

# Press Release

## New MONOSEM Features – Agritechnica 2013

### **Monoshox® NG Plus ME Concept**

MONOSEM will be exhibiting on their stand at Agritechnica (Hall 11, Stand B 53) a new metering unit concept with electric drive. Named **Monoshox® NG Plus ME**, this concept is based on the new metering unit range Monoshox® NG Plus M.

#### **Adjustment of the seed population from the tractor cab**

Proposed for nearly 10 years now, the seed population managed from the tractor cab was offered via the hydraulic control system named Seed-Drive. Today, MONOSEM proposes a new control concept based on an **electric drive of the planter units**. Each planting unit has an electric motor, driving the seed discs via a notched belt. This drive is maintenance-free and the overall dimensions remain limited so as to preserve all inter row spacing possibilities.

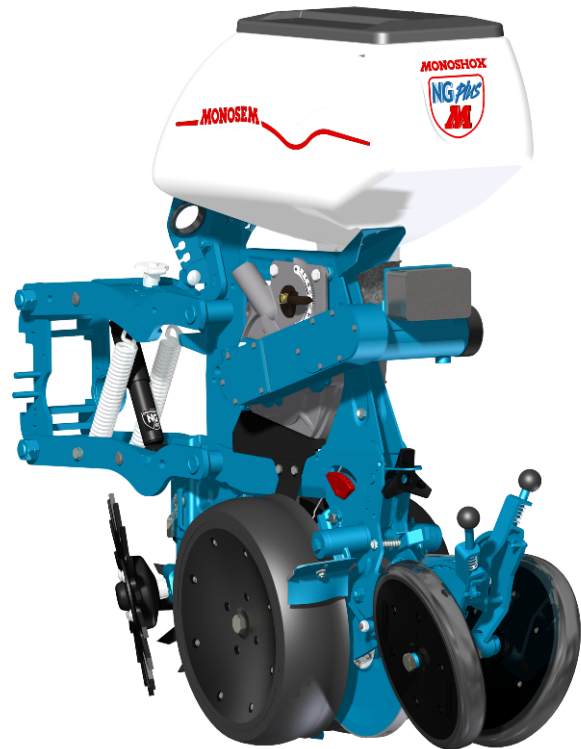
#### **An independent electric supply**

The electric supply is provided by a **generator driven by the PTO shaft of the planter turbofan**. The system is thus self-sufficient in electricity. A battery ensures a constant supply to the electric motors independently from the PTO shaft rotation speed. The **photoelectric sensors** control the seed drop and the distance between the seeds. The speed data, given via a **radar**, ensures efficient and precise monitoring of the seed population.

#### **Compatible with row cut-off management by GPS**

The seed population management and the distance and seed drop monitoring are ensured by the **CS 8000 monitor**. The advantage of this system is to be able to also manage the row cut-offs whether manually or automatically activated, by GPS, if the monitor is connected to a GPS aerial.

**This electric drive concept on planting unit will be presented exclusively at Agritechnica 2013. A limited quantity will be available for Spring 2014.**



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