MONSUN ME

Model	MONSUN MA			MONSUN MB			MONSUN MC		MONSUN MD		MONSUN ME		MONSUN MF	
Operating width (m)	3	4	4,5	3	4	4,5	3	4	6	8	6	8	3	4
Number of rows / row width (cm)	24 / 12,5 32/9,4	24/16,7 32/12,5 40/10	32/14 36/12,5 40/11,2	24/12,5 32/9,4	24/16,7 32/12,5 40/10	32/14 36/12,5 40/11,2	24/12,5 32/9,3	32/12,5 40/10	48/12,5 64/9,4	64/12,5	48/12,5 64/9,4	64/12,5	24/12,5 32/9,4	32/12,5 40/10
Container capacity	1150	1150	1150	1150	1150	1150	1150	1150	2 x 1150	2 x 1150	2000	2000	1100	1100
Extension capacity	-	-	-	-	-	-	-	-	-	-	-	-	600	600
Tyres	23x 8,5-12	23x 8,5-12	23x 8,5-12	-	-	-	-	-	7,5x16	7,5x16	31x 15,5-15	31x 15,5-15	-	-
Min. weight without seeds (kg)	600	660/730	720/800	630	690	750	2400	2850	1080	1250	1570	1820	395/430	395/500
Pulling mean (kW/k) *	44/60	59/80	66/90	88/120	118/160	132/180	88/120	118/160	74/100	96/130	118/160	100/160	89/110	110/150
Output capacity (ha/hod)	1,5-3,6	2-4,8	2,3-5,5	1,5-3,6	2-4,8	2,3-5,5	1,5-3,6	2-4,8	3-7,2	4-9,6	3-7,2	4-9,6	1,5-3,6	2-4,8
Transport speed (km/h)	10	10	10	10	-	-	-	-	10	10	10	10	10	10
Operation speed (km/h)	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12	5-12

* Recomended performance. It can vary according to soil conditions.

The information stated in the leafl et may not be up-to-date. You can fi nd updated information at www.farmet.eu

COMPANY OF THE YEAR 2009
IN CZECH REPUBLIC

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Farmet® ČESKÁ SKALICE

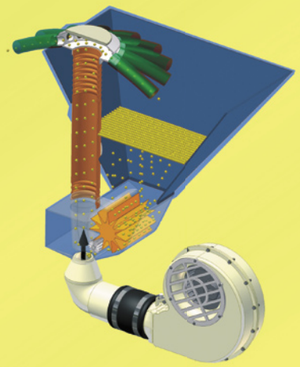
The effective technology

Pneumatic Sowing Machines
MONSUN

eXtra STEEL line®

MONSUN MC

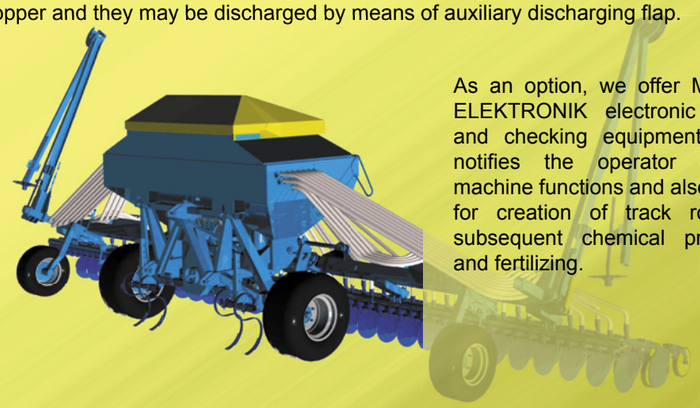
Pneumatic Seeding System



Pneumatic sowing machines are used not only for seeding of common cereals (wheat, rye, barley, oats), but also legumes and oleaginous crops (pea, beans, bean pod, corn, soya-beans, oilseed rape etc.), and even grasses from 1 mm to 10 mm.

Core of the system is central dosage. It enables maximum precise dosage of the seeds within range 2 - 380 kg per hectare. Central fully closed seeding roll accurately measures the seed and feeds it into injector channel, where it is mixed with air flow from fan; then it continues through the diffusion tube into distributor and further through seed-ducts into individual seeding units. There are only minimum residual seeds in the hopper and they may be discharged by means of auxiliary discharging flap.

The Monsun sowing machines use original seeding equipment ACCORD, which enables precise dosage within range 2-380 kg/ha. It may be used both for seeding of cereals, and grasses with the grain size from 1 mm to 10 mm.



As an option, we offer MÜLLER ELEKTRONIK electronic control and checking equipment, which notifies the operator on the machine functions and also serves for creation of track rows for subsequent chemical protection and fertilizing.

PNEUMATIC SOWING MACHINES **MONSUN**

MONSUN MA	The design determines the machine for small and medium areas. Its main advantage is location of gravity centre near the tractor, which eliminates the driving unit power requirements. Required power ranges from 44 kW at working coverage 3 m to 66 kW at coverage 4.5 m. The machine is easily connected by 3-point linkage directly to the tractor or to the soil-processing machine. In working position the machine is semi-supported by own wheels.
MONSUN MB	The sowing machine is intended as extension to active and passive machines for preparation of all types of soil. Connected with the rotation cultivator it creates especially powerful combination, which manages the soil preparation and sowing in single working operation even under extreme conditions. The aggregation is realised quickly and simply by means of quick-linkage device.
MONSUN MC	It is intended for combining with rotation harrows. It is suitable for preparation of soil and sowing in single working operation. The seed hopper is located above the rotating harrows, thus optimising the position of gravity centre and decreasing required lifting force. On the rotating harrows there are installed adjustable and hydraulically controlled markers. The machine is fitted with new mechanism for opening of hopper, which enables full opening of hopper during filling of bags.
MONSUN MD	Low weight, high hopper capacity and working width 6 - 8 m predetermine this machine for high performances at low costs. Advantageous position of gravity centre reduces need of drive force (working coverage 6 m from 70 kW). The sowing machine is fitted with two hoppers and two seeding mechanisms with drive firmly integrated into the axle wheels.
MONSUN ME	Main advantage of the machine is hydraulic tilting to 3 m transport width, and thus it is suitable also for aggregation with machines for the soil preparation. The shoe carrier is hydraulically tilted together with the markers, irrigation springs or other auxiliary options without need of any manual intervention of the operator. The sowing machine itself is directly aggregated to the tractor and delivered in working widths 5; 6 and 8 m.
MONSUN MF	Combination of front-mounted seed (or fertilizer) hopper and rear-mounted seeding units. The sowing machine can be combined with various soil-preparation machines. Additionally, the front part can be used for auxiliary fertilisation in combination with sowing machine for precise seeding. Substantial advantage of the machine is even distribution of weight to the tractor, which decreases the power requirements by 20 %.

Variant I:

Knife Shoe

The unit is suitable for light types of soils with low content of plant remains. Closing plate prevents its blocking during back movements. It properly crosses the obstacles, such as stones and/or bats.

Variant II:

Disk Shoe

The unit is suitable for heavier soils. Its benefit is good passability and it manages also higher content of plant remains.

Variant III:

Disk Shoe X

Seeding units X are designed to conventional or minimizing sowing for mulching in heaviest soils with high content of plant remains. Mutual displacement and turning of disks enables seeding during dry climatic conditions, as well as under increased soil humidity. Housing of disks prevents blocking of seeds, sticking of soil to disks and their subsequent stopping.