Line: GRASS TERRA

MACHINE ADVANTAGES:

- A robust roller designed for modern pasture and meadow management. Thanks to its high weight and working speed, it creates sufficient kinetic energy for effective soil aeration without disturbing the grass sward.
- The machine is designed for:
  - Land leveling and stone pushing
  - Aeration of grasslands, combing out old vegetation
  - Improving the infiltration of digestate and slurry into the soil
- The aerator creates crevices and air pockets in the soil that improve water infiltration, support soil life, and allow deeper root growth, resulting in healthier, denser, and more productive turf.

STANDARD EQUIPMENT:

- Maintenance-free bearings
- Option to choose the direction of spikes
- Amount of spikes 84pcs

OPTIONAL EQUIPMENT:

- Lightning **(380,-)**
- Additional weight for semi-mounted version 500kg
- Additional weight for semi-mounted version 1000kg
- Ø of TUBE 1 016 x 20mm

TECHNICAL SPECIFICATIONS:

(m)		**3m**	**3m**
KG	**kg**	2 400 kg / 4 400 kg with water filling	3 700 kg / 5 000 kg with water filling
	Hp	**MOUNTED VERSION**	**SEMI-MOUNTED**
FORK HINGE		Universal for cat. II./ III./ IV. with link balls	- Universal drawbar for 3-point linkage (cat. II./ III./ IV. with link balls) - Trolley (2 wheels 400/60-12,5)
	Ø mm	without spikes 1 016 x 16	
	[EUR]	**9 990,-**	**12 800,-**

Weights of machines are without accessories. Photos have only illustrative character.

GRASS TERRA – professional roller for maintenance of not only grasslands

Why machines of low weight are not enough

Light machines cannot penetrate compacted soil and do not have enough weight to generate the necessary working energy. Only a **combination of high weight and working speed** can effectively break up soil compaction and create aeration gaps.

How the GRASS TERRA aerator works

The aerator creates grooves on the soil surface while disrupting compacted subsoil. Thanks to the kinetic energy generated by the **combination of the machine's weight and working speed**, in one pass the compacted layer is disrupted and cracks are created that allow water and nutrients to penetrate the soil - without damaging the turf.

Weight + speed = kinetic energy = effective disruption of compacted soil without ploughing

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Benefits for soil and vegetation

Aeration during the summer and fall months, when the soil is drier, breaks up compaction and creates air pockets in the soil.

These air pockets:

- retain oxygen for microorganisms and soil life
- support earthworm activity and natural soil structure
- improve water absorption and retention
- promote deeper and stronger root growth

In winter, they allow frost to penetrate deeper layers, which leads to natural movement and regeneration of the soil. In spring, aerated soil warms up faster and supports a faster start of vegetation.

Advantages of technology

- no-till grassland management
- maintaining a smooth surface for mowing
- grazing possible even after treatment
- root system remains protected in the soil
- improved vitality and growth production