

Trailed Min-Till Seed Drills



ESPRO M 3000 C and M 4000 C

Product information

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The development of the ESPRO range continues with the arrival of 2 models designed for farms that want the simplest most economical non-folding minimum cultivation seed drill capable of distributing fertiliser while seeding.

The ESPRO MC comes in working widths of 3 m and 4 m with **mechanical distribution** and **double distribution**.



FLUTED METERING UNIT FOR PERFECT DISTRIBUTION

The fluted metering system ensures perfectly uniform and continuous distribution. It has an operating range of between 60 and 600 kg/ha and the units are continuously adjustable. The polyurethane fluted cells eliminate any risk of abrasion from fertiliser. Maintenance is easy because the distribution system is simple to remove.



CONTROLLED DISTRIBUTION

Volumetric metering by HELICA fluted units is adapted to all seed types and can distribute from 1.5 to 450 kg. HELICA distribution provides precision and reliability for the entire seeding operation (all day). It ensures a regular application rate even on slopes and uneven ground (unaffected by vibrations). The seed drill's central wheels drive the metering system via a 6-cam selector. This creates smooth rotation to ensure great control and a regular flow.



HIGH PRECISION, HIGH SPEED

The CROSSFLEX coulters bar consists of a specially profiled tube onto which the seeding units are mounted on polyurethane blocks. They are held in place firmly to prevent any sliding around the tube.

SIMPLE CONVENIENT ADJUSTMENTS

All adjustments are made by adding or removing spacers on the cylinders.

FINE DETAILS: HIGH PRECISION

It's often the small details that make all the difference! The fact that the seeds drop between the 41 mm offset double discs which is positioned in front of the disc hubs is a small detail that results in high precision seeding. Seeds are accompanied downwards naturally by the rotating discs.

PRECISE FERTILISER APPLICATION IS VITAL

Fertiliser is delivered directly in front of the press wheels by a row of single-disc seeding units. They are ideally positioned between two seeding lines which means that fertiliser can be spread in the same place: between two seeding rows. Depth is adjustable by spacer. The perfect amount of fertiliser is delivered to young plants in the early stages of growth with no risk getting burnt.

Technical specifications

Trailed Min-Till Seed Drill

	ESPRO M 3000 C	ESPRO M 4000 C
Working width (m)	3.00	4.00
Transport width (m)	3.00	4.07
Transport length (m)	8.72	8.72
Hopper capacity (l) Fertilisation / Seeds	2,350 / 1,200 1,875 / 1,875 1,100 / 2,330	3,350 / 1,650 2,500 / 2,500 1,500 / 3,250
Total capacity (l)	3,750	5,000
Preparation discs (in 2 rows)	24	32
Dimension of preparation discs (mm)	Diameter 460 - Thickness 5	
Fertilisation metering	Fluted distribution (60 to 600 kg/ha)	
Number of fertilisation rows	10	13
Number of press wheels (900x215 mm)	10	13
Wheel dimensions (mm)	900 x 215	
Wheel offset (mm)	200	
Seed metering	HELICA-type (1.5 to 450 kg/ha)	
Type of seeding unit	CROSSFLEX - Single-arm unit with hydraulic pressure and seed-depth adjustment Offset double discs with carbide coated scrapers	
Number of rows (in 2 lines)	20	26
Row spacing (cm)	15	15.84
Terminal	HECTOR 3000 Seed level - metering unit rotation	
Lighting and signalling	As standard	
Hydraulic requirements	1 DA with pre-selection	
Tractor power (hp)	120	160
Approx. weight of standard machine (kg)	4,750	6,050

Options: Front press wheels (6 wheels): side markers; pre-emergence markers.



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