

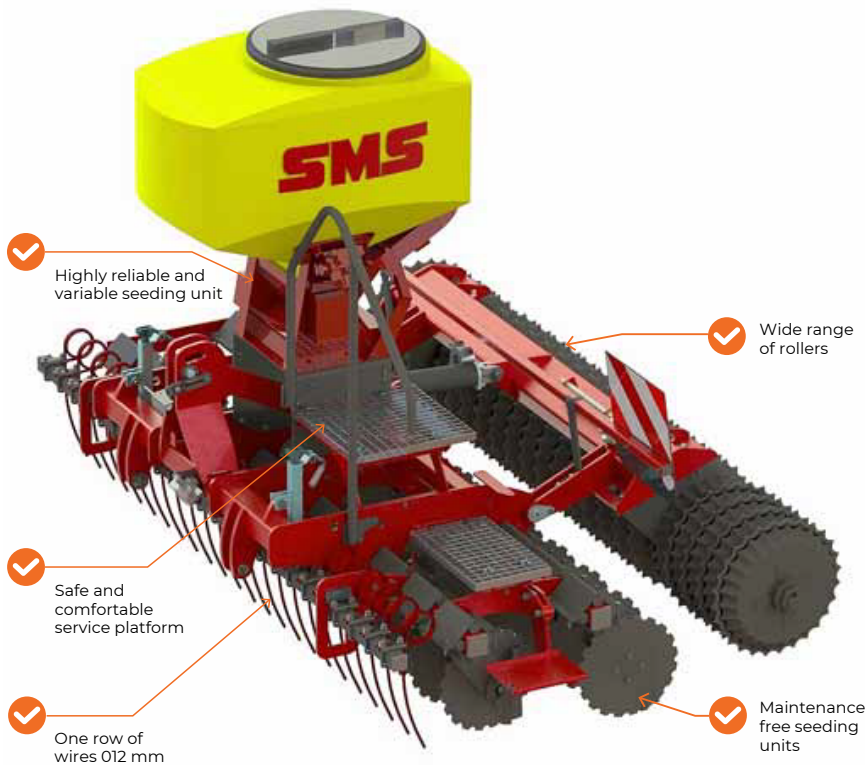


## The Smart Drill is universal seeding machine with a three metre working width.

The machine is primarily designated for permanent grassland foundation or recultivation, but it can be fully used in field conditions for seeding grain and majority of common crops. A seed is delivered directly into the ground by disc seeding unit and stabilized by roller afterwards.

### Standard machine version includes:

- ▶ 500 ltr seeding unit with hydraulically driven fan
- ▶ Control box 1.2
- ▶ Guttler self cleaning packer roller Hinge cat. III/2
- ▶ Two rows of seeding units with distance 125 mm between each unit
- ▶ Inter-row distance 125mm





The Teran Roller has sophisticated design that excels in simplicity, working performance and undemanding maintenance.

**Features:**

- ▶ Simple and reliable design of the machine frame
- ▶ Original system TitanLoc for excellent axial tightening of cast rings on the shaft
- ▶ Wide offer of rollers – Cambridge, Z roller, Smooth roller with possibility to fill with a water up to 600 mm diameter
- ▶ Top quality cast rings and housings made of ductile iron
- ▶ Possibility to install additional sowing equipment with variable performance
- ▶ Easy manipulation with the machine during transformation to working or transporting position



Reliable terrain copying



Balanced force transfer to the end section for even soil compaction

**Construction:**

**Teran 260 - 300**

- ▶ Carried, one-part frame

**Teran 450 P - 700 P**

- ▶ Semi-carried, three-part frame

**Teran 920 P - 1020 P**

- ▶ Semi-carried, five-part frame

**Teran 1220 P - 1620 P**

- ▶ Semi-carried, seven-part frame



TERAN Roller		260	300	450 P	600 P	630 P	700 P	920 P	1020 P	1220 P	1520 P	1620 P
Working width	cm	260	300	450	600	630	700	920	1020	1220	1520	1620
Transport width	mm	260	3000	2235	2235	2235	2235	2360	2360	2990	2990	2990
Weight	kg	1050	1230	2360	2920	3070	3350	4950	5360	10600	11900	12300
Working speed	km/h	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10	5-10
Min. power output	kw	30	30	50	60	60	70	90	100	130	150	160
Linkage type	mm	TBZ III/2	TBZ III/2	eye ø40	eye ø40	eye ø40	eye ø40	eye ø40	eye ø40	eye ø50	eye ø50	eye ø50
Tire size		-	-	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	10,0/75-15,3	11,5/80-15,3	11,5/80-15,3	700/40-22,5	700/40-22,5	700/40-22,5





The Titan roller is a universal machine suitable for meadow and soil cultivation with the widest working width.



Thanks to broad variety of additional accessories TITAN can execute variety of operations.

With superb engineering the TITAN impresses with effortless working performance and undemanding maintenance.

The roller is made from high strength materials and is precisely manufactured which ensures a long service life even in the hardest conditions.

**Features:**

- ▶ Lighting required for road traffic
- ▶ The unfolding of the machine into working position, using a system with hydraulic cylinder and hydraulic accumulator as a flexible unit with adjustable pressure, which allows to distribute the machine weight completely and evenly over the whole working width. At the same time, it allows articulation of the frame wings in their ends by up to + - 30 cm.
- ▶ Hydraulically foldable supporting leg. The rings in the sections are axially tightened by a genuine and reliable system to avoid slippage on the shaft. The hydraulic switch automatically controls proper location of each section during the folding into transport position.

You can choose the following basic working sets:



1. Basic frame fitted with the Cambridge roller or smooth roller to suit arable land.



2. The Cambridge roller and crossboard as a very effective means for the work on raw furrow.



3. Optional Z-roller and 2-rows weeder, or crossboard for cultivation on grasslands.



4. Additional seeding equipment for grass sowing or for new grassland.

TITAN Roller		630	830
Working width	mm	6 300	8 300
Transport width	mm	2 340	2 320
Weight with crossboard	kg	4 700	5 950
Weight without crossboard	kg	4 300	5 450
The working speed	km/h	10-13	10-13
The energy source	kW	70/130	100/160