

Press Release

What's new at MONOSEM AGRITECHNICA 2007

On the occasion of Agritechnica 2007, Monosem will be exhibiting on their stand (Hall 11 stand B 53) several new products.

New 8-row folding maize planter with centralized, high capacity fertilizer hopper.

Monosem completes their 8-row maize planter range with a new folding frame equipped with a centralized fertilizer hopper of 1500L. This frame is characterized by :

- The choice between two types of metering units :
 - the NG Plus 3 with discs for planting in traditional or low till preparation conditions benefiting from Monosem's 18 years of experience with this system.
 - the NC Classic metering units with shoes (double disc openers on option) for planting in traditional soil preparation conditions,
- A new fixed folding frame or floating when working, equipped with :
 - new compact row markers limiting the height in transport position to 3m50 and the transport width to 3m00,
 - wide 26x12 wheels,
 - a lateral gearbox with interchangeable sprockets offering a larger range of seed population settings,
 - a regrouping of the seed population, the fertilizer and microgranulator settings on the left hand side of the planter.
- A high capacity centralized fertilizer attachment equipped with :
 - a drive by FertiDrive variator which is very quick and easy to adjust,
 - two lateral trapdoors for rapid emptying of the hopper,
 - rapid opening with tarpaulin,
 - 8 outlets with individual shut-off of each row in stainless steel,
 - an air system on the folding parts with integrated cyclone,
 - on option, a hydraulic loading screw.

This new frame is also characterized by its compact design and low overhang in order to be used with average-sized tractors.

As with the other planters in the Monosem range, this new model can be equipped on option with seed monitors, manual or automatic row cut-off systems , the SeedDrive system, ...

With this new planter, Monosem offers a solution for a larger working independence to contractors and large farms with rapid and simple adjustments for maize planting in traditional or low till conditions.



Monosem SeedDrive : Set the seed population from your tractor seat..

The Monosem SeedDrive is a continuous seed population control system for use on precision planters.

The SeedDrive hydraulic control system for seed population replaces the seed spacing gearbox(es) on the planter. One or several hydraulic motors drive the seed discs.

The operator can thus easily adapt the seed population from the tractor cab according to the variety of seed, the plot or the customer. The CS7000 terminal situated in the cab manages all the SeedDrive system functions. The whole system is compatible with the ISOBUS standard.

The full computer control with speed measured by radar (eliminates slipping) and the individual electronic monitors enable a very precise control of the seed population resulting in seed economies.



The SeedDrive system associated with the CS 7000 terminal ensures the following functions:

- Continuous control of seed population.
- Display of working speed by radar.
- Display of total or partial planted surface.
- Display of the average seed population per hectare.
- Display of the average distance between seeds.
- Monitoring and counting of each row with alarm at programmable thresholds.

The SeedDrive system can also be developed as you just have to add secondary modules to obtain new functions. For example you can add :

- A management module to cut off each row of the planter with automatic Tramline function or manual row cut-off row per row.
- A module for managing planters with over 16 rows.
- ...

This system is user-friendly and enables you to adapt exactly the population to the variety and the planting conditions. This leads to a better management and seed economy.

New 8-row NX pull-type maize planter

For the countries of central and eastern Europe, Monosem will be exhibiting an 8-row NX maize planter equipped with a pull-type frame. This new heavy-duty frame is composed of 2 main bars, an adjustable tongue and hydraulic wheel units which ensure the lifting of the planter.

The NX metering units are equipped with 72-litre seed hoppers and fertilizer attachments with discs and high capacity hoppers (2 x 1000 litres). This equipment together with the pull-type frame allowing a large working independence with a reduced traction power.

Equipped with double adjustable pressure springs and a TOP 7" pull-type frame, this NX planter can work in traditional or low till conditions.



New seed monitor

CS 2000-12

CS 2200-12

CS 6000-24

Three new seed monitors to complete the Monosem range.

The CS 2000-12 is an entry level model enabling monitoring up to 12 rows. It ensures the seed passage monitoring row by row with lighting display and alarm.

The CS 2200-12, a little more complete, also enables monitoring up to 12 rows. It has the same functions as the CS 2000, with also :

- the working speed,
- total and partial surface counting.

The CS 6000-24 is a much more complete and high performance seed monitor enabling monitoring up to 24 rows and managing 12 row cut-off systems. It's main functions are :

- seed counting
- row by row seed population
- alarm level according to registered population
- working speed
- total and partial surface counting
- manual row cut-off systems row by row
- automatic programming row cut-off
- control light for each row cut-off.

