

Precision planters for vegetables
MSO/MSO DUO

MaterMacc

Precision and versatility in vegetable planting



Precision assured with vegetable planting



MSO



MSO DUO

MSO/MSO-DUO series precision planters are the result of MaterMacc's long term experience in the precision seeding. The high versatility of the metering unit, enhanced by the use of the EASY-SET system for quick inter-row change, make these precision planters suitable for specialized use with both minute vegetable seeds such as onion, carrot, lettuce and larger seeds such as zucchini.

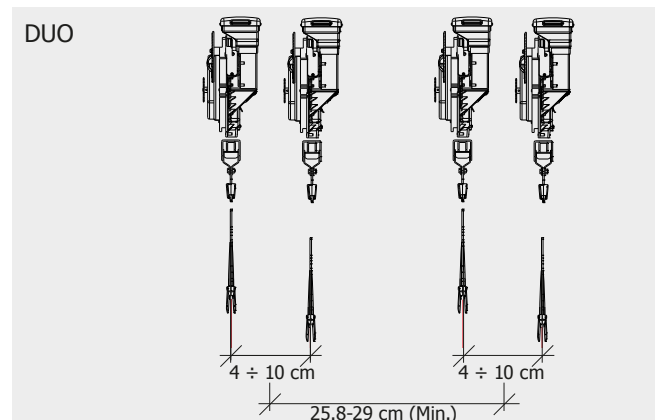
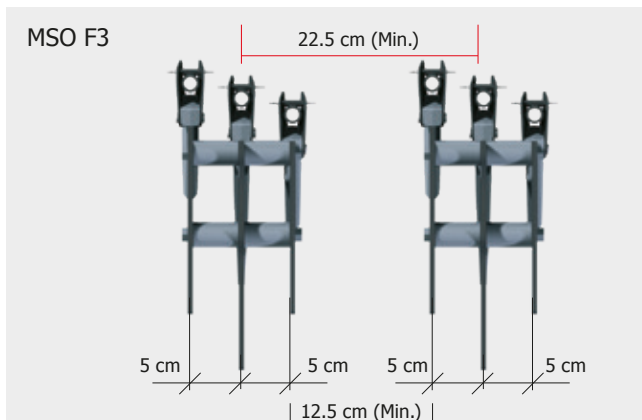


The MSO seed distributor, in addition to suction, uses two blowing air flow systems; one to facilitate the detachment of the lighter seeds from the sowing disc and keep the holes cleaned from debris **A** the other to agitate/fluff-up seeds in the bottom of the distributor in order to facilitate the pick-up onto the seed plate holes **B**.



The MSO-DUO unit is equipped with 2 MagicSem distributors. Seeding is carried out in a double line with a row spacing between 4 and 10 cm within the planting unit. As with the MSO seeding unit, the MSO-DUO is equipped with rocker arm system with an accurate endless screw depth adjustment and a range of compression wheels: rubber, stainless steel or mesh to allow for optimum seedbed preparation in all types of soil conditions.

MSO/MSO DUO



MSO

Another aspect which characterises the flexibility in use is the spacing between rows. Although the minimum spacing between rows of MSO (centre to centre) is 22.5 cm, it is possible to use double F2 or triple F3 coulters with a dedicated selector to plant 2 or 3 rows simultaneously.

MSO DUO

Alternatively, you can rely on the more precise MSO DUO and vary on the same element the row spacing from 4 to 10 cm. The minimum row spacing depending on the set width of the bina can vary from 25.8 cm to 29 cm.



Height-adjustable drive wheels with pin system ensure optimum sowing in all conditions both on flat ground and raised beds.



MIPLUS, seeding quality control according to ISO 7256/1 standardized protocol. Thanks to the APP for tablets and smartphones, both iOS and Android, it ensures ease of use. It allows monitoring the seeding quality of MSO F1 and MSO DUO vegetable planters in real time and per row, up to a maximum of 60 rows.



Our history

- MaterMacc was born in 1983 from the passion for agriculture and the constant search for new solutions for the agricultural world
- It specializes in the design and manufacture of pneumatic precision seed drills for traditional crops, as well as pneumatic and mechanical-pneumatic seed drills, no-till seed drills and weeders
- It also produces electronic equipment for the control and management of agricultural machinery and irrigation management tools
- Made in Italy technology and quality at the service of agriculture

Quality in precision planting

- MaterMacc is proud to offer planters suitable for use in conventional tillage, minimal tillage or direct seeding (No-Till), meeting the needs of all farms
- The MagicSem pneumatic distributor, the greatest strength and core of MaterMacc planters, was designed to insure accurate seeds distribution at a constant and precise distance. It always maintains excellent performance with all seeds typology and size
- The corporate belief is that the equipment performance and the high level of service provided, above all guarantee customers growth over time, as customers success becomes MaterMacc success
- MaterMacc, Smart precision planters

MSO	Min. Inter-row	Working width	Basic weight	Power required	Seed capacity
3 ROWS	22,5 cm	200 cm	425 kg	30 hp	15 l.
4 ROWS	22,5 cm	200 cm	470 kg	30 hp	20 l.
5 ROWS	22,5 cm	200 cm	515 kg	40 hp	25 l.
6 ROWS	22,5 cm	250 cm	560 kg	40 hp	30 l.

MSO DUO	Min. Inter-row	Working width	Basic weight	Power required	Seed capacity
3X2 ROWS	25,8 -29 cm	200 cm	500 kg	40 hp	30 l.
4X2 ROWS	25,8 -29 cm	200 cm	520 kg	40 hp	40 l.
5X2 ROWS	25,8 -29 cm	200 cm	530 kg	50 hp	50 l.
6X2 ROWS	25,8 -29 cm	250 cm	570 kg	50 hp	60 l.