

FAST, EFFICIENT, GENTLE NOT ONLY TO THE SOIL



Type
mounted/semi-mounted



Control
hydraulic



Working width
from 2,5 to 4 m



Working speed
up to 10 km/h



Application
universal machine
for establishing and
overseeding meadows
+ sowing field crops



EU homologation

APPLICATION



- In a single pass, the seed is sown and rolled, accelerating vegetation growth and ensuring uniform emergence
- Levels small surface irregularities and compacts the soil with a roller
- Ideal for establishing and overseeding permanent grasslands
- Does not damage the turf or pull unwanted stones to the surface
- Suitable also for sowing most common field crops
- An alternative to full grassland renovation with lower energy requirements
- Restores soil capillarity, ensuring even germination even in drier periods
- Suitable also for erosion-prone areas
- Removes old grass and moss

ACCESSORIES

SEEDING UNITS



- Electric or hydraulic fan
- Various types of control boxes
- Available hopper capacities: 300–800 l



Electric fan



Hydraulic fan

ROLLERS



Ring Z

- Ø 500/550 mm
- GGG 50 ductile iron
- for meadow application



Ring D

- Ø 540 mm
- GGG 50 ductile iron
- for field application

SEEDING UNITS

SMART seed drills are equipped with attachments from the renowned Austrian manufacturer APV, ensuring precise dosing and even seed distribution, even under demanding conditions.

Electric fan – ideal for grass seeds and smaller seeding rates.

Electric fan PLUS – a more powerful electric version suitable for combined sowing of grassland and field crops.

Hydraulic fan – recommended for sowing common crops with larger seed volumes.

This system can be easily adapted to suit the specific needs of your farm.

The SMART seeding units can be conveniently controlled directly from the tractor cab.

You can choose from several types of control boxes that can be easily adjusted to fit your working style.

CONTROL BOXES



Control box 5.2

It is the most popular variant, offering a wide range of options. Functions such as adjusting the applied amount according to the forward speed will make work easier.



Control box 6.2

It offers even more functions for professional farmers. The large touchscreen clearly displays all machine processes.



ISOBUS

The seed drill can now be controlled via the ISOBUS bus from the tractor terminal. Additional functions enable even more efficient use of the seed drill.

SPEED SENSORS AND ACCESSORIES



7-pin signal cable

It connects the control box with a tractor transmitting information about speed and position of a 3-point linkage.



Top linkage sensor

located at the upper point of 3-point linkage automatically switches the sowing shaft according to its position.



Radar sensor

provides information about the driving speed, which automatically regulates the sowing rate.

GPS sensor

Instantaneous ground speed is measured using GPS and 3D acceleration sensor.

Thanks to these features and precise engineering design, **the seed is metered accurately, evenly distributed, and placed exactly where it belongs** – into the soil. The result is perfect crop establishment with maximum yield.



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SEED DRILL **SMART**

A universal tool
for meadows and fields



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UNIVERSAL SEED DRILL FOR EVERY FIELD AND MEADOW

The SMART pneumatic seed drill is the ideal choice for establishing and overseeding grasslands, and thanks to its versatile equipment, it can also handle the sowing of common crops. Its robust construction ensures reliable performance even in heavy and stony soils. The slot seeding technology guarantees high germination rates without disturbing the turf or pulling up stones, which helps minimize soil erosion. In short, SMART is a universal helper for small and medium-sized farmers.



← Grassland application



↑ Field application

TECHNICAL DATA

SMART	250	300	400 N	400
Frame type	mounted, rigid	mounted, rigid	mounted, rigid	trailed, hydr. foldable
Working width [cm]	250	300	400	400
Transport width [cm]	250	300	400	263
Weight [kg]	1 900 - 2 500	2 100 - 2 700	3 150 *	4 400 *
Working speed [km/h]	6 - 12	6 - 12	6 - 12	6 - 12
Min. tractor power [kW/HP]	60/80	80/110	110/150	90/120
Hopper capacity [l]	300 - 800	300 - 800	300 - 800	300 - 1600
Hitch type	cat. II	cat. III/II	cat. III/II	hitch cat. III
Number of seeding units	16	24	32	32
Row spacing [mm]	125	125	125	125

*Depending on model and equipment.



For fields and meadows

The slot seeding system, robust construction, and a wide range of seeding units — from electric to hydraulic — make the SMART a universal machine suitable for both establishing and overseeding meadows and pastures, as well as sowing field crops.



Robust and durable machine construction made of high-strength steel

Allows the seed drills to be used even in tough terrain and demanding conditions



Two design versions

Machines with a working width of up to 3 meters are mounted models, while the 4-meter version is a trailed, hydraulically folding model.



Slot seeding for increased germination and reduced costs

Seeds are safely placed into a groove to ensure proper soil contact and prevent sprouted seeds from drying out on the surface. Overseeding into 12.5 cm spaced slots minimizes seed loss and increases germination rates compared to broadcast seeding, thus reducing costs.



A row of tines for removing moss and old grass

A row of 12 mm tines removes moss and old vegetation, preparing and clearing the path for the cutting disc to reliably open the groove for subsequent seeding.



SMART 300

The seeding coulters perform the primary function of placing the seeds into the groove while also cleaning the discs

Twenty-four narrow disc coulters place the seed at 12.5 cm spacing. The coulters are equipped with carbide tips, serving also as scrapers for the discs. This ensures flawless operation of the seeding units even in wet conditions.



Disc section for groove cutting

Two rows of discs, 410 mm in diameter and 5 mm thick, are used to cut the top layer of soil and create a groove for safe seed placement. The discs are mounted to the machine frame using silent blocks, which increase rigidity and resistance when hitting solid obstacles or when operating in stony soils.



The support roller ensures safe closing and firm pressing of the seed after sowing

By using hydraulic adjustment of the support roller and clips, the overall working depth of the machine can be easily controlled — up to 10 cm. When fully extended, the machine can operate using only the roller itself. The customer can choose from several roller types according to individual preferences.



The machine is equipped with steps and a platform for easy and safe access to the seed hopper

The platform can also be used as a convenient storage area for seed supplies, tools, and other equipment.



Wide range of seed hoppers and seeding units

Hopper capacities from 300 to 800 liters give customers the flexibility to adapt the machine to their needs. The seed drills can also be equipped with speed and headland sensors, as well as rate control operated conveniently from the tractor cab.



SMART 400



New for 2025

Hydraulically folding model with a 4 m working width



Excellent ground contouring

Thanks to the free suspension of both wings on the machine frame, the SMART 400 perfectly adapts to terrain variations and uneven surfaces.



Rear axle

The machine is equipped with a hydraulically controlled rear axle — in the working position, the wheels lift above the frame, effectively adding weight to the rear section of the machine.



Modular design

The SMART 400 can be equipped with a wide range of accessories — from a single row of tines for removing moss and old grass to various types of rollers. In addition, there is a wide selection of seeding units available, including different fan types, hopper sizes, and control and management systems.

