

**SMS**  
AGRO

*ROLLERS*

# **GOLEM**

Protects meadow and machinery



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# THE LARGEST AND HEAVIEST ROLLER ON THE MARKET

- Type** semi-carried
- Working width** 3 and 5.4 m
- Weight** 1,9 t – 11,3 t
- Working speed** 6 – 10 km/h
- Application** Meadow and pasture care
- EU homologation**

## USAGE

- levelling and consolidating uneven ground after game or by moving machinery
- pushing stones and thus reducing the risk of damage to other agricultural equipment
- brushing out moss and stubble
- seeding or sowing grass mixtures and applying fertilisers and granules
- uniform rolling of seed
- aeration of the crop
- improving the water regime

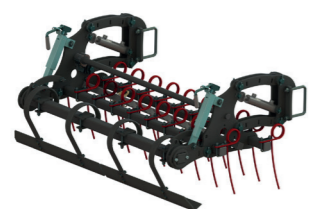


# PROTECTS MEADOWS AND MACHINERY

The roller is used to flatten the terrain and consolidate the surface, comb out moss and aerate the vegetation, at the same time clogging unevenness (e.g. stones) and thus protecting not only the meadow, but especially your equipment moving on the surface during the year (mowers, rakes, cutters, etc.)



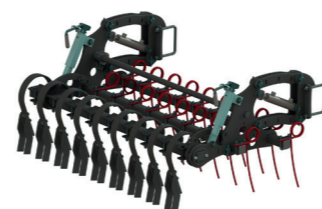
## ACCESSORIES



**LEVELLING BAR (L-PROFILE)**  
Two lines of wire harrows



**FLAT SHARES CROSSBOARD**  
Two lines of wire harrows



**AGGRESSIVE CROSSBOARD**  
Two lines of wire harrows

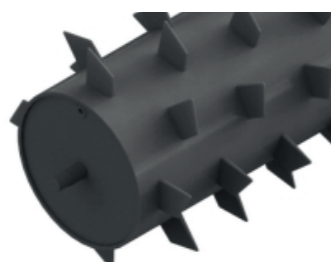
## LEVELING SECTION



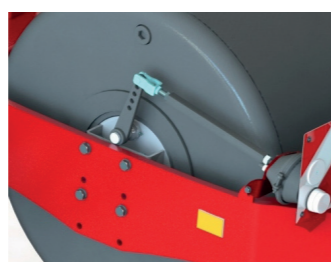
## ROLLERS



**SMOOTH ROLLER**  
ø of roller 1020 mm  
wall thickness 10, 14, 20 mm



**AERATOR ROLLER**  
GOLEM 540: ø of roller 720 mm  
GOLEM 300: ø of roller 1020 mm  
wall thickness 20 mm



**SLOPE BRAKE**  
drum brake of the middle roller



**SEEDING ATTACHEMENT**  
hopper capacity 200-500 l

## OTHER ACCESSORIES

## TECHNICAL DATA

GRASSLAND ROLLER		GOLEM 300	GOLEM 540
Working width   Transport width	[m]	3   3	5,4   2,56
Weight without water fill*	[kg]	1 900 – 4 040	5 000 – 6 320
Maximum weight*	[kg]	4 000 - 6 020	10 050 - 11 300
Working speed	[km/h]	6-10	6-10
Min. tractor power	[kw/hp]	50/70	90/120
Hitch (standard)		Loop Ø 40 mm	Spacer Cat. III
Tyres (standard)		400/60-15,5	19/45-17
Flotation wheels (optional)		550/45-22,5	550/45-22,5

\*Depending on model and equipment.

# GOLEM 540



## Roller pressure up to 2 t per 1 m of swept area thanks to water-fillable rollers

The water-fillable smooth rollers with a wall thickness of 10 mm can alternatively be replaced by reinforced rollers with a wall thickness of 14 or 20 mm for heavily stoned land.



## Robust machine construction

It is oversized to allow the machine to travel on public roads even with water-filled rollers and full attachments. The robust roller placement allows a large turning radius with the machine in the working position (not applicable to the Aerator type).



## Perfect terrain copying

Diagonal and transverse copying to negative angles.



## Wide selection of levelling sections



## Automatic locking of the machine wings in transport position

Automatic locking of raised wings during transport without the operator having to leave the tractor cab.



## High safety thanks to slope brake on the middle roller (optional)

The brake helps the tractor in its braking effect when working with the machine in hilly terrain.



## Seeding platform with easy access

The handling platform provides safe access to the seed drill and seed filling, and is also used to store seed bags.



## Automatic lifting of the transport wheels in the working position



## Flotation wheels

Wide flotation wheels prevent negative soil compaction.



## Smooth roller cleaner blade

Wipes dirt from the surface of the smooth roller and prevents it from becoming clogged with plant residues.



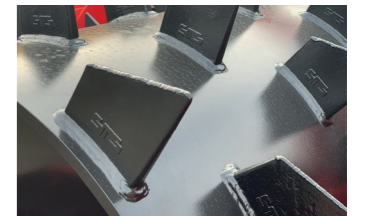
## Additional weights (optional)

The weight of the attachment is 230 kg for GOLEM 300 and 480 kg for GOLEM 540.



## Aerator

The so-called roller aerator is equipped with 170 mm high tines made of abrasion-resistant material with a design geometry that prevents the crop from being pulled out during work. The diameter of the roller is 1020 mm for the GOLEM 300 and 720 mm for the GOLEM 540. It is used to aerate and improve the water regime of permanent lawns.



# GOLEM 300



The three-metre version of the machine is equipped with a single roller set in a robust construction.



The overall width of the machine (3 m) allows transport on public roads.



The weight of the roller ranges from 2.5 t to 4.5 t.



GOLEM 300 can be equipped with smooth rollers or with an aerator. A roller that serves to aerate and improve the water regime of permanent grass areas thanks to 170 mm high tines.



## “ GOLEM GRASSLAND ROLLER IS NOT TO BE MISSED IN HORNÍ PLANÁ ”

„We have been using the grassland roller on the farm for more than four years and in that time we have not had to deal with any problems with it, it is a robust machine, simple to operate, which helps us to cultivate the pastures and improve the growth and condition of our forage crops.”

„With a working width of 5.4m, we have a machine that will take care of our acres quickly. I also like the fact that we can use the machine not only for rolling, but with the mower we can also reseed and renovate pastures and also brush out moss without disturbing the surface.”



**František Jungwirt**

farming since 1992

**area:** Horní Planá, water reservoir Lipno

**farm focus:** organic farm, cattle breeding

**area:** 570 ha of meadows and pastures

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