

Press Release

MONOSEM Innovation – SIMA 2009

AULARI fertilizer hopper

MONOSEM will be exhibiting on their stand, and for the first time at SIMA (Hall 6, Stand H 50), the MONOSEM fertilizer hopper by Aulari.

Developed in collaboration with the Canadian company, Aulari, this 6000-litre hopper offers a solution for fertilizing when planting up to 16 rows.



- **Pull-type frame**

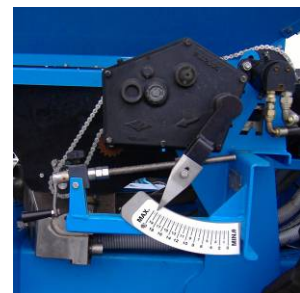
The hopper rests on a pull-type frame equipped with a 3-point lift system to the rear to hitch up a planter, a cultivator or another toolbar. The running carriage is made up of 4 radial tyres 380/85R38 (other dimensions are possible) and supports the whole unit which enables the transfer of the planter weight on to the hopper which limits the stress on the tractor with such a wide planter. The twinned wheels on the hopper positioned in the inter row spacing limit the packing of the soil on the planting line. The transport width of the hopper is under 3m50 for an inter row spacing of 75 cm with the twinned wheels.

- **High capacity hopper**

The 6000-litre hopper in stainless steel offers a wide operating radius for the 12 and 16-row planters. It has, as standard equipment, an access ladder, a platform and a tarpaulin. A hopper with a capacity of 3000 litres, better suited to the 6 or 8-row planters, is also available.

- **Distribution system in stainless steel**

The distribution system in stainless steel has an output proportional to the mechanical forward travel. The **distribution row by row** associated with a variable speed drive, enables adjustment with an excellent precision of the quantity of fertilizer spread from 50 to 500 kg/ha. A blowing system by turbofan transports the fertilizer to the discs. Each disc equipment is equipped with a vacuum cyclone. Mechanical trapdoors enable the stopping of fertilizing row by row or on all the rows. For extra comfort, hydraulic trapdoors are proposed on option together with a fertilizer drop monitor.



- **Operating comfort**

In the cab, a hydraulic selector enables the control, with just one double action, of all the planter and fertilizer functions (hydraulic trapdoors, row markers, folding,...).

On option, **an integrated fertilizer weighing system** enables a precise control of the quantity spread. This system has an independent display.

With this high capacity, pull-type hopper, MONOSEM proposes a solution for solid localized fertilization for large farms using planters with up to 16 rows. The pull-type unit offers, due to its 6000-litre hopper, a wide operating radius without requiring a tractor which is too heavy.