIDI).

MiPlus FERTILIZER CONTROL SYSTEM (*)

ISO 7256-1 compliant distribution quality check

Prestart/prestop included

Hectare counter and timer (partial and total)

Working speed detection and instant indicator of productivity

Personalized statistics

Indication of residual productivity (fertilizer reserve)

Possibility of excluding the motors in sequence (manual function)

Fan alarm (speed control) for pneumatic versions - optional

Motor overload alarm

NOTE: Speed sensor on the tractor wheel

CODE	DESCRIPTION	PRICE (€)
10499013	MiPlus electric transmission with Ø 77 gearmotor, from 5 to 50 R.p.M (complete version). The gearmotor can operate up to a maximum of 8 outputs.	2.100,00
10499014	Additional Ø 77 gearmotor specific for MiPlus (for max 36 outputs; attention: each motor manages max 8 outputs)	1.010,00

CODE	DESCRIPTION	PRICE (€)
19014009	GPS antenna complete with cable (to be used instead of the wheel sensor which is supplied as standard)	430,00
10499015	Sensor supplement for fan speed control (pneumatic version)	128,00

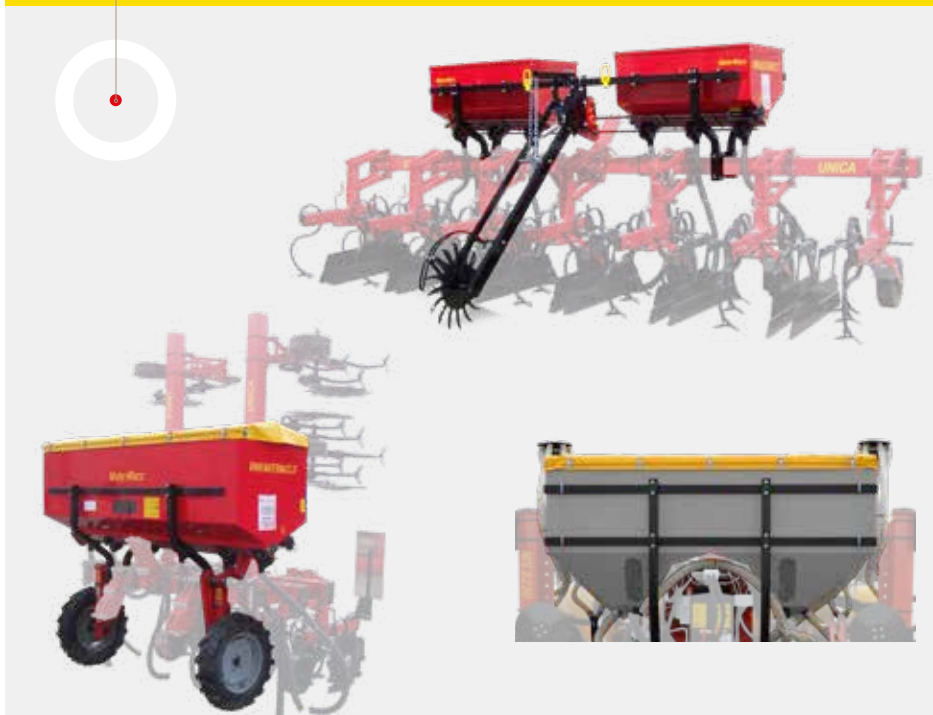
	CODE	DESCRIPTION	PRICE (€)
	19908030	10" ANDROID tablet with support	700,00
	19908031	Annual teleservice subscription and MMconnecta portal remotely (net price cannot be discounted)	150,00
	NOTE	For models with MiPlus control system only. Requires SIM card (Not included) for data connection.	

DEDUCTION FOR UNICA VERSION WITH FERTILIZER (TO THEN ADD ELECTRIC TRANSMISSION INSTEAD MECHANICAL)

CODE	DESCRIPTION	PRICE (€)
10499001	Discount for mechanical operation VARIOVOLUMEX 165-215 L	-600,00
10499002	Discount for mechanical operation for 520-580-930-1000 L VARIOVOLUMEX	-600,00



After sales kit



UNICA



WARNING:

The products offered in this price list have been designed for MaterMacc machines produced from 2015 onwards; for machines manufactured before this date, contact the manufacturer.

The CE certificate of MaterMacc agricultural machinery is valid only for after-sales kits whose use was provided for in the design phase.

For each kit sold after-sales, absolute compatibility with the machine owned by the Customer is not guaranteed, it may not be standard and specific assembly diagrams will not be provided for each model. Therefore, installation on the MaterMacc site by specialized technical personnel is recommended.

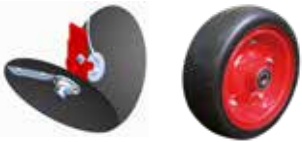
MaterMacc S.p.A. accepts no responsibility for legislative non-compliance, damage to persons or property resulting from the autonomous installation of the after-sales kits in this price list.

UNICA SERIES

AFTER SALES KIT

ROW CROP CULTIVATOR - Rigid tool bar

WEEDING ELEMENT

	CODE	DESCRIPTION	PRICE (€)
	11920214	Kit adjustable wing - ridger (for each element)	300,00
	11920216	Kit disc riggers for potatoes furrows (for each element)	720,00
	11920015	Rubber depth gauge wheels with bearings (for each element)	171,00

FAN THAT CAN BE ADDED

	11906020	Fan kit for Unica PVI, 120x120 tube connection (6x75, air only for external rows)	1.960,00
	11906010	Fan kit for Unica PVI, 120x120 tube connection (12x45 large version fan)	2.290,00
	NOTE	For special applications also on Unica fixed tool bar.	

FERTILIZATION TANKS COMPLETE WITH DRIVE AND SUPPORTS

	11933012 [*]	Unica F kit 2x75 tanks 1x215 litres	2.230,00
	11933113 [*]	Unica F kit 3x75 tanks 1x215 litres	2.500,00
	11933224 [*]	Unica F kit 4x45 and 75cm tanks 2x215 litres	2.920,00
	11933325 [*]	Unica F kit 5x45 and 75cm tanks 2x215 litres	3.130,00
	11933426 [*]	Unica F kit 6x45 and 75cm tanks 2x215 litres	3.560,00
	11931628 [*]	Unica F kit 8x45 tanks 2x215 litres	3.860,00
	11933648	Unica F kit 8x75 tanks 4x215 litres with support wheels and transmission	6.710,00
	11938274 [*]	Unica F kit 4x75 tanks 1x580 litres	4.350,00
	11936476 [*]	Unica F kit 6x45 tanks 1x580 litres	4.350,00
	11938476 [*]	Unica F kit 6x75 with additional tool bar and tanks 1x580 litres	6.030,00
	11936678 [*]	Unica F kit 8x45 with additional tool bar and tanks 1x580 litres	6.390,00
	11938448 [*]	Unica F kit 16x70 tanks 4x580 litres	12.760,00
	11938294 [*]	Unica F kit 4x75 tanks 1x1000 litres	4.770,00
	11936496 [*]	Unica F kit 6x45 tanks 1x1000 litres	4.770,00
	11938496	Unica F kit 6x75 with additional tool bar and tanks 1x1000 litres with support wheels and transmission	6.760,00
	11936698	Unica F kit 8x45 with additional tool bar and tanks 1x1000 litres with support wheels and transmission	7.130,00

[*]: Includes: spur gear drive; tank supports adapted to the standard tool bar combined with the configuration mentioned; fertilizer tubes and relative supports to direct them onto the rows.

UNICA-PVI SERIES AFTER SALES KIT

ROW CROP CULTIVATOR - Vertical folding tool bar

FERTILIZATION TANKS COMPLETE WITH DRIVE AND SUPPORTS

	CODE	DESCRIPTION	PRICE (€)
	11948274#	Unica PVI kit 4x75; tanks: 1x580litri	5.180,00
	11948476#	Unica PVI kit 6x75; tanks: 1x580litri	5.910,00
	11946678#	Unica PVI kit 8x45; tanks: 1x580litri	5.910,00
	11948294#	Unica PVI kit 4x75; tanks: 1x1000litri	6.860,00
	11948496#	Unica PVI kit 6x75; tanks: 1x1000litri	7.280,00
	11946698#	Unica PVI kit 8x45; tanks: 1x1000litri	7.280,00
	11948698#	Unica PVI kit 8x75; tanks: 1X1000 litres (pneumatic transport on side rows)	8.330,00
	NOTE	Includes fan	
	11946892#	Unica PVI kit 12x45; tanks: 1X1000 litres (MIDI) - pneumatic transport on all rows (Stainless steel MIDI)	12.300,00
	NOTE	Includes enhanced fan	

[#]: Kit including support wheels and integrated transmission and tubes for pneumatic transport. The tanks include standard frame supports applied to the mentioned configuration.







FERTILIZER APPLICATIONS ON ROWS



SVA - SVA ELEKTRO - FTS - VV

Fertilizer spreader equipment for the supplementary supply of pre and post emergency fertilizer



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.



Main features

Front tank for the distribution of granular fertilizers, suitable for planters and row crop cultivators.

Mounted on the front three point hitch of the tractor, the tank has a capacity of 1,200 L for greater autonomy between refills. Distribution is carried out by two volumetric metering units that are activated by a motor. This electronically-managed system, allows to regulate the quantities distributed as well as manage the start and stop functions in automatic and manual modes. One advantage of the electric transmission over the toothed wheel with mechanical transmission consists in the ability to set pre-start and pre-stop functions allowing to synchronize the distribution of fertilizer with that of seed without delays in departure or arrival at the head of the field. The two metering units ensure excellent uniformity and accuracy in the delivery of the product to the soil also with planters that have working width of up-to 6 meters.

STANDARD EQUIPMENT

- Fixed tool bar with three point hitch Cat. II
- Fertilizer hopper 1200 L capacity with level check window
- Distribution by mean of two volumetric metering units electrically driven
- The fan PTO is driven by cardan shaft (Front PTO on the tractor needed)
- Blower with PTO 1000 rpm front
- Cardan shaft 1" 3/8 Z6-Z6 (718 mm length)
- Rigid and flexible hose
- Parking supports
- Transport lights
- Control box for distribution rate adjustment proportional to forward speed MiPlus with 1 motor (DPA)*
- Z25/Z10 high/low density chain drive (supplied)

* if combined with an MS planter already equipped with the MiPlus system, it is possible to monitor sowing and fertilization

from a single one screen.

ACCESSORIES

- Hydraulic motor for vacuum fan
- Fertilizer coulter
- Independent drive (exclusion of right and left metering unit)



2 flow pipes Ø 60 mm.

FIELD SET-UP (see page 3)

SVA CONFIGURATION KIT

Row crop fertilizer applicator SVA

	CODE	TANK CAPACITY (L)	 AxBxC (cm)	HORSEPOWER REQUIRED (HP)	DRY WEIGHT (kg)	PRICE (€)
VERSION WITH 2 METERING UNITS						
	12650001	1200	160x150x130	80	450	19.530,00

In order to complete the SVA fertilizer, please see the configuration kits.

SVA FRONT FERTILIZER

The price does not include the fitting / assembly costs to the tractor.

Distribution heads supports, distribution hoses and fertilizer coulters can be supplied separately.

Hydraulic drive for the fan dependent on the tractor is available.

Kit for MaterMacc UNICA row crop cultivator

	CODE	DESCRIPTION	PRICE (€)
FERTILIZER KIT WITH: distribution heads and relevant hoses			
	12690007	Kit SVA for MaterMacc UNICA row crop cultivator, 6 rows	1.220,00
	12690008	Kit SVA for MaterMacc UNICA row crop cultivator, 8 rows	1.440,00
	12690009	Kit SVA for MaterMacc UNICA row crop cultivator, 12 rows (*)	1.640,00

NOTE: For the SVA kit, the UNICA cultivator needs support wheels (see page 174)

(*) Not compatible with PVI SUPER.

Kit for in-furrow fertilizer distribution

	CODE	DESCRIPTION	PRICE (€)
KIT FOR FERTILIZER WITH: in-furrow distribution + distribution heads and hoses			
	12690019	Kit SVA for in-furrow fertilizer distribution, 6 rows	1.560,00
	12690020	Kit SVA for in-furrow fertilizer distribution, 8 rows	1.880,00
	12690021	Kit SVA for in-furrow fertilizer distribution, 12 rows	2.500,00

Kit for MS MaterMacc planter

	CODE	DESCRIPTION	PRICE (€)
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KIT FOR FERTILIZER WITH: shoe opener for fixed frame + distribution heads and hoses

	12690004	Kit SVA for MS MaterMacc planter, 6 rows	2.690,00
	12690005	Kit SVA for MS MaterMacc planter, 8 rows	3.480,00
	12690006	Kit SVA for MS MaterMacc planter, 12 rows	5.140,00

NOTE: Not compatible with towed versions

KIT FOR FERTILIZER WITH: Shoe opener for Easy-Set frame + distribution heads and hoses

	12690010	Kit SVA for MS MaterMacc planter, 6 rows	2.790,00
	12690011	Kit SVA for MS MaterMacc planter, 8 rows	3.660,00
	12690012	Kit SVA for MS MaterMacc planter, 12 rows	5.340,00

NOTE: Not compatible with towed versions

KIT FOR FERTILIZER WITH: double disc coultter for rigid frame + reinforced tool bar + distribution heads and hoses

	12690013	Kit SVA for MS MaterMacc planter, 6 rows	6.200,00
	12690014	Kit SVA for MS MaterMacc planter, 8 rows	7.830,00
	12690015	Kit SVA for MS MaterMacc planter, 12 rows	11.140,00

NOTE: Not compatible with towed versions

KIT FOR FERTILIZER WITH: double disc coultter for Easy-Set frame + reinforced tool bar + distribution heads and hoses

	12690016	Kit SVA for MS MaterMacc planter, 6 rows	6.310,00
	12690017	Kit SVA for MS MaterMacc planter, 8 rows	8.010,00
	12690018	Kit SVA for MS MaterMacc planter, 12 rows	11.360,00

NOTE: Not compatible with towed versions



[*]: Requires wireless connectivity;
Requires Android 7 and iOS 12 or newer;
Virtual terminal available as optional
When you combine fertilization with a
MS already equipped with MiPlus, it is
possible monitor sowing and fertilizing from
a single screen (see MS8230 MIDI).

MiPlus FERTILIZER CONTROL SYSTEM (*)

- ISO 7256-1 compliant distribution quality check
- Prestart/prestop included
- Hectare counter and timer (partial and total)
- Working speed detection and instant indicator of productivity
- Personalized statistics
- Indication of residual productivity (fertilizer reserve)
- Possibility of excluding the motors in sequence (manual function)
- Fan alarm (speed control) for pneumatic versions - optional
- Motor overload alarm

NOTE: Speed sensor on the tractor wheel

EXAMPLE OF BASIC CONFIGURATION OF SVA FERTILIZER FOR MATERMACC PLANTER

	CODE	DESCRIPTION	QUANTITY	PRICE (€)
	12650001	SVA with 2 metering	1	19.530,00
	12690005	Kit SVA for MS MaterMacc planter, 8 rows	1	3.480,00
			TOTAL	23.010,00

ACCESSORIES SVA

	CODE	DESCRIPTION	PRICE (€)
	09060111	Surcharge for hydraulic motor activated vacuum fan dependent on tractor (SVA). Includes: Fan speed display (rpm); Detraction of standard cardan shaft.	1.980,00
	NOTE	The continuous oil flow is 40 litres/min with direct back-flow to the tank without back pressure	
	12590130	Surcharge for stainless steel hopper 2 metering units	2.070,00
	12960001	Surcharge double fan for SVA	2.410,00
	NOTE	Suggested in case of distribution rates greater than 420 kg/ha	
	09040313	Right hand fertilizer disc coulter	670,00
	09040314	Left hand fertilizer disc coulter	670,00
	09040306	Fertilizer disc coulter attachment (Easy-Set tool bar)	65,00
	09040308	Fertilizer disc coulter attachment (Fixed tool bar)	80,00
	NOTE	Maximum number of manageable rows 12	
	09040326	Right hand 3 spiral coulter	240,00
	09040327	Left hand 3 spiral coulter	240,00
	09040305	3 spiral coulter attachment (Easy-Set tool bar)	89,00
	09040307	3 spiral coulter attachment (Fixed tool bar)	98,00
	NOTE	Maximum number of manageable rows 12	

CONTROL SYSTEMS SVA

CODE	DESCRIPTION	PRICE (€)
19908099	Surcharge for additional motor to selectively activate left and right sections (SVA Only)	1.260,00
19014009	GPS antenna complete with cable (to be used instead of the wheel sensor which is supplied as standard)	430,00

	CODE	DESCRIPTION	PRICE (€)
	19908030	10" ANDROID tablet with support	700,00
	19908031	Annual teleservice subscription and MMconnecta portal remotely (net price cannot be discounted)	150,00
	NOTE	For models with MiPlus control system only. Requires SIM card (Not included) for data connection.	

AFTER SALES KIT: FAN TRANSMISSION			
	CODE	DESCRIPTION	PRICE (€)
	09060117	Fan hydraulic motor kit dependent on tractor (SVA). Includes: Fan revolutions display	2.260,00
	NOTE	The continuous oil flow is 40 litres/min with direct back-flow to the tank without back pressure	

SVA ELEKTRO

FRONT TANK FERTILIZER



Main features

The SVA ELEKTRO front tank is the evolution of the consolidated SVA. Its standard capacity is 1800 liters which can be extended to 2200 liters. It is a multipurpose device that can distribute seed or fertilizer. The transmission is controlled by a control monitor called X4 and is electrical transformable in the ISOBUS protocol. Can be combined with both planters and row crop cultivator.

STANDARD EQUIPMENT BASIC VERSION

3-point hitch system, cat 2°
1800 l tank capacity (2200l option)
Retractable inspection platform
Tractor-dependent hydraulic fan drive (40l/min)
LED road lights kit
Electric transmission with X4 monitor
Configurations with 2-4 dispensers
Connection pipes to the rear tool
Filtering grid
Integrated small seed kit (given the possibility of seed or fertilizer)
Tray + electronic scale for sowing test

NOTE: The tractor requires at least one hydraulic distributor with front coupling socket and flow rate 40l/min with free 3/4" discharge. If it turns into Isobus *: compulsory front socket.

(*): See page 251 for compatibility table

ACCESSORIES

Kit hydraulic pipe extension
Fertilizer coultter
Surcharge transformation from hydraulic to mechanical of the PTO
Extension tank 400 l
Electric section exclusion
ISOBUS transformation

EQUIPMENT - MONITOR X4 [#]

Distribution check alarm
Partial and total hectare counter
Working speed sensor
Blower RPM sensor
Seed level sensor
Tramline set-up
Section excluder set-up
Seeder Pre-Start, Pre-Stop
Speed sensor on wheel

[#] Monitor included as standard



	CODE	TANK CAPACITY (L)	 AxBxC (cm)	HORSEPOWER REQUIRED (HP)	DRY WEIGHT (kg)	PRICE (€)
VERSION WITH 2 METERING UNITS						
	12760120	1800	230x160x135	90	450	24.440,00
VERSION WITH 4 METERING UNITS						
	12760020	1800	230x160x135	90	480	27.500,00

In order to complete the SVA ELEKTRO fertilizer, please see the configuration kits.

Front tank fertilizer

The price does not include the fitting / assembly costs to the tractor.

Distribution heads supports, distribution hoses and fertilizer coulters can be supplied separately.

CODE	DESCRIPTION	PRICE (€)
19015115	Electronic kit to join to the rear planters or row crop cultivator	1.040,00

Warning: mandatory accessory to combine rear equipment, compatible with both ISOBUS and standard versions with X4

Rear 2-head distribution kits for MS and Unica series*

	CODE	DESCRIPTION	PRICE (€)
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KIT FOR FERTILIZER WITH: shoe opener for fixed frame + distribution heads and hoses

	12790001	Kit SVA for UNICA, 6 rows	1.460,00
	12790002	Kit SVA for UNICA, 8 rows	1.700,00
	12790003	Kit SVA for UNICA, 12 rows (not compatible with UNICA PVI Super)	2.060,00

NOTE: Not compatible with towed versions

KIT FOR FERTILIZER WITH: Shoe opener for Easy-Set frame + distribution heads and hoses

	12790004	Kit SVA for MS MaterMacc planter, 6 rows	6.440,00
	12790005	Kit SVA for MS MaterMacc planter, 8 rows	8.060,00
	12790006	Kit SVA for MS MaterMacc planter, 12 rows	11.380,00

NOTE: Not compatible with towed versions

KIT FOR FERTILIZER WITH: double disc coulters for rigid frame + reinforced tool bar + distribution heads and hoses

	12790007	Kit SVA for MS MaterMacc planter, 6 rows	6.650,00
	12790008	Kit SVA for MS MaterMacc planter, 8 rows	8.290,00
	12790009	Kit SVA for MS MaterMacc planter, 12 rows	11.650,00

NOTE: Not compatible with towed versions

* Suggested for frames up to 6.70 meters

Rear 4-head distribution kits for MS and Unica series

KIT FOR FERTILIZER WITH: shoe opener for fixed frame + distribution heads and hoses

	12790010	Kit SVA for SVA, 6 rows	2.730,00
	12790011	Kit SVA for SVA, 8 rows	2.970,00
	12790012	Kit SVA for SVA, 12 rows (not compatible with UNICA PVI Super)	3.330,00

NOTE: Not compatible with towed versions

KIT FOR FERTILIZER WITH: Shoe opener for Easy-Set frame + distribution heads and hoses

	12790013	Kit SVA for MS MaterMacc planter, 6 rows	7.710,00
	12790014	Kit SVA for MS MaterMacc planter, 8 rows	9.340,00
	12790015	Kit SVA for MS MaterMacc planter, 12 rows	12.650,00

NOTE: Not compatible with towed versions

KIT FOR FERTILIZER WITH: double disc coulter for rigid frame + reinforced tool bar + distribution heads and hoses

	12790016	Kit SVA for MS MaterMacc planter, 6 rows	8.160,00
	12790017	Kit SVA for MS MaterMacc planter, 8 rows	9.780,00
	12790018	Kit SVA for MS MaterMacc planter, 12 rows	13.140,00

NOTE: Not compatible with towed versions

ACCESSORIES SVA ELEKTRO

	CODE	DESCRIPTION	PRICE (€)
	12960002	Hydraulic hose extension kit for front hopper	500,00
	12960003	Surcharge for transformation from hydraulic to mechanical drive of the PTO	0,00
	14910002	400l painted raised tank	900,00

ELECTRONICS			
	CODE	DESCRIPTION	PRICE (€)
	14947005	Electric sowing excluder acting on each doser, 4 sections Compatible with ISOBUS system too	1.890,00
	14947006	Electric sowing excluder acting on each doser, 2 sections Compatible with ISOBUS system too	1.300,00
	19015114	Transformation Isobus SVA ELEKTRO (Includes monitor deduction X4; DOES NOT include ISOBUS virtual terminal selectable on page 250)	2.080,00
	19015110	9.5m Isobus extension for special applications (if not you have the socket in front of the tractor)	910,00

FRONT TANK FOR SPRAYER



**FOR ORDERS, AVAILABLE
FROM: APRIL 2023**

Main features

The FTS front tank is equipped with an hydraulic operating diaphragm pump. Agitation, transfer and cleansing can be easily operated from the tractor cabin through the standard Isobus system. Detachable wheels to facilitate the machine parking and the coupling to the tractor front lifter are also provided as standard.

The equipment for the connection to MBS sprayers is provided as standard, and allows the filling of the FTS front tank in parallel with the sprayer through the pre-mixer. All the tanks are made of high density polyethylene.

STANDARD EQUIPMENT

Frame painted using the cataphoresis process with epoxy powder coating
Three-point hitch, cat. II
Main spray tank, with 800 L nominal capacity
75 L rinse tank
15 L personal wash tank
Rotating tank rinse nozzle and hydraulic agitator
Aspiration filter that can be connected to filling pipe
Hydraulic operating diaphragm pump
COMET diaphragm pump, mod. BP135
LED front transport lights and reflecting front panels
Electric control with Isobus system
Parking wheels
Stainless steel nuts and bolts
Connection kit for rear implements
NOTE: Hydraulic connection from the tractor, minimum 1 (min. 25 L/min.)

KIT ISOBUS check distribution

(ECU only, monitor not included)



ISOBUS

Distribution control system based on ISOBUS standard (ISO 11783). Fully compatible with many tractor/monitor with ISOBUS technology. *See page 251 for compatibility chart.*

Real-time control of distribution.

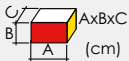
Visualization of work statistics

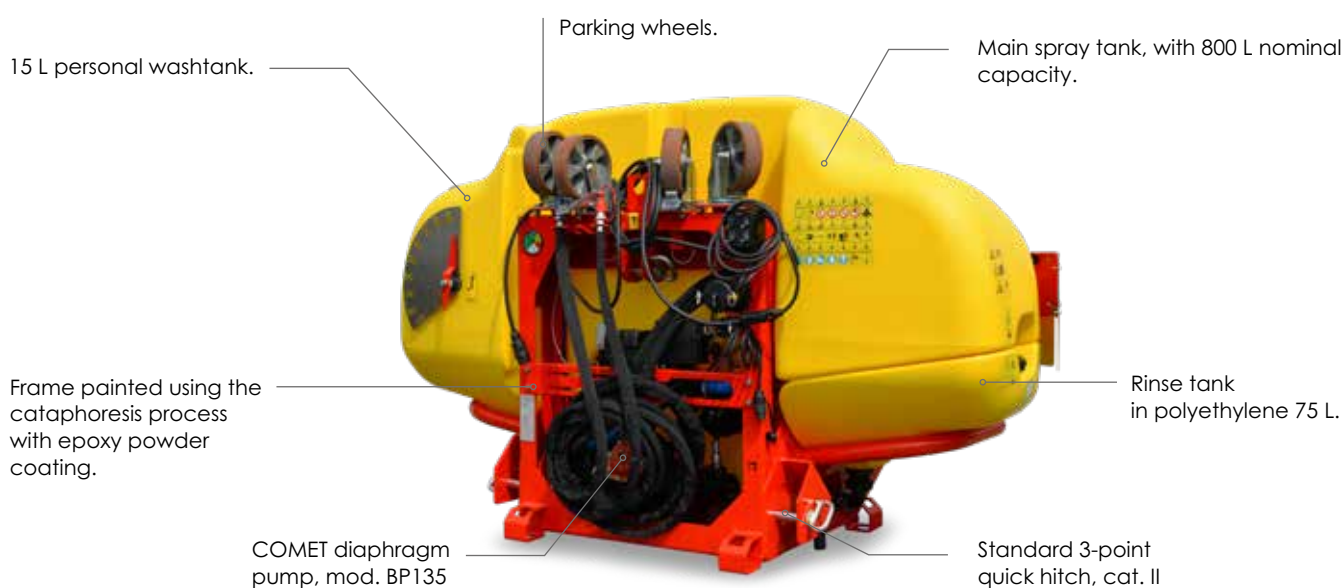
Working speed display

NOTE: Speed sensor on the tractor wheel

FIELD SET-UP (see page 3)

FRONT TANK FOR SPRAYER

CODE	CAPACITY (L) NOMINAL	CAPACITY (L) EFFECTIVE	FLOW (L/min) NOMINAL		DRY WEIGHT (kg)	HORSEPOWER REQUIRED (HP)	PRICE (€)
FTS							
13300000	800	860	135	195x122x108	245	100	10.750,00



FTS ACCESSORIES

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge transport panels yellow/red stripes	0,00
	19015110	9.5m Isobus extension for special applications	910,00

ACCESSORIES FTS

Kit for rear implements

	CODE	DESCRIPTION	PRICE (€)
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NOZZLE KIT FOR UNICA WITH ELECTRONIC SHUTTER SYSTEM

	13300010	Kit FTS for UNICA, 6 rows	2.370,00
	13300011	Kit FTS for UNICA, 8 rows	2.550,00
	13300012	Kit FTS for UNICA, 12 rows	2.920,00

NOZZLE KIT FOR MS PLANTERS WITH ELECTRONIC PARTIALIZER SYSTEM

	13300013	Kit FTS for MS planter, 6 rows	2.830,00
	13300014	Kit FTS for MS planter, 7 rows	2.920,00
	13300015	Kit FTS for MS planter, 8 rows	3.010,00
	13300016	Kit FTS for MS planter, 9 rows	3.100,00
	13300017	Kit FTS for MS planter, 12 rows	3.380,00

NOTE: Not compatible with towed versions



Main features

This machine is designed for inter-row distribution of granular products, providing remarkable working speed and precision due to the VarioVolumex distribution system.

This machine is equipped with a 2nd cat. third point hitch and can be fitted with hopper with a capacity of 580L, 1000 L. The adjustable electric transmission allows the distribution of large quantities of product and operation in fields with crops in an advanced stage of growth, being able to apply it both at the rear and at the front of the tractor (with electric drive)

A version with support wheels and mechanical transmission is also available.

STANDARD EQUIPMENT

Fixed tool bar with three point hitch Cat. II
Metering unit electric drive
Steel painted tank with stainless steel bottom
Volumetric metering unit
Electronic control system MiPlus

ACCESSORIES

Hopper extension 500 L
Support wheels with chain drive
Stainless steel fertilizer hopper

ROW CROP FERTILIZER APPLICATOR - ELECTRIC WITH MIPLUS SYSTEM

CODE	N° ROWS	ROW SPACING (cm)	HOPPER CAPACITY (L)	DRY WEIGHT (kg)	HORSEPOWER REQUIRED (HP)	PRICE (€)
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PAINTED TANK VERSION 580 L

12421475	4	75/80	1 X 580	220	60	6.220,00
12421645	6	45/50	1 X 580	250	60	6.560,00
12421675	6	75/80	1 X 580	300	60	6.780,00
12421845	8	45/50	1 X 580	310	60	7.090,00

PAINTED VERSION 1000 L

12441475	4	75/80	1 X 1000	230	60	6.560,00
12441645	6	45/50	1 X 1000	260	60	6.890,00
12441675	6	75/80	1 X 1000	310	60	7.110,00
12441845	8	45/50	1 X 1000	310	60	7.470,00



[*]: Requires wireless connectivity;
Compatible with Android 7 and iOS
12 and above. Tablet available as an option.

MiPlus FERTILIZER CONTROL SYSTEM (*)

- ISO 7256-1 compliant distribution quality check
- Prestart/prestop included
- Hectare counter and timer (partial and total)
- Working speed detection and instant indicator of productivity
- Personalized statistics
- Indication of residual productivity (fertilizer reserve)
- Possibility of excluding the motors in sequence (manual function)
- Motor overload alarm

NOTE: Speed sensor on the tractor wheel

ACCESSORIES

	CODE	DESCRIPTION	PRICE (€)
	12930011	PRICE deduction for drive wheels for VV 4 rows	-550,00
	12930016	PRICE deduction for drive wheels for VV 6 rows	-550,00
	12930021	PRICE deduction for drive wheels for VV 8 rows	-550,00
	11910122	Support wheels kit keeping the electric transmission	1.440,00
	09040206	Surcharge for stainless steel fertilizer 580 L	610,00
	09040208	Surcharge for stainless steel fertilizer 1000 L	680,00
	14910001	Seed hopper extension 500 L (PAINTED HOPPER)	680,00
	11936000	Seed hopper extension 500 L (stainless steel hopper)	1.100,00

ELECTRONICS

	CODE	DESCRIPTION	PRICE (€)
	19014009	Surcharge GPS antenna kit (Cables included)	430,00

	CODE	DESCRIPTION	PRICE (€)
	19908030	10" ANDROID tablet with bracket	700,00
	19908031	Annual teleservice subscription and MMconnecta portal remotely (net price cannot be discounted)	150,00
	NOTE	For models with MiPlus control system only. Requires SIM card (Not included) with a data plan.	

MECHANICAL SEED DRILL FOR CEREALS



GRANO / GRANO-F

COULTER - Seeding unit for conventional agriculture on loose soil without any crop residue

SINGLE DISC - Seeding unit for conventional agriculture on loose soil with some crop residues

DOUBLE DISC COULTER - Seeding unit for conventional agriculture on heavy clay soil

Ideal working speed: 9-10 Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

GRANO

[WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

MECHANICAL SEED DRILL FOR CEREALS



Main features

Mechanical seed drill machine for cereals, rapeseed, soy, alfalfa and other forage in rows on prepared soil. This is a compact, easy to handle seed drill machine, available with working widths from 2.5 m to 3 m. Load and production capacity above average and 100% made in Italy character.

STANDARD EQUIPMENT

Rigid tool bar with three point hitch
Painted seed tank
Loading platform
Wheel 6.50x15"
Mechanical half-drill exclusion device(300 only)
Centralized coulter pressure adjustment
New step-less speed gearbox
LED light system (with dimension tables red/white))
"Low seed level" acoustic alarm
Shakers for small seed
Partition wall for sowing on sloping ground

ACCESSORIES

Seed covering shoe harrow
Hydraulic disc row markers
Tracks remover springs (2+2)
Wheels 26.00x12" [*]
Multifunction counter CNT7
Automatic tramlines with electromechanical closing system (2+2) or (3+3) rows
Rubber press wheel for double disc opener
Double transmission

NOTE: In order to avoid clogging, some hulled seeds (barley, wheat and other cereals) can only be used after treatment to eliminate the awns or significantly reduce their length

FIELD SET-UP (see page 3)

[*] NOTES: Transport width + 25 cm

GRANO [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

MECHANICAL SEED DRILL FOR CEREALS

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)		PRICE (€)
								seed	fertil	

VERSION WITH SHOE OPENER

	14841017 [#]	GRANO 250	17	14.7	250	470	50	610	-	8.130,00
	14841019 [#]	GRANO 250	19	13.2	250	480	50	610	-	8.550,00
	14841021 [#]	GRANO 250	21	12.0	250	490	70	610	-	8.980,00
	14841119	GRANO 300	19	15.8	320	545	50	750	-	8.670,00
	14841121	GRANO 300	21	14.3	320	560	70	750	-	9.100,00
	14841123	GRANO 300	23	13.0	320	575	70	750	-	9.530,00
	14841125	GRANO 300	25	12.0	320	590	70	750	-	9.960,00

VERSION WITH SINGLE DISC UNIT AND SEEDING DEPTH CONTROL

	14842017 [#]	GRANO 250	17	14.7	250	540	50	610	-	10.380,00
	14842019 [#]	GRANO 250	19	13.2	250	550	50	610	-	10.940,00
	14842021 [#]	GRANO 250	21	12.0	250	560	70	610	-	11.480,00
	14842119	GRANO 300	19	15.8	320	625	50	750	-	11.270,00
	14842121	GRANO 300	21	14.3	320	640	70	750	-	11.800,00
	14842123	GRANO 300	23	13.0	320	655	70	750	-	12.350,00
	14842125	GRANO 300	25	12.0	320	670	70	750	-	12.880,00

VERSION WITH DOUBLE DISC UNIT

	14843017 [#]	GRANO 250	17	14.7	250	625	50	610	-	12.680,00
	14843019 [#]	GRANO 250	19	13.2	250	645	50	610	-	13.530,00
	14843021 [#]	GRANO 250	21	12.0	250	665	70	610	-	14.480,00
	14843119	GRANO 300	19	15.8	320	720	50	750	-	14.020,00
	14843121	GRANO 300	21	14.3	320	745	70	750	-	14.870,00
	14843123	GRANO 300	23	13.0	320	770	70	750	-	15.590,00
	14843125	GRANO 300	25	12.0	320	795	70	750	-	16.490,00

[#] NOTES: Extensions are suggested with hydraulic row marker cod. 14912001

ACCESSORIES on page 206

GRANO-F [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

MECHANICAL SEED DRILL FOR CEREALS



Main features

Mechanical seed drill machine for cereals, rapeseed, soy, alfalfa and other forage in rows on prepared soil. This is a compact, easy to handle seed drill machine, available with working widths from 2.5 m to 3 m. Being able to spread fertilizer while seeding increases the versatility of this product.

STANDARD EQUIPMENT

Rigid tool bar with three point hitch
Painted seed tank
Hopper with two compartments (seed + fertilizer)
Loading platform
Wheel 6.50x15"
Mechanical half-drill exclusion device(300 only)
Centralized coulter pressure adjustment
Step-less speed gearbox
Additional speed gearbox for fertilizer spreader
LED light system (with dimension tables red/white)
Dispenser used indifferently for seed or fertilizer
Shakers for small seed

ACCESSORIES

Seed covering shoe harrow
Hydraulic disc row markers
Tracks remover springs (2+2)
Wheels 26.00x12" [*]
Multifunction counter CNT7
Automatic tramlines with electromechanical closing system (2+2) or (3+3) rows
Rubber press wheel for double disc opener

NOTE: In order to avoid clogging, some hulled seeds (barley, wheat and other cereals) can only be used after treatment to eliminate the awns or significantly reduce their length

FIELD SET-UP (see page 3)

[*] NOTES: Transport width + 25 cm

GRANO-F [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

MECHANICAL SEED DRILL FOR CEREALS

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)		PRICE (€)
								seed	fertil	

VERSION WITH SHOE OPENER AND FERTILIZER

 	14851017 [#]	GRANO-F 250	17	14.7	250	520	60	335	275	10.380,00
	14851019 [#]	GRANO-F 250	19	13.2	250	530	60	335	275	10.810,00
	14851021 [#]	GRANO-F 250	21	12.0	250	540	80	335	275	11.240,00
	14851119	GRANO-F 300	19	15.8	320	595	60	420	345	11.050,00
	14851121	GRANO-F 300	21	14.3	320	610	80	420	345	11.480,00
	14851123	GRANO-F 300	23	13.0	320	625	80	420	345	11.900,00
	14851125	GRANO-F 300	25	12.0	320	640	80	420	345	12.330,00

VERSION WITH SINGLE DISC UNIT AND FERTILIZER (WITH DEPTH CONTROL)

 	14852017 [#]	GRANO-F 250	17	14.7	250	590	60	335	275	12.760,00
	14852019 [#]	GRANO-F 250	19	13.2	250	600	60	335	275	13.320,00
	14852021 [#]	GRANO-F 250	21	12.0	250	610	80	335	275	13.850,00
	14852119	GRANO-F 300	19	15.8	320	675	60	420	345	13.640,00
	14852121	GRANO-F 300	21	14.3	320	690	80	420	345	14.180,00
	14852123	GRANO-F 300	23	13.0	320	705	80	420	345	14.720,00
	14852125	GRANO-F 300	25	12.0	320	720	80	420	345	15.260,00

VERSION WITH DOUBLE DISC UNIT AND FERTILIZER

 	14853017 [#]	GRANO-F 250	17	14.7	250	675	60	335	275	15.350,00
	14853019 [#]	GRANO-F 250	19	13.2	250	695	60	335	275	16.460,00
	14853021 [#]	GRANO-F 250	21	12.0	250	715	80	335	275	17.300,00
	14853119	GRANO-F 300	19	15.8	320	770	60	420	345	16.870,00
	14853121	GRANO-F 300	21	14.3	320	795	80	420	345	17.750,00
	14853123	GRANO-F 300	23	13.0	320	820	80	420	345	18.800,00
	14853125	GRANO-F 300	25	12.0	320	845	80	420	345	19.750,00

[#] NOTES: Extensions are suggested with hydraulic row marker cod. 14912001

ACCESSORIES on page 206

PRICE LIST N° 28 - 11/2022 Ed. 1 Rev. 01 **MaterMacc** S.p.A.

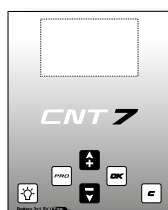
ACCESSORIES GRANO / GRANO-F

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge yellow-red reflecting-panels for road transport	0,00
	14912102	Seed covering harrow with "S" shaped tines GRANO 250	1.440,00
	14912104	Seed covering harrow with "S" shaped tines GRANO 300	1.640,00
	14912200	Harrow extension surcharge for double disc (mandatory in addition to the wheel)	158,00
	14922010	Rubber wheel for double disc elements (each row)	181,00
	14920040	Surcharge for seeding depth limiter for rice (each row)	25,00
	14912010	Tracks remover (2+2)	500,00
	14910021	Surcharge for oversized drive wheels 26.00 x 12" with spacers	600,00
	14932006	Free wheel double transmission surcharge for GRANO 250 (for seed-only versions)	350,00
	14932011	Free wheel double transmission surcharge for GRANO 300 (for seed-only versions)	410,00
	14972021	GRANO 250 hydraulic row marker with centre marking	1.440,00
	14972020	GRANO 300 hydraulic row marker with centre marking	1.560,00
	NOTE	Modification for wheel marking charged to the customer	
	14912001	150 mm 1-2-3 point hitch extensions GRANO	420,00

ACCESSORIES GRANO / GRANO-F

	CODE	DESCRIPTION	PRICE (€)
	14912051	Small seeds partition device GRANO 250	192,00
	14912053	Small seeds partition device GRANO 300	240,00
	NOTE	For seed-only version	

ELECTRONICS



CNT7 Hectare – RPM counter

Standard version (3 visualization modes)

Hectare counter

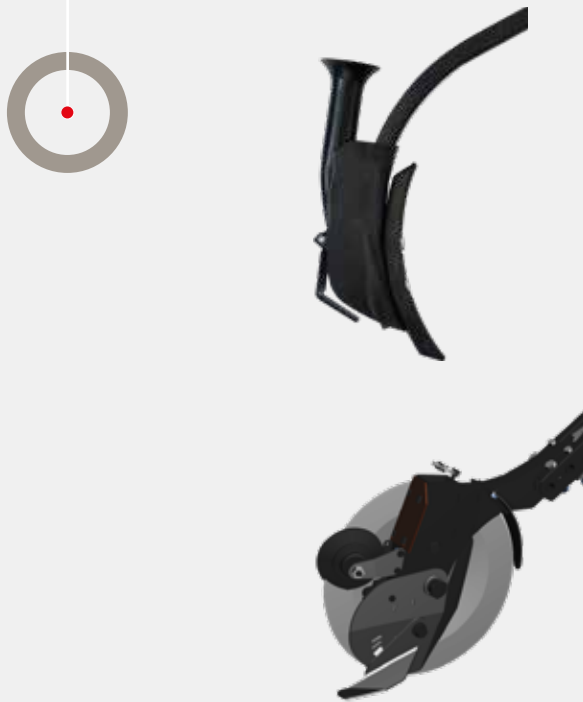
Fan speed (Rpm)

Working speed (Km/h)

CODE	DESCRIPTION	PRICE (€)
19901026	Standard version - CNT7 Hectare - Rpm counter	470,00

	CODE	DESCRIPTION	PRICE (€)
	14942011	Tramline 3+3 transformable 2+2 if required (with MARCAMATIC ECU)	1.930,00
	NOTE	Specify when placing the order if 2+2 or 3+3 and the desired track Attention: only for seed version (not seed+fertilizer)	

MECHANICAL SEED DRILL FOR CEREALS



GRANO-X / GRANO-XF

TINE COULTER - Seeding unit for conventional agriculture and minimum tillage; gravel and some crop residue.
Down-pressure up-to 40kg. Ideal working speed: 11-12Km/h

SINGLE DISC COULTER - Seeding unit for conventional agriculture, and minimum tillage in heavy soil with some crop residue.
Down-pressure up-to 45kg. Ideal working speed: 10-13Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

GRANO-X [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

MECHANICAL SEED DRILL FOR CEREALS



Main features

Mechanical seed drill for cereals, rapeseed, soybeans, alfalfa, and other forage on minimally worked soils. Compact, handy seeder, available with effective working width of 3m or less. Characterized by a sturdy structure capable of absorbing stresses and a depth adjustment monitored by the trolley support in manual or hydraulic mode.

STANDARD EQUIPMENT

Rigid tool bar with three point hitch
Seed covering harrow with straight tines
Spring pressure and incidence
Painted seed tank
Loading platform
Drive wheels 7.50-16"
Mechanical half-drill exclusion device (only for 3m)
Single coulter pressure adjustment
Step-less CVT gear box with seeding rate test handle
LED light system (with dimension tables red/white)
"Low seed level" acoustic alarm
Shaker for small seed

ACCESSORIES

Hydraulic disc row markers
Tracks remover springs (2+2)
Multifunction counter CNT7
Double transmission
3 point hitch extensions
Conversion kit from linkage to pulled type

NOTE: In order to avoid clogging, some hulled seeds (barley, wheat and other cereals) can only be used after treatment to eliminate the awns or significantly reduce their length

FIELD SET-UP (see page 3)

GRANO-X [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

MECHANICAL SEED DRILL FOR CEREALS

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)		PRICE (€)
								seed	fertil	

VERSION WITH SPRING COULTER AND FERTILIZER

	17111104	GRANO-X 230	16	14.5	254	805	50	530	-	10.330,00
	17111101	GRANO-X 230	17	13.5	254	855	50	530	-	10.470,00
	17111102	GRANO-X 230	18	12.8	254	860	50	530	-	10.630,00
	17111103	GRANO-X 230	19	12.1	254	870	50	530	-	10.800,00
	17121102	GRANO-X 300	20	14.9	320	940	70	705	-	11.790,00
	17121103	GRANO-X 300	21	14.2	320	950	70	705	-	11.950,00
	17121101	GRANO-X 300	23	12.9	320	965	90	705	-	12.270,00
	17121104	GRANO-X 300	25	11.8	320	980	90	705	-	12.600,00

VERSION WITH SINGLE DISC UNIT AND SEEDING DEPTH CONTROL AND FERTILIZER

	17111302	GRANO-X 225	15	15.1	254	915	50	530	-	14.330,00
	17111301	GRANO-X 225	16	14.1	254	970	50	530	-	14.610,00
	17121301	GRANO-X 300	20	14.5	320	1075	80	705	-	16.680,00
	17121302	GRANO-X 300	21	13.8	320	1090	80	705	-	16.930,00

ACCESSORIES on page 214

GRANO-XF [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

MECHANICAL SEED DRILL FOR CEREALS



Main features

Mechanical seed drill for cereals, rapeseed, soybeans, alfalfa, and other forage on minimally worked soils. Compact, handy seeder, available with effective working width of 3m or less. The possibility of distributing fertilizer during sowing increases the versatility of this planter. Also it is possible, with according to distributor, sow also in combined mixed grass, for example, or take advantage of the spool for minute seeds the integration of microgranular products.

STANDARD EQUIPMENT

Rigid tool bar with three point hitch
Seed covering harrow with straight tines
Painted seed tank
Hopper with two compartments (seed + fertilizer)
Loading platform
Drive wheels 7.50-16"
Mechanical half-drill exclusion device (only for 3m)
Single coulter pressure adjustment
Step-less CVT gear box with seeding rate test handle
Additional CVT gear box for fertilizer spreader
LED light system (with dimension tables red/white)

"Low seed level" and "Low fertilizer lever" double acoustic alarm
Shaker for small seed

ACCESSORIES

Hydraulic disc row markers
Tracks remover springs (2+2)
Multifunction counter CNT7
3 point hitch extensions
Conversion kit from linkage to pulled type

NOTE: Usable also for sowing mixed crops

NOTE: In order to avoid clogging, some hulled seeds (barley, wheat and other cereals) can only be used after treatment to eliminate the awns or significantly reduce their length

FIELD SET-UP (see page 3)

GRANO-XF [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

MECHANICAL SEED DRILL FOR CEREALS

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)		PRICE (€)
								seed	fertil	

VERSION WITH SPRING COULTER

	17112104	GRANO-XF 230	16	14.5	254	845	50	290	240	12.030,00
	17112101	GRANO-XF 230	17	13.5	254	855	50	290	240	12.190,00
	17112102	GRANO-XF 230	18	12.8	254	860	50	290	240	12.350,00
	17112103	GRANO-XF 230	19	12.1	254	870	50	290	240	12.510,00
	17122102	GRANO-XF 300	20	14.9	320	940	80	390	315	14.610,00
	17122103	GRANO-XF 300	21	14.2	320	950	80	390	315	14.780,00
	17122101	GRANO-XF 300	23	12.9	320	965	100	390	315	15.090,00
	17122104	GRANO-XF 300	25	11.8	320	980	100	390	315	15.410,00

VERSION WITH SINGLE DISC UNIT AND FERTILIZER (WITH DEPTH CONTROL)

	17112302	GRANO-XF 225	15	15.1	254	915	50	290	240	16.050,00
	17112301	GRANO-XF 225	16	14.1	254	970	50	290	240	16.320,00
	17122301	GRANO-XF 300	20	14.5	320	1075	90	390	315	18.850,00
	17122302	GRANO-XF 300	21	13.8	320	1090	90	390	315	19.100,00

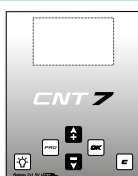
ACCESSORIES on page 214

ACCESSORIES

GRANO-X / GRANO-XF

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge yellow-red reflecting-panels for road transport	0,00
	14917030	Tracks remover (2+2)	580,00
	17900005	Double transmission surcharge (for seed-only version)	960,00
	17900003	Hydraulic row marker with centre marking	1.590,00
	NOTE	Can be transformed into wheel marking as per customer's request and modifiable by him	
	14912001	150 mm 1-2-3 point hitch extensions	420,00
	17900001	Surcharge for conversion kit from linkage to pulled type	2.540,00

ELECTRONICS



CNT7 Hectare – RPM counter

Standard version (3 visualization modes)

Hectare counter

Fan speed (Rpm)

Working speed (Km/h)

CODE	DESCRIPTION	PRICE (€)
19901026	Hectare counter - CNT7 standard electronic rpm counter (extension included)	470,00

	CODE	DESCRIPTION	PRICE (€)
	14942011	Tramline 3+3 transformable 2+2 if required (with MARCAMATIC ECU)	1.930,00
	14942012	Tramline 3+3 transformable 2+2 if required (with MARCAMATIC ECU) Trailed version	2.220,00
	NOTE	Specify when placing the order if 2+2 or 3+3 and the track	

PNEUMATIC SEED DRILLS FOR CEREALS



SINGLE DISC UNIT MSD

Seeding unit for conventional agriculture
on loose soil with little crop residue

Ideal working speed: 9-10 Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

PNEUMATIC SEED DRILLS FOR CEREALS - Hydraulic folding tool bar



Main features

Pneumatic seed drill for sowing in rows in prepared soil. Working widths equal to 4; 4.5; 5 or 6 m with a minimum standard spacing of 12.5 cm. In mounted or trailed version with hydraulic circuit independent for the activation of the pneumatic fan.

The hydraulic chassis folding system reduces the transport width to just 2.54 m.

Sowing rate adjustable between 30 kg/ha and 450 kg/ha.

STANDARD EQUIPMENT

Road width: 2.54 m
Seed covering shoe harrow
3-point or eye bolt hitch in the towed version
Drive shaft with free wheel 1" 3/8 Z6-Z6 (718 mm length)
P.d.p. 540 rpm for blower drive; hydraulic circuit independent from the tractor in the towed version
Front drive wheels 26.00 x 12"
Step-less speed gearbox
N° 4 metering units with 4 distribution heads
Seed level inspection window
Seed hopper capacity: L 1000
Centralized pressure adjustment for coulters
Loading platform with folding stepladder
Hydraulic row marker (specify if marking on tractor centre or on wheel track)
LED road light kit and panels (mounted, white-red)

Quantity seeding test container
Distribution head tube cap for row exclusion

ACCESSORIES

Hydraulic motor for fan dependent on tractor (mounted version)
Small seed or microgranular fertilizer distributor (140 L)
Automatic tramlines with electromechanical closing system (2+2 rows)
Pulley for tractors 1000 rpm or 750 rpm (mounted version)
Electric sowing excluder acting on each dispenser, 4 sections
Seeding monitor
Hopper extension (500 L) only for 500-600
Tracks remover (2+2)

FIELD SET-UP (see page 3)

NOTE: At least 2 hydraulic connections required on the tractor (3 in the towed version)

PNEUMATIC SEED DRILLS FOR CEREALS - Hydraulic folding tool bar

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	SEED TANK CAPACITY (L)	PRICE (€)
MOUNTED VERSION WITH SHOE COULTERS									
	14101304	MSD 400	28	14.3	254/400	1035	80	1000	20.760,00
	14101306	MSD 400	32	12.5	254/400	1060	80	1000	21.140,00
	14101404	MSD 450	32	14.1	254/450	1090	80	1000	22.980,00
	14101406	MSD 450	36	12.5	254/450	1120	90	1000	23.900,00
	14101503	MSD 500	32	15.6	254/500	1130	80	1000	24.400,00
	14101505	MSD 500	36	13.9	254/500	1160	90	1000	25.510,00
	14101506	MSD 500	40	12.5	254/500	1190	100	1000	25.890,00
	14101604	MSD 600	40	15.0	254/600	1290	100	1000	27.650,00
	14101605	MSD 600	44	13.6	254/600	1320	100	1000	28.750,00
	14101606	MSD 600	48	12.5	254/600	1350	110	1000	29.120,00
TOWED VERSION WITH FAN DRIVE INDEPENDENT HYDRAULIC CIRCUIT									
 	14131304	MSD 400	28	14.3	254/400	1335	80	1000	30.680,00
	14131306	MSD 400	32	12.5	254/400	1360	80	1000	31.060,00
	14131404	MSD 450	32	14.1	254/450	1390	80	1000	32.890,00
	14131406	MSD 450	36	12.5	254/450	1420	90	1000	33.810,00
	14131503	MSD 500	32	15.6	254/500	1430	80	1000	34.320,00
	14131505	MSD 500	36	13.9	254/500	1460	90	1000	35.420,00
	14131506	MSD 500	40	12.5	254/500	1490	100	1000	35.800,00
	14131604	MSD 600	40	15.0	254/600	1590	100	1000	37.560,00
	14131605	MSD 600	44	13.6	254/600	1620	100	1000	38.660,00
	14131606	MSD 600	48	12.5	254/600	1650	110	1000	39.040,00
FAN MECHANICAL DRIVE MOUNTED VERSION									
	14102304	MSD 400	28	14.3	254/400	1120	80	1000	23.870,00
	14102306	MSD 400	32	12.5	254/400	1160	80	1000	24.850,00
	14102404	MSD 450	32	14.1	254/450	1190	80	1000	25.500,00
	14102406	MSD 450	36	12.5	254/450	1230	90	1000	26.490,00
	14102503	MSD 500	32	15.6	254/500	1230	80	1000	27.130,00
	14102505	MSD 500	36	13.9	254/500	1270	90	1000	28.110,00
	14102506	MSD 500	40	12.5	254/500	1310	100	1000	29.090,00
	14102604	MSD 600	40	15.0	254/600	1410	100	1000	29.730,00
	14102605	MSD 600	44	13.6	254/600	1450	100	1000	30.700,00
	14102606	MSD 600	48	12.5	254/600	1490	110	1000	31.680,00
TOWED VERSION WITH FAN DRIVE INDEPENDENT HYDRAULIC CIRCUIT									
 	14132304	MSD 400	28	14.3	254/400	1420	80	1000	33.880,00
	14132306	MSD 400	32	12.5	254/400	1460	80	1000	34.870,00
	14132404	MSD 450	32	14.1	254/450	1490	80	1000	35.520,00
	14132406	MSD 450	36	12.5	254/450	1530	90	1000	36.500,00
	14132503	MSD 500	32	15.6	254/500	1530	80	1000	37.140,00
	14132505	MSD 500	36	13.9	254/500	1570	90	1000	38.130,00
	14132506	MSD 500	40	12.5	254/500	1610	100	1000	39.100,00
	14132604	MSD 600	40	15.0	254/600	1710	100	1000	39.740,00
	14132605	MSD 600	44	13.6	254/600	1750	100	1000	40.720,00
	14132606	MSD 600	48	12.5	254/600	1790	110	1000	41.690,00

ACCESSORIES on page 218

ACCESSORIES MSD

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge transport panels yellow / red stripes	0,00
	14920040	Surcharge for seeding depth limiter for rice (each row)	25,00
	14910010	Track removers with brackets (double couple)	610,00
	14970010	Pre - emergence rear markers	1.360,00
	NOTE	Indicate desired roadway	
	09060226	Pulley for tractors from 750 r.p.m. (only for mounted version)	55,00
	09060227	Pulley for tractors from 1000 r.p.m. (only for mounted version)	55,00
	14950012	Small seed or microgranular fertilizer distributor MSD (140 L)	2.080,00
	NOTE	Use one product type only! Do not mix differently sized seeds.	
	14910001	Seed hopper extension 500 L (only MSD 500-600)	680,00
	09010061	150 mm 1-2-3 point hitch extensions (only for mounted version)	420,00
	NOTE	Verify standard cardan shaft length	
	09060110	Surcharge for hydraulic motor activated vacuum fan dependent on tractor. Includes: speed adjustment monitor; detraction of standard cardan shaft (only for mounted version)	1.980,00
	NOTE	The tractor must provide 40 Liters/Min continuous oil flow with direct back-flow to the tank without counterpressure	

ACCESSORIES MSD

ELECTRONICS

Seeding monitor X4



X4 MONITOR

- Seeding check alarm
- Partial and total hectare counter
- Working speed sensor
- Blower RPM sensor
- Seed level sensor
- Tramline set-up
- Section excluder set-up

NOTE: Speed sensor on the tractor wheel

CODE	DESCRIPTION		PRICE (€)
19014005	X4 monitor kit		2.040,00

	CODE	DESCRIPTION	PRICE (€)
	14940016	Tramline 2+2	1.340,00
	14940017	Tramline 3+3	1.750,00
	NOTE	Indicate desired roadway	
	19014004	Working speed device cable from socket ISO11786 monitor X4	210,00
	14950110	Electric sowing excluder acting on each dispenser, 4 sections	1.640,00
	19014009	Surcharge GPS antenna kit (Cables included)	430,00

NOTE: The X4 monitor, code 19014005 for MSD, is mandatory for all accessories





PNEUMATIC SEED DRILLS FOR CEREALS



My MagicDrill MY 2022

MSD ELEKTRO and FTC

SINGLE DISC COULTER - Seeding unit for conventional agriculture on loose soil and some crop residues.

DOUBLE DISC COULTER - Seeding unit for minimum tillage of heavy clay soil with crop residue

Down-pressure up-to 45 kg. Ideal working speed: 10-13Km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

MSD ELEKTRO [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

PNEUMATIC SEED DRILLS FOR CEREALS - Hydraulic folding tool bar



Main features

Pneumatic seed drill for sowing in rows in prepared or semi-prepared soil. The working width ranges from 5.0 m to 6.0 m with a standard row distance of 12.5 cm.

The 4 dispensers are powered by an electric motor and controlled by the MaterMacc X4 sowing monitor. This monitor allows the seed density to be changed quickly, by setting the desired value. It also controls the sowing flow for each section. The tramline and seed exclusion functions are optional and can be integrated with the X4 monitor.

STANDARD EQUIPMENT

Transport width 2.7 m
ISO 730 Cat. II 3 point hitch
Seed covering shoe harrow
New MagicDrill dispenser also for minute seeds or fertilizer
Front drive wheels 26.00 x 12"
N° 4 metering units with 4 distribution heads
Electric sowing metering unit
Seeding monitor X4
Electric calibration button
Seed level inspection window
Seed hopper capacity L 1300
Filtering grid integrated on the hopper
Coulter pressure adjuster for single unit
Loading platform with folding stepladder
Row marker with hydraulic disc (marking on tractor centre or on wheel track)
LED road light kit and panels (mounted, white-red)
Quantity seeding test container
Electronic scale for sowing test
Distribution head tube cap supplied for row exclusion
Hydraulic drive fan dependent on the tractor
Small seed kit included

NOTE: At least 3 hydraulic connections are required on the tractor, the fan requires an oil flow of 40 litres/min with free return

ACCESSORIES

ISOBUS-Ready electric sowing excluder acting on each dispenser, 4 sections
Automatic tramlines with electromechanical closing system 2+2 or 3+3 rows
Tracks remover (2+2)

EQUIPMENT - MONITOR X4 [#]

Seeding check alarm
Partial and total hectare counter
Working speed sensor
Blower RPM sensor
Seed level sensor
Tramline set-up
Section excluder set-up
Seeder Pre-Start, Pre-Stop
Speed sensor on wheel

[#] Monitor included as standard



FIELD SET-UP (see page 3)

PNEUMATIC SEED DRILLS FOR CEREALS - Hydraulic folding tool bar

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
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MSD E VERSION WITH SINGLE DISC UNIT AND SEEDING DEPTH CONTROL

	14725532	MSD E. 500	32	15.0	270/500	1440	100	1300	37.330,00
	14725536	MSD E. 500	36	13.9	270/500	1490	110	1300	39.010,00
	14725540	MSD E. 500	40	12.5	270/500	1550	120	1300	40.540,00
	14725640	MSD E. 600	40	15.0	270/600	1560	120	1300	41.130,00
	14725644	MSD E. 600	44	13.6	270/600	1620	130	1300	42.750,00
	14725648	MSD E. 600	48	12.5	270/600	1670	130	1300	44.390,00

MSD E VERSION WITH SINGLE DISC UNIT + DEPTH GAUGE WHEEL

	14727532	MSD E. 500	32	15.0	270/500	1630	100	1300	40.380,00
	14727536	MSD E. 500	36	13.9	270/500	1710	110	1300	42.440,00
	14727540	MSD E. 500	40	12.5	270/500	1790	120	1300	44.480,00
	14727640	MSD E. 600	40	15.0	270/600	1800	120	1300	45.240,00
	14727644	MSD E. 600	44	13.6	270/600	1880	130	1300	47.410,00
	14727648	MSD E. 600	48	12.5	270/600	1960	130	1300	49.580,00

MSD E VERSION WITH DOUBLE DISC UNIT + DEPTH GAUGE WHEEL

	14728532	MSD E. 500	32	15.0	270/500	1690	100	1300	43.620,00
	14728536	MSD E. 500	36	13.9	270/500	1790	110	1300	45.680,00
	14728540	MSD E. 500	40	12.5	270/500	1880	120	1300	47.740,00
	14728640	MSD E. 600	40	15.0	270/600	1920	120	1300	48.500,00
	14728644	MSD E. 600	44	13.6	270/600	2020	130	1300	50.660,00
	14728648	MSD E. 600	48	12.5	270/600	2110	130	1300	52.830,00

	CODE	DESCRIPTION	PRICE (€)
ISOBUS	19015114	MSD Elektro ISOBUS conversion (Includes X4 terminal price reduction. Does NOT include an ISOBUS virtual terminal; this can be selected on page 250)	2.080,00

Seed covering shoe harrow standard



Seed-covering spring-tooth harrow.
Only for model without wheel.



Seed-covering spring on wheel. Only for model with wheel.

ACCESSORIES on page 226

PNEUMATIC SEED DRILLS FOR CEREALS - Hydraulic folding tool bar



Main features

Pneumatic seed drill for sowing in rows in prepared or semi-prepared soil, stands out for its large front tank. The working width ranges from 5.0 m to 6.0 m with a standard row distance of 12.5 cm. The 4 dispensers are powered by an electric motor and controlled by the MaterMacc X4 sowing monitor. This monitor allows the seed density to be changed quickly, by setting the desired value. It also controls the sowing flow for each section. The tramline and seed exclusion functions are optional and can be integrated with the X4 monitor.

STANDARD EQUIPMENT - COMPLETE SEED DRILL

Transport width 2.7 m
ISO 730 Cat. II 3 point hitch
Seed covering shoe harrow
New MagicDrill dispenser also for minute seeds or fertilizer
Pneumatic fan hydraulic drive, tractor dependent [*]
Front drive wheels 26.00 x 12"
N° 4 metering units with 4 distribution heads
Electric sowing metering unit
Seeding monitor X4
Electric calibration button
Front tank capacity L 1800
Filtering grid integrated on the hopper
Small seed kit included
Coulter pressure adjuster for single unit
Loading platform with folding stepladder
Automatic hydraulic row marker (marking on tractor center or on wheel track)
LED road light kit and panels (mounted, white-red)
Quantity seeding test container
Electronic scale for sowing test
tube caps for row exclusion supplied
Parking wheels kit for front tank

NOTE: At least 3 hydraulic connections are required on the tractor, (2 double-acting and 1 with free hydraulic return), front ISOBUS socket if Isobus kit is purchased

ACCESSORIES

ISOBUS-Ready electric sowing excluder acting on each dispenser, 4 sections
Automatic tramlines with electromechanical closing system 2+2 or 3+3 rows
Tracks remover (2+2)
Tank extension 400 L painted

EQUIPMENT - MONITOR X4 [#]

Seeding check alarm
Partial and total hectare counter
Working speed sensor
Blower RPM sensor
Seed level sensor
Tramline set-up
Section excluder set-up
Seeder Pre-Start, Pre-Stop
Speed sensor on wheel



[#] Monitor included

Requires tractor with lift and front hydraulic intake.

[*] The continuous oil flow is 40 litres/min with direct back-flow to the tank without back pressure.

FIELD SET-UP (see page 3)

MSD FTC [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

PNEUMATIC SEED DRILLS FOR CEREALS - Hydraulic folding tool bar

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	TANK CAPACITY (L)	PRICE (€)
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MSD FTC + SVA VERSION WITH SINGLE DISC UNIT AND SEEDING DEPTH CONTROL

	14625532	MSD FTC 500	32	15.0	270/500	1640	90	1800	43.680,00
	14625536	MSD FTC 500	36	13.9	270/500	1690	100	1800	44.600,00
	14625540	MSD- FTC 500	40	12.5	270/500	1750	110	1800	46.110,00
	14625640	MSD FTC 600	40	15.0	270/600	1760	110	1800	47.480,00
	14625644	MSD FTC 600	44	13.6	270/600	1820	120	1800	49.480,00
	14625648	MSD FTC 600	48	12.5	270/600	1870	120	1800	51.380,00

MSD FTC + SVA VERSION WITH SINGLE DISC UNIT + DEPTH GAUGE WHEEL

	14627532	MSD FTC 500	32	15.0	270/500	1830	90	1800	47.100,00
	14627536	MSD FTC 500	36	13.9	270/500	1910	100	1800	48.730,00
	14627540	MSD FTC 500	40	12.5	270/500	1990	110	1800	50.950,00
	14627640	MSD FTC 600	40	15.0	270/600	2000	110	1800	51.800,00
	14627644	MSD FTC 600	44	13.6	270/600	2080	120	1800	54.520,00
	14627648	MSD FTC 600	48	12.5	270/600	2160	120	1800	57.120,00

MSD FTC + SVA VERSION WITH DOUBLE DISC UNIT + DEPTH GAUGE WHEEL

	14628532	MSD FTC 500	32	15.0	270/500	1890	90	1800	50.020,00
	14628536	MSD FTC 500	36	13.9	270/500	1990	100	1800	52.670,00
	14628540	MSD FTC 500	40	12.5	270/500	2080	110	1800	54.950,00
	14628640	MSD FTC 600	40	15.0	270/600	2120	110	1800	55.710,00
	14628644	MSD FTC 600	44	13.6	270/600	2220	120	1800	57.980,00
	14628648	MSD FTC 600	48	12.5	270/600	2310	120	1800	60.260,00

ISOBUS CONVERSION

	19015114	MSD FTC Isobus conversion (includes reduction for X4 terminal; Does NOT include price reduction for virtual terminal selectable on page 250)						2.080,00
	19015110	9.5 m Isobus extension for special applications						910,00
	NOTE	If the tractor has no front Isobus socket						

ACCESSORIES on page 226

ACCESSORIES MSD ELEKTRO AND MSD FTC

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge transport panels yellow / red stripes	0,00
	14910151	Surcharge for seed-covering spring-tooth harrow 500 MSD 50 (for model with wheel)	2.980,00
	14910161	Surcharge for seed-covering spring-tooth harrow 600 MSD 60 (for model with wheel)	3.340,00
	NOTE	The deduction of the straight spring present in the wheel version has already been calculated	
	14917030	Track removers with brackets (double couple)	580,00
	09010061	150 mm 1-2-3 point hitch extensions	420,00
	NOTE	Verify standard cardan shaft length	
	14950035	Distribution head mixer impeller (one piece)	52,00
	NOTE	Suggested for Ryegrass and Alfaalfa seeds only.	
	12960002	Hydraulic hose extension kit for SVA front hopper (Only MSD FTC)	500,00
	14910002	Painted 400 L tank extension (MSD FTC only)	900,00
	09060054	Surcharge transformation from hydraulic fan to mechanical (for MSD ELEKTRO)	0,00
	12960003	Surcharge transformation from hydraulic fan to mechanical (for FTC)	0,00

ACCESSORIES

MSD ELEKTRO AND MSD FTC

ELECTRONICS			
	CODE	DESCRIPTION	PRICE (€)
	14940013	Tramline 2+2	1.340,00
	14940014	Tramline 3+3	1.750,00
	NOTE	Indicate desired roadway	
	19014004	Working speed device cable from socket ISO11786 monitor X4	210,00
	14947005	Electric sowing excluder acting on each dispenser, 4 sections Compatible with ISOBUS system too	1.890,000
	19014009	Surcharge GPS antenna kit (includes cables)	430,00





PNEUMATIC SEED DRILLS FOR CEREALS, COMBINED MACHINE WITH POWER HARROW



My MagicDrill MY 2022



MSD COMBI and FOLDING

Seeding unit for conventional agriculture or minimum tillage with crop residues.
Down-pressure up-to 45 kg.

Ideal working speed: 4-6 km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1,000.00€ for feasibility analysis.

MSD COMBI [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

PNEUMATIC SEED DRILLS FOR CEREALS - Combined machine with POWER HARROW



Main features

Pneumatic seed drill for sowing in rows in prepared or semi-prepared soil. 3.0 m working width with 12.5 cm minimum row distance.

The 4 dispensers are powered by an electric motor and controlled by the MaterMacc X4 sowing monitor. This monitor allows the seed density to be changed quickly, by setting the desired value. It also controls the sowing flow for each section. The tramline and seed exclusion functions are optional and can be integrated with the X4 monitor.

STANDARD EQUIPMENT - complete seed drill

Pneumatic fan hydraulic drive, tractor dependent [*]
Seed covering shoe harrow
No. 2 metering units with 2 distribution heads(3.0 m
Electric sowing metering unit
Seeding monitor X4
Electric calibration button
Seed level inspection window
Small seed kit included
New MagicDrill dispenser also for minute seeds or fertilizer
Seed hopper capacity L 1300
Filtering grid integrated on the hopper
Distributor with variable cells, including for small seeds
Coulter pressure adjuster for single unit
Loading platform with folding stepladder
LED road light kit and panels (mounted, white-red)
Quantity seeding test container
Electronic scale for sowing test
Distribution head tube caps supplied
NOTE: Necessary at least 2 hydraulic distributors on the tractor, 1 single-acting for blower, 1 oil return

[*] The required continuous oil flow is 40 litres/min with direct back-flow to the tank.

ACCESSORIES

Automatic tramlines with electromechanical closing system 2+2 or 3+3 rows

EQUIPMENT MONITOR X4 [#]

Seeding check alarm
Partial and total hectare counter
Working speed
Blower RPM sensor
Seed level sensor
Tramline set-up
Section excluder set-up
Seeder Pre-Start, Pre-Stop
NOTE: Speed checking from GPS

[#] Monitor included



FIELD SET-UP (see page 3)

MSD COMBI [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

PNEUMATIC SEED DRILLS FOR CEREALS - Combined machine with POWER HARROW

Seed covering shoe harrow standard

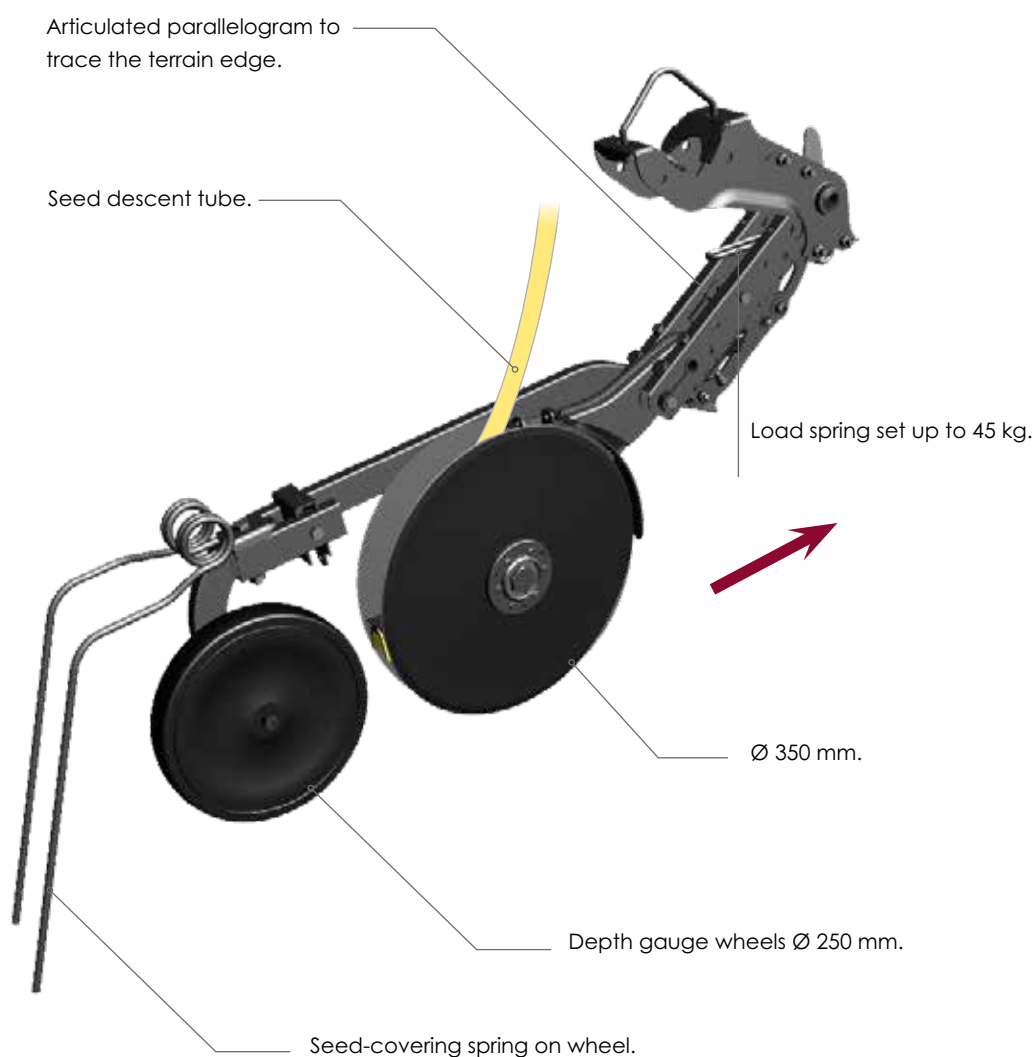


Seed-covering spring-tooth harrow.
Only for model without wheel.



Seed-covering spring on wheel. Only for model with wheel.

EXEMPLE: Double disc coultter + depth gauge wheel



MK 180

POWER HARROW WITH Ø 550 MM PACKER ROLLER

Main features POWER HARROW

To ensure excellent performance even in difficult conditions where there are crop residues, our machines are designed and built with an optimal distance between the tooth-holder support and the harrow box. This means a significant amount of residue and any stones can pass through easily, avoiding running into troublesome blockages.

The teeth on the harrow also ensure optimal penetration including in difficult terrain, maintaining a constant working depth. The Packer roller with a diameter of 550 mm is suitable for medium-to-hard terrain; it is extremely versatile and can be used in combination with the seeder.

EQUIPMENT BASIC VERSION MK 180

3 point hitch Cat. II
Adjustable front floating hitches
Drive shaft with automatic clutch 1" 3/8 Z6
PTO 1000 rpm (PTO 540 rpm optional)
Swivelling roller bearings, one for each rotor
Double layer reinforced gearbox
Blades 300x15 mm
Stone collar protection
Adjustable floating side shields
Rear levelling bar with mechanical adjustment
PACKER roller Ø 550 mm
Rear roller pin adjustment
"CE" safety guards

Hydraulic automatic disc row marker (OPTION)



MODEL	N° BLADES	WORK DEPTH (cm)	WIDTH (cm)		RPM ROTOR		POWER HARROW REQUIRED (Hp)	POWER HARROW WEIGHT (kg)
			work	transport	540 (STD)	1000 (OPTION)		
					(rpm)			
MK 180/300	24	10 - 30	294	300	350	359	110-150	1468

FIELD SET-UP (see page 3)

MSD COMBI [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

PNEUMATIC SEED DRILLS FOR CEREALS - Combined machine with POWER HARROW

Version MSD COMBI with power harrow MK 180

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
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VERSION MSD-C MK 180 WITH SINGLE DISC UNIT AND SEEDING DEPTH CONTROL

	14225116	MSD-C 300/180	18	16.6	300	2290	140	1300	48.370,00
	14225114	MSD-C 300/180	20	15.0	300	2320	140	1300	48.980,00
	14225112	MSD-C 300/180	24	12.5	300	2390	140	1300	49.830,00

VERSION MSD-C MK 180 WITH SINGLE DISC UNIT + DEPTH GAUGE WHEEL

	14227116	MSD-C 300/180	18	16.6	300	2360	140	1300	51.190,00
	14227114	MSD-C 300/180	20	15.0	300	2400	140	1300	52.020,00
	14227112	MSD-C 300/180	24	12.5	300	2480	140	1300	52.660,00

VERSION MSD-C MK 180 WITH DOUBLE DISC UNIT + DEPTH GAUGE WHEEL

	14228116	MSD-C 300/180	18	16.6	300	2400	140	1300	54.170,00
	14228114	MSD-C 300/180	20	15.0	300	2450	140	1300	55.220,00
	14228112	MSD-C 300/180	24	12.5	300	2540	140	1300	57.060,00

ACCESSORIES on page 236

MK 270

POWER HARROW WITH Ø 550 MM PACKER ROLLER

Main features POWER HARROW

To ensure excellent performance even in difficult conditions where there are crop residues, our machines are designed and built with an optimal distance between the tooth-holder support and the harrow box. This means a significant amount of residue and any stones can pass through easily, avoiding running into troublesome blockages.

The teeth on the harrow also ensure optimal penetration including in difficult terrain, maintaining a constant working depth. The Packer roller with a diameter of 550 mm is suitable for medium-to-hard terrain; it is extremely versatile and can be used in combination with the seeder.

EQUIPMENT BASIC VERSION MK 270

3 point hitch Cat. II
Adjustable front floating hitches
Drive shaft with automatic clutch 1" 3/8 Z6
PTO 1000 rpm
Swivelling roller bearings, one for each rotor
Double layer reinforced gearbox
Blades 320x16 mm
Stone collar protection
Adjustable floating side shields
Rear levelling bar with mechanical adjustment
PACKER roller Ø 550 mm
Rear roller pin adjustment
"CE" safety guards

Hydraulic automatic disc row marker (OPTION)



MODEL	N° BLADES	WORK DEPTH (cm)	WIDTH (cm)		RPM ROTOR		POWER HARROW REQUIRED (Hp)	POWER HARROW WEIGHT (kg)
			work	transport	540 (STD)	1000 (OPTION)		
					(rpm)			
MK 270/300	24	10 - 32	294	300	-	365	150-270	1530

FIELD SET-UP (see page 3)

MSD COMBI [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

PNEUMATIC SEED DRILLS FOR CEREALS - Combined machine with POWER HARROW

Version MSD COMBI with power harrow MK 270

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
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VERSION MSD-C MK 270 WITH SINGLE DISC UNIT AND SEEDING DEPTH CONTROL

	14225126	MSD-C 300/270	18	16.6	300	2370	180	1300	49.580,00
	14225124	MSD-C 300/270	20	15.0	300	2400	180	1300	50.110,00
	14225122	MSD-C 300/270	24	12.5	300	2460	180	1300	51.040,00

VERSION MSD-C MK 270 WITH SINGLE DISC UNIT + DEPTH GAUGE WHEEL

	14227126	MSD-C 300/270	18	16.6	300	2430	180	1300	52.820,00
	14227124	MSD-C 300/270	20	15.0	300	2470	180	1300	53.470,00
	14227122	MSD-C 300/270	24	12.5	300	2550	180	1300	55.150,00

VERSION MSD-C MK 270 WITH DOUBLE DISC UNIT + DEPTH GAUGE WHEEL

	14228126	MSD-C 300/270	18	16.6	300	2470	180	1300	55.430,00
	14228124	MSD-C 300/270	20	15.0	300	2520	180	1300	56.460,00
	14228122	MSD-C 300/270	24	12.5	300	2610	180	1300	58.350,00

ACCESSORIES on page 236

ACCESSORIES MSD COMBI

	CODE	DESCRIPTION	PRICE (€)
	91050904	Surcharge for cardan fork 1" 3/8 Z21	61,00
	91050905	Surcharge for cardan fork 1" 3/4 Z20	61,00
	91050906	Surcharge for cardan fork 1" 3/4 Z6	61,00
	91050907	Kit rigid track eradicator (N. 1)	250,00
	91050908	NO-STOP spring track eradicator kit (No. 1)	700,00
	91050909	Surcharge for quick-fit tines; 300 cm power harrow	1.670,00
	09090068	Surcharge transport panels yellow/ red stripes	0,00
	14910101	Surcharge for seed-covering spring-tooth harrow (for version with wheel)	1.640,00
	NOTE	The deduction of the straight spring present in the wheel version has already been calculated	
	14950035	Distribution head mixer impeller (one piece)	52,00
	NOTE	Suggested for Ryegrass and Alfaalfa seeds only.	
	91050901	Hydraulic disc row marker	3.040,00

ACCESSORIES

MSD COMBI

ELECTRONICS			
	CODE	DESCRIPTION	PRICE (€)
	14940013	Tramline 2+2	1.340,00
	14940014	Tramline 3+3	1.750,00
	NOTE	Indicate desired roadway	
	14947006	Electric sowing excluder acting on each dispenser, 2 sections Compatible with ISOBUS system too	1.300,00
	19015114	MSD Combi ISOBUS conversion (Includes X4 terminal price reduction. Does NOT include an ISOBUS virtual terminal; this can be selected on page 242)	2.080,00

MSD COMBI FOLDING [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

PNEUMATIC SEED DRILLS FOR CEREALS - Combined machine with POWER HARROW



SVA front hopper.

Main features

Pneumatic seed drill for sowing in rows in prepared or semi-prepared soil. The working width ranges from 5.0 m to 7.0 m with a standard row distance of 12.5 cm.

The 4 dispensers are powered by an electric motor and controlled by the MaterMacc X4 sowing monitor. This monitor allows the seed density to be changed quickly, by setting the desired value. It also controls the sowing flow for each section. The tramline and seed exclusion functions are optional and can be integrated with the X4 monitor.

STANDARD EQUIPMENT - complete seed drill

Transport width 2.54 m
Pneumatic fan hydraulic drive, tractor dependent [*]
Seed covering shoe harrow
N° 4 metering units with 4 distribution heads
Electric sowing metering unit
Seeding monitor X4
Small seed kit included
New MagicDrill dispenser also for minute seeds or fertilizer
Electric calibration button
Front tank capacity L 1800
Filtering grid integrated on the hopper
Coulter pressure adjuster for single unit
Loading platform with folding stepladder
LED road light kit and panels (mounted, white-red)
Quantity seeding test container
Electronic scale for sowing test
Distribution head tube caps supplied
Parking wheel kit (dedicated to front hopper only!)
NOTE: Hydraulic connection from the tractor, minimum 2 (1 double effect, 1 free hydraulic return flow)

Requires tractor with lift and front hydraulic intake.

[*] The required continuous oil flow is 40 litres/min with direct back-flow to the tank, ISOBUS front socket if ISOBUS kit is purchased.

ACCESSORIES

ISOBUS-Ready electric sowing excluder acting on each dispenser, 4 sections
Automatic tramlines with electromechanical closing system 2+2 or 3+3 rows
Automatic hydraulic row marker (marking on tractor center or on wheel track)
Tank extension 400 L painted

EQUIPMENT - MONITOR X4 [#]

Seeding check alarm
Partial and total hectare counter
Working speed
Blower RPM sensor
Seed level sensor
Tramline set-up
Section excluder set-up
Seeder Pre-Start, Pre-Stop
NOTE: Speed checking from GPS

[#] Monitor included



FIELD SET-UP (see page 3)

MSD COMBI FOLDING [WHEAT, RICE, PEA, RAPE SEED, ALFALFA]

PNEUMATIC SEED DRILLS FOR CEREALS - Combined machine with POWER HARROW

	CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)	PRICE (€)
--	------	-------	---------	---------------------	------------------	--------------------	------------------------	------------------------	-----------

MSD CF + SVA + MK VERSION WITH SINGLE DISC

	14325523	MSD-CF 500/260	32	15,6	254/500	4290	180	1800	90.400,00
	14325525	MSD-CF 500/260	36	13,9	254/500	4350	180	1800	91.200,00
	14325522	MSD-CF 500/260	40	12,5	254/500	4410	180	1800	92.070,00
	14325634	MSD-CF 600/350	40	15,0	254/600	5210	240	1800	101.900,00
	14325635	MSD-CF 600/350	44	13,6	254/600	5270	240	1800	102.780,00
	14325632	MSD-CF 600/350	48	12,5	254/600	5330	240	1800	103.650,00
	14325734	MSD-CF 700/350	48	14,6	254/700	6200	260	1800	114.600,00

MSD CF + SVA + MK VERSION + WITH SINGLE DISC + DEPTH GAUGE WHEEL

	14327523	MSD-CF 500/260	32	15,6	254/500	4270	180	1800	96.230,00
	14327525	MSD-CF 500/260	36	13,9	254/500	4350	180	1800	97.340,00
	14327522	MSD-CF 500/260	40	12,5	254/500	4430	180	1800	98.420,00
	14327634	MSD-CF 600/350	40	15,0	254/600	5190	240	1800	110.130,00
	14327635	MSD-CF 600/350	44	13,6	254/600	5270	240	1800	111.240,00
	14327632	MSD-CF 600/350	48	12,5	254/600	5350	240	1800	112.310,00
	14327734	MSD-CF 700/350	48	14,6	254/700	6230	260	1800	123.250,00

MSD CF + SVA + MK VERSION WITH DOUBLE DISC + DEPTH GAUGE WHEEL

	14328523	MSD-CF 500/260	32	15,6	254/500	4300	180	1800	99.190,00
	14328525	MSD-CF 500/260	36	13,9	254/500	4400	180	1800	100.580,00
	14328522	MSD-CF 500/260	40	12,5	254/500	4500	180	1800	101.900,00
	14328634	MSD-CF 600/350	40	15,0	254/600	5200	240	1800	113.080,00
	14328635	MSD-CF 600/350	44	13,6	254/600	5300	240	1800	114.230,00
	14328632	MSD-CF 600/350	48	12,5	254/600	5400	240	1800	115.790,00
	14328734	MSD-CF 700/350	48	14,6	254/700	6300	260	1800	126.700,00

ACCESSORIES on page 241

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MK 260/350

POWER HARROW WITH Ø 550 MM PACKER ROLLER

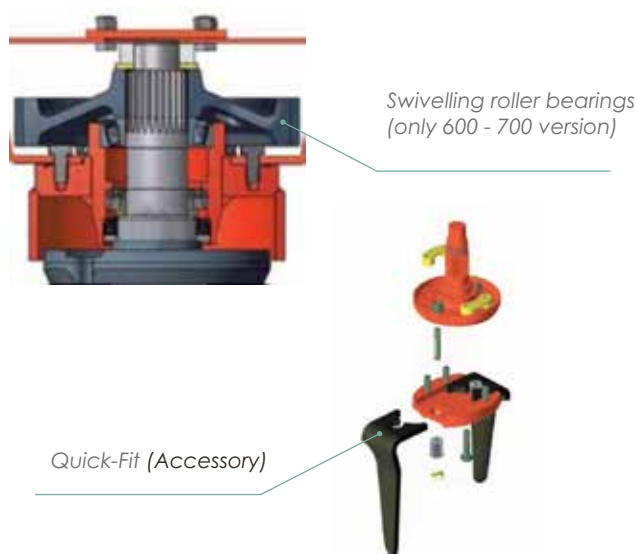
Main features POWER HARROW

To ensure excellent performance even in difficult conditions where there are crop residues, our machines are designed and built with an optimal distance between the tooth-holder support and the harrow box. This means a significant amount of residue and any stones can pass through easily, avoiding running into troublesome blockages.

The teeth on the harrow also ensure optimal penetration including in difficult terrain, maintaining a constant working depth. The Packer roller with a diameter of 550 mm is suitable for medium-to-hard terrain; it is extremely versatile and can be used in combination with the seeder.

EQUIPMENT BASIC VERSION MK 260/350

3 point hitch Cat. III
Adjustable front floating hitches
1" 3/8 Z6 drive shaft with slip clutch (MK260)
1" 3/4 Z6 drive shaft with cam clutch (MK350)
Direct lateral drive shafts
Hydraulic closing/opening with safety hooks
Adjustable speed of the rotating blades inverting gears position inside the lateral gearboxes
Swivelling roller bearings (MK 260: ball; MK 350: roller)
Blades 300/15 mm
Stone collar protection
Adjustable floating side shields
Leveling bars with mechanical central adjustment
Rear roller pin adjustment
Rear light bar
Central track eradicator
Mechanical floating system
"CE" safety guards
Parking wheel kit (dedicated to front hopper only!)



MODEL	N° BLADES	WORK DEPTH (cm)	WIDTH		RPM ROTOR 1000 (rpm)	HARROW REQUIRED MINIMUM POWER (Hp)	POWER HARROW WEIGHT (kg)
			work	transport			
WORK DEPTH							
		(cm)		(cm)			
MK 260/500	40	10 - 30	496	250	310/352	160-260	2900
MK 350/600	48	10 - 30	592	250	324/363	220-350	3590
MK 350/700	56	10 - 30	688	250	324/363	250-350	3920

	CODE	DESCRIPTION	PRICE (€)
	91050904	Surcharge for universal joint 1" 3/8 Z21	61,00
	91050905	Surcharge for universal joint 1" 3/4 Z20	61,00
	91050906	Surcharge for universal joint 1" 3/4 Z6	61,00
	91050907	Kit rigid track eradicator (N. 1)	250,00
	91050908	NO-STOP spring track eradicator kit (No. 1)	700,00

ACCESSORIES

MSD COMBI FOLDING

	CODE	DESCRIPTION	PRICE (€)
	91050919	Surcharge for quick-fit tines; 500 cm power harrow	2.690,00
	91050920	Surcharge for quick-fit tines; 600 cm power harrow	3.160,00
	91050922	Surcharge for quick-fit tines; 700 cm power harrow	3.780,00
	09090068	Surcharge transport panels yellow / red stripes	0,00
	14910151	Surcharge for spring-tooth harrow 500 (for version with wheel)	2.980,00
	14910161	Surcharge for spring-tooth harrow 600 (for version with wheel)	3.340,00
	NOTE	The deduction of the straight spring present in the wheel version has already been calculated	
	91050917	Hydraulic disc row marker (500-600)	4.150,00
	14950035	Distribution head mixer impeller (one piece)	52,00
	NOTE	Suggested for Ryegrass and Alfaalfa seeds only.	
	12960002	Hydraulic hose extension kit for SVA front hopper	500,00
	14910002	Tank extension 400 L painted	900,00

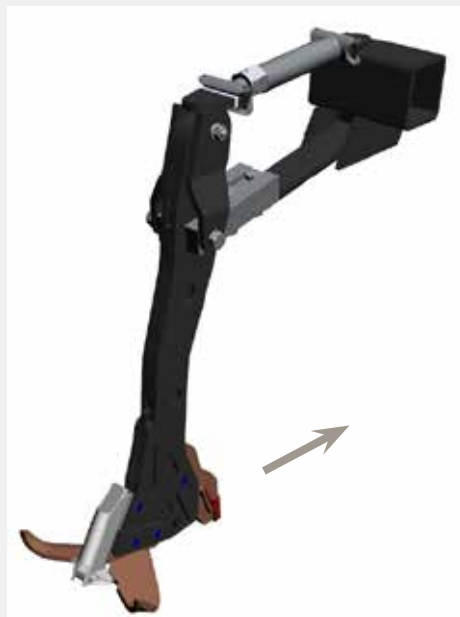
ACCESSORIES

MSD COMBI FOLDING

ELECTRONICS			
	CODE	DESCRIPTION	PRICE (€)
	14940013	Tramline 2+2	1.340,00
	14940014	Tramline 3+3	1.750,00
	NOTE	Indicate desired roadway	
	14947005	Electric sowing excluder acting on each dispenser, 4 sections. Compatible with ISOBUS system too	1.890,00
	19015114	MSD Combi ISOBUS conversion (Includes X4 terminal price reduction. Does NOT include an ISOBUS virtual terminal; this can be selected on page 250)	2.080,00
	19015110	9.5m ISOBUS extension for special applications	910,00
	NOTE	If the tractor has no front Isobus socket	



PNEUMATIC SEED DRILLS MINIMUM TILL & NO TILL



UST COULTER

Under Surface seeding Technology
for minimum / No-Tillage

Ideal working speed: 12-16 km/h



WARNING: Any customized configurations foresee a non-deductible surcharge of 1.000,00€ for feasibility analysis.

Pneumatic seed drills minimum till & no-till - Hydraulic folding tool bar



Main features

The seeders in the UST (Under Surface Seeding Technology) series are built for sowing on land that has not been tilled, or that has only been minimal tilled with cereals, rape, forage or catch crops. The seeders can be used as a cultivator for preparing the seed bed, without transforming it.

STANDARD EQUIPMENT

Transport width 3,0 m
Independent frames with 3 sections (2+2 sections UST 600)
Cat. 2 and 3 3-point hitch, with rotation joint
Hydraulically activated fan, dependent on the tractor [*]
Coulter type: UST Opener with safety bolt
Tungsten carbide coated wing coulters
2 x volumetric dispensers
Seeding monitor: Monotronic 32
Pneumatic seed transportation
Seed tank with 2 independent covers; version seed/fertilizer with segmented tank (2000L /1000L)
Inspection platform for seed tank
Electronic scale for sowing test
LED road light kit and white-red panels
Hydraulic distributors for tractors: 1 priority distributor with flow control, 1 single-acting distributor with float function, 1 dual-acting distributor, 1 free hydraulic return flow, parallel RTK guide recommended

[*] The required continuous oil flow is 40 Liters/Min with direct back-flow to the tank.

ACCESSORIES

Inter-row variation kit 45-60-75 cm
Semi-minute metering roller

EQUIPMENT MONITOR MONOTRONIC 32

Seeding check alarm
Partial and total hectare counter
Working speed sensor
Flow control for each single row (seed only)



Wheel axle predisposed for brake system

Road transport wheels: 2 x 700/50 - R22,5

Compression wheels: 15 (UST 450), 20 (UST 600) x 17x8.00-R8

DEPTH GAUGE WHEELS: 3 x 26x12-12 (UST 450), 4 x 26x12-12 (UST 600)

FIELD SET-UP (see page 3)

UST [WHEAT, RICE, PEA, SOYA, ALFALFA]

Pneumatic seed drills minimum till & no-till - Hydraulic folding tool bar

CODE	MODEL	N° ROWS	ROW SPACING (cm)	TOOL BAR (cm)	DRY WEIGHT (kg)	POWER (Hp) REQUIRED	HOPPER CAPACITY (L)		PRICE (€)
							seed	fertil	

VERSION UST WITH COULTER UNIT UST + FERTILIZER

	16220001	UST 450	15	30.0 [#]	290/450	4280	140	2000	1000	85.680,00
	16220002	UST 600	20	30.0 [#]	300/600	5200	180	2000	1000	100.840,00

[#] Each seeding element can distribute seeds on two rows placed about 15 cm one from another



ACCESSORIES on page 246

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ACCESSORIES UST

	CODE	DESCRIPTION	PRICE (€)
	09090068	Surcharge transport panels yellow / red stripes	0,00
	16900009	Wider wing coulter surcharge useful for weeds management (per element), without tungsten treatment	73,00
	NOTE	Seeds are still going to be distributed on two rows placed approximately 15 cm one from another	
	16900013	Deduction from tungsten fin to untreated fin (per element)	-33,00
	NOTE	Suggested on extremely rocky soils	
	16900007	Row spacing modification kit 45-60-75 cm compatible with both UST 450 and UST 600	1.640,00
	16900003	Small seed dispenser roller UST 450	860,00
	16900004	Small seed dispenser roller UST 600	940,00
	NOTE	In addition to the standard model	
	16900011	Surcharge for complete compression wheels stone protection kit compatible with both UST 450 and UST 600	810,00
	16900006	Air brake system surcharge	3.050,00

ISOBUS kit for sowing control (ECU only; Virtual terminal not included)



ISOBUS

Seeding control system based on ISOBUS standard (ISO 11783). Compatible* with main tractor/terminal brands with ISOBUS technology. See page 243 for compatibility table.

Seeding flow display with alarm

Hectare counter

Hopper level sensor

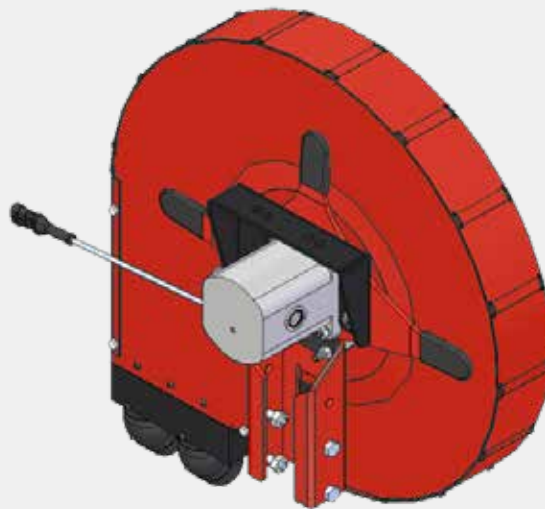
Fan rev sensor

NOTE: Speed checking from the speed-detection sensor on the tractor wheel.

CODE	DESCRIPTION	PRICE (€)
19015286	ISOBUS kit for 15-row sowing control	3.750,00
19015287	ISOBUS kit for 20-row sowing control	4.150,00

NOTE: Includes price deduction for MONOTRONIC 32; Does Not include the ISOBUS virtual terminal selectable on page 250.

After sales kit



SEED DRILLS FOR CEREALS



WARNING:

The products offered in this price list have been designed for MaterMacc machines produced from 2015 onwards; for machines manufactured before this date, contact the manufacturer.

The CE certificate of MaterMacc agricultural machinery is valid only for after-sales kits whose use was provided for in the design phase.

For each kit sold after-sales, absolute compatibility with the machine owned by the Customer is not guaranteed, it may not be standard and specific assembly diagrams will not be provided for each model. Therefore, installation on the MaterMacc site by specialized technical personnel is recommended.

MaterMacc S.p.A. accepts no responsibility for legislative non-compliance, damage to persons or property resulting from the autonomous installation of the after-sales kits in this price list.

SEED DRILLS FOR CEREALS

AFTER SALES KIT

SEEDING UNITS GROUP

	CODE	DESCRIPTION	PRICE (€)
GRANO - GRANO F	14912201	Harrow extension kit for double disc	370,00
GRANO - MSD	14920045	Depth limiter kit for rice for single disc (each row)	38,00

ROW MARKER GROUP (POSSIBILITY TO USE THEM ALSO IN DEDUCTION)

MSD ELEKTRO	14910012	Unique row marker kit for 500-600 version	2.470,00
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FAN GROUP

MSD ELEKTRO	09060048	Complete hydraulic fan kit (for machines prior to 2022)	2.250,00
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PULL TYPE DEVICE GROUP

GRANO X - GRANO XF	17900006	Conversion kit from mounted to trailed	2.890,00
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MaterMacc



ISOBUS VIRTUAL TERMINAL



ISOBUS VIRTUAL TERMINAL

Kit VIRTUAL TERMINAL ISOBUS XD (touch screen 7"; requires wirings)



ISOBUS

UT ISO

Supplied without antenna

Speed from wheel sensor unless otherwise specified

CODE	DESCRIPTION	PRICE (€)
19015113	ISOBUS virtual terminal XD	2.930,00

NOTE: for any supplements, contact TOPCON.

Kit VIRTUAL TERMINAL ISOBUS X25 (touch screen 8.4"; requires wirings)



ISOBUS

Full capability to map and manage data

Bright, sunlight readable multi-touch display, with information boxes that can be re-positioned

Easy to install on the most common vehicles on the market, in manual and autonomous drive mode

Possibility to export map of boundaries, coverage, applications record

Integrated complete UT ISO and TC ISO

ISOBUS with TC-SC functionality (section control), TC-BAS

GPS receiver SGR-1 supplied (accuracy: 20 cm)

CODE	DESCRIPTION	PRICE (€)
19015102	ISOBUS virtual terminal X25	7.930,00

Kit VIRTUAL TERMINAL ISOBUS X35 (touch screen 12.1"; requires wirings)



ISOBUS

VIRTUAL TERMINAL X35 offers the same functions of X25, plus some:

Horizon XTEND: allows to visualize on any mobile devices

Variable rate control (VRC) up to 8 products

Standard GNSS if connected to receivers SGR-1/AGI-4

Autonomous section control (ASC) for a maximum of 200 sections

ISOBUS with functions: UT, TC-BAS, TC-GEO and TC-SC

Ability to connect up to 6 cameras

GPS receiver SGR-1 supplied (accuracy: 20 cm)

RTK antenna as standard (centimeter accuracy) if tractor enabled

CODE	DESCRIPTION	PRICE (€)
19015103	ISOBUS virtual terminal X35	11.170,00

ACCESSORIES

CODE	DESCRIPTION	PRICE (€)
19015104	ISOBUS wiring made for Non-ISOBUS tractors (Mandatory with any ISOBUS virtual terminal)	1.560,00
19015107	ISOBUS wiring made for ISOBUS-Ready tractors (Mandatory with any ISOBUS virtual terminal)	280,00
19015112	3m Isobus extension for special applications	790,00
19015110	9.5 m Isobus extension for special applications	910,00

NOTE: example of combined machines on rotary harrows that space out access to the Isobus socket.

ISOBUS FUNCTIONS AND COMPATIBILITY

UT – Universal terminal (unique Isobus connection)



The ISOBUS universal terminal allows to use only one (compatible) terminal to operate different equipment, as well as to operate an equipment from any compatible terminal.

TC-BAS – Basic Task Controller (map import and export)



It displays the information received from the implement regarding the work performed (name of the customer / field, counters, stopwatch, etc.). You can easily import planned work into the Task Controller and/or export the complete documentation later.

TC-GEO – Geo-based Task Controller (example: variable rate)



Planning and adjusting the distribution rates according to GPS coordinates has never been easier thanks to prescription maps previously prepared.

TC-SC - Section Control Task Controller (example: section control)



Automatic sections control. Working based on GPS coordinates prevents overlapping of seed rows or excessive overlapping of passes while spraying. Depending on the shape of the field considered, it can save up to 10% of seed!

ISOBUS SYSTEM COMPATIBILITY (ALWAYS contact the producer before purchase to check for any other compatibility)

Brand	Model	UT	TC-BAS	TC-GEO	TC-SC
Topcon	X25	• Δ	• Δ	Δ	• Δ
Topcon	X30	• Δ	• Δ	Δ	• Δ
Topcon	X35	• Δ	• Δ	Δ	• Δ
Trimble	GFX-750	• Δ		Δ	• Δ
Trimble	TMX-2050 *	• Δ		Δ	• Δ
AgLeader	InCommand 1200	• Δ		Δ	• Δ
MuellerElektronik	Basic Terminal	• Δ			•
MuellerElektronik	Touch 1200	• Δ		Δ	• Δ
Fendt	VarioGuide 7"	Δ			
Fendt	VarioGuide 10.4"	Δ			
John Deere	CommandCenter 4600	• Δ			Δ
Raven	CRX	• Δ			•
CNH	IntelliView IV *	• Δ			• Δ

• : MS; TWIN; UST

Δ: MS Elektro; MSD Elektro/ FTC/ Combi/ Combi Folding; SVA Elektro

MaterMacc S.p.A. strongly recommends that the user keeps the software of his ISOBUS virtual terminal updated to maximize the compatibility between brands.

* For configuration passage, for example: from 12x45 to 8x75, the operator will have to delete the previous configuration and recreate it in the new.

Conversion tables

ROW SPACING		TOOL BAR		WEIGHT		CAPACITY (SEED, MICRO, FERTILIZER)			
(cm)	(in)	(cm)	(in)	(kg)	(lb)	(L)	(gal USA)	(gal GB)	bush USA
12.0	4.72	150	59.06	50	110.23	3	0.79	0.66	0.1
12.5	4.92	180	70.87	100	220.46	5	1.32	1.10	0.1
12.9	5.08	200	78.74	300	661.39	12	3.17	2.64	0.3
13.0	5.12	250	98.43	400	881.85	25	6.60	5.50	0.7
13.2	5.20	254	100.00	500	1102.31	35	9.25	7.70	1.0
13.6	5.35	300	118.11	600	1322.77	50	13.21	11.00	1.4
13.8	5.43	320	125.98	700	1543.24	70	18.49	15.40	2.0
13.9	5.47	330	129.92	800	1763.70	100	26.42	22.00	2.8
14.0	5.51	350	137.80	900	1984.16	120	31.70	26.40	3.4
14.1	5.55	390	153.54	1000	2204.62	137	36.19	30.14	3.9
14.3	5.63	400	157.48	1500	3306.93	170	44.91	37.39	4.8
14.7	5.79	430	169.29	2000	4409.24	180	47.55	39.59	5.1
14.8	5.83	445	175.20	2500	5511.56	205	54.16	45.09	5.8
15.0	5.91	450	177.17	3000	6613.87	215	56.80	47.29	6.1
15.6	6.14	480	188.98	3500	7716.18	220	58.12	48.39	6.2
15.8	6.22	500	196.85	4000	8818.49	283	74.76	62.25	8.0
16.0	6.30	510	200.79	4500	9920.80	330	87.18	72.59	9.4
16.7	6.57	560	220.47	5000	11023.11	380	100.39	83.59	10.8
17.6	6.93	590	232.28	5500	12125.42	420	110.95	92.39	11.9
20.0	7.87	600	236.22	6000	13227.73	450	118.88	98.99	12.8
38.1	15.00	610	240.16	6500	14330.05	500	132.09	109.98	14.2
40.0	15.75	630	248.03	7000	15432.36	585	154.54	128.68	16.6
45.0	17.72	670	263.78	7500	16534.67	600	158.50	131.98	17.0
45.7	18.00	810	318.90	8000	17636.98	670	177.00	147.38	19.0
48.3	19.00	900	354.33	8500	18739.29	700	184.92	153.98	19.9
50.0	19.69	930	366.14	9000	19841.60	800	211.34	175.98	22.7
50.8	20.00	990	389.76	9500	20943.91	830	219.26	182.57	23.6
55.9	22.00	1150	452.76	10000	22046.22	890	235.11	195.77	25.3
60.0	19.69	1200	472.44	10500	23148.54	896	236.70	197.09	25.4
70.0	19.69	1300	511.81	11000	24250.85	900	237.75	197.97	25.5
75.0	29.53	1400	551.18	11500	25353.16	1000	264.17	219.97	28.4
76.2	30.00	1500	590.55			1105	291.91	243.07	31.4
80.0	31.50	1700	669.29			1170	309.08	257.36	33.2
81.3	32.00					1170	309.08	257.36	33.2
90.0	35.43					1200	317.01	263.96	34.1
91.4	36.00					1260	332.86	277.16	35.8
96.5	38.00					1300	343.42	285.96	36.9
101.6	40.00					1340	353.99	294.76	38.0
						1350	356.63	296.96	38.3
						1480	390.97	325.55	42.0
						1500	396.26	329.95	42.6
						1810	478.15	398.14	51.4
						1980	523.06	435.54	56.2
						2000	528.34	439.94	56.8
						2200	581.18	483.93	62.4
						2360	623.45	519.13	67.0
						3000	792.52	659.91	85.1
						3600	951.02	791.89	102.2
						4200	1109.52	923.87	119.2

MaterMacc

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