



Pneumatic sowing machine



FW280H mounted on FW12000

By extending the CMN flex-weeder with a pneumatic sowing machine it is now possible to establish an undersown crop in grain fields during the final harrowing for weeds, or to sow small seed crops as the only crop.

The sowing machines are available in working widths from four to twelve metres, and they are all constructed with a central hopper.

The seeds are distributed by cam rollers.

The sowing machines are available with mechanical gearbox or GPS control unit.



FW 280E monteret på FW6000



FV280 EE og 280 HE

The seeds are transported to the individual sowing drills by air pressure. Sowing machines from four to six metres are equipped with a 12 V DC centrifugal blower. Sowing machines from seven to twelve metres are equipped with a hydraulic centrifugal blower with continually adjustable air volume.

Sowing machines which are mounted with GPS steering have two advantages:

1. You avoid the sowing wheel which pulls the gearbox.
2. You get a number of extra features which make the job easier, such as

1. Turning on and off from the tractor
2. Adjust sowing amount while driving
3. Reading of seed consumption
4. Turning speed guard
5. Hectare and area measurement
6. Tank indicator
7. Speed km/h



Sowing tubes:

The individual sowing tubes are formed as baffle plates and mounted in front of the tines of the harrow. That means, as soon as the seeds hit the ground, they are covered with soil by the harrow tines, during processing.

The harrow tines apply a little pressure on the soil and thereby helping to ensure a good germination.



The CMN pneumatic sowing machine is equipped with a powerful pipe roller, which makes sure that the seeds are kept alive in the sowing container, thus ensuring equal dosage. The outlet spigot is divided with a partition for each outlet in order to ensure an equal amount of seeds in each tube.



Mounting and removing in approx. 10 min.

The sowing machine is mounted as a central unit onto the center section of the harrow and fixed with 4 bolts. Each sowing tube is fastened with finger screws.

Technical data (same for both models):

Gearbox: stepless oil bath gearbox model H and E

GPS model HE and EE

Sowing rollers: Ø60 mm plastic rollers, respectively 5 and 12 mm track

FW280EP sowing unit for mounting onto other sowing machines, cultivators, rollers, harrows, a.s.o.
Various transmissions are available on request, depending on what is available on the machine it has to be combined with.

Type	Mounting onto harrow	Vent	Effect	Capacity	Weight
FW280E	4 - 5 - 6 m	EI 600 m ³ /h	12 V/190 W	280 l	125 kg
FW280EE	4 - 5 - 6 m	EI 600 m ³ /h	12 V/190 W	280 l	100 kg
FW280H	7 - 8 - 9 - 10 - 12 m	H. 400-1200 m ³ /h	10 - 30 l/min	280 l	155 kg
FW280HE	7 - 8 - 9 - 10 - 12 m	H. 400-1200 m ³ /h	10 - 30 l/min	280 l	125 kg
FW280EP	Various machines 2 - 6 m	EI 600 m ³ /h	12 V/190 W	280 l	120 kg