

TERRA.ROLLER expert



ONE ROLLER. MANY POSSIBILITIES.

The **TERRA.ROLLER expert** professional roller impresses on arable and grassland with uniform ground pressure and optimum adjustment to the terrain. The three-part earth roller scores points from the first glance with its particularly robust frame. Even more strengths are revealed out on the fields. On the one hand, the individually suspended roller elements ensure optimum adjustment to the ground. On the other hand, the roller delivers even ground pressure over its entire working width. The pressure is adjusted mechanically or hydraulically, depending on how the version is equipped. On request, the **TERRA.ROLLER expert** can be supplied with both a seeder and seedbed prepara-

tion tools. The compressed air brake system, also available as an option, ensures safe road travel.

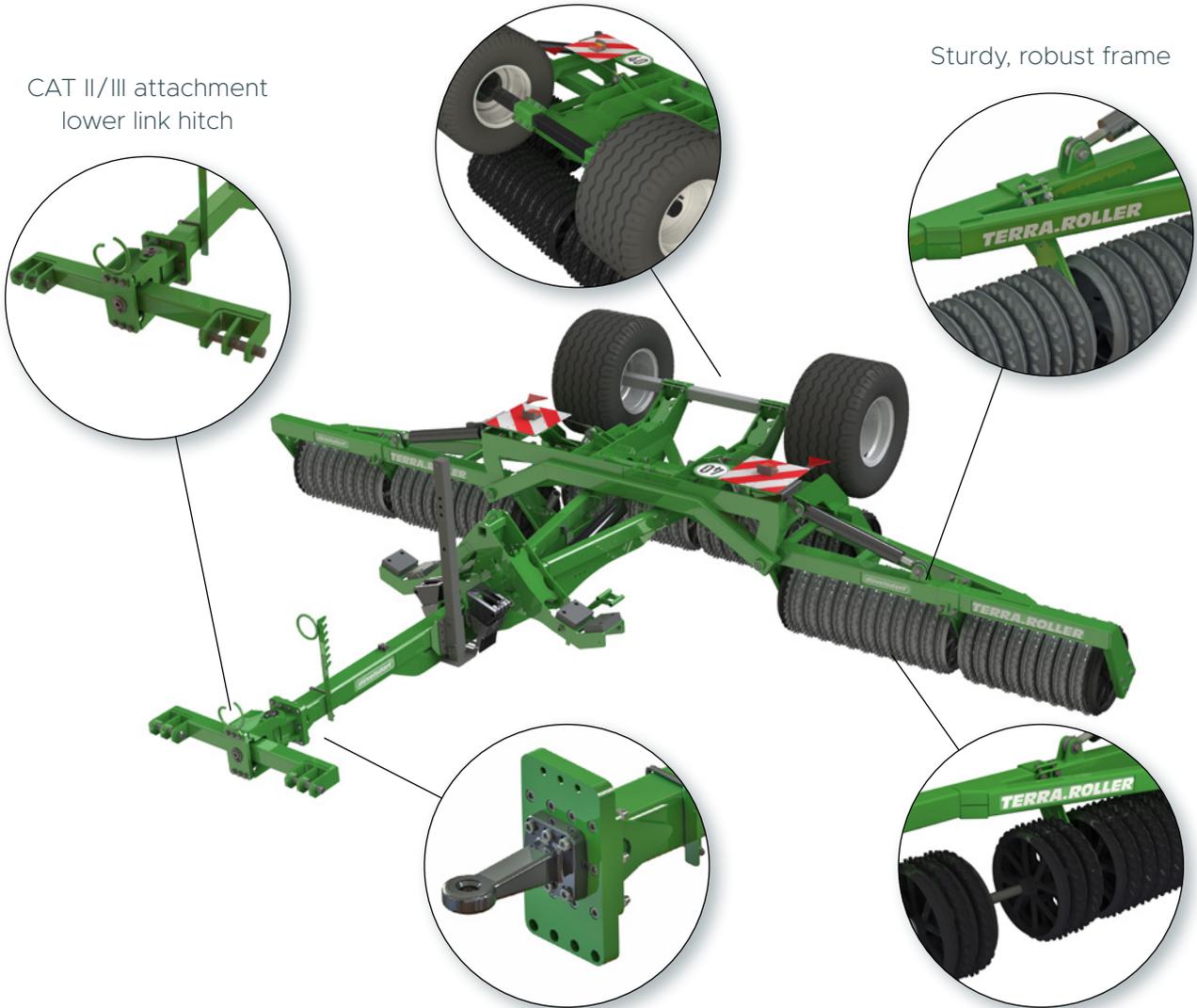
ADVANTAGES:

- + Perfect adjustment to the ground
- + Uniform ground pressure
- + Robust frame
- + Low support load
- + Optionally available with seeder
- + Optionally available with seedbed preparation tools

Stable axle suspension with continuous 80 × 80 mm axle

Sturdy, robust frame

CAT II/III attachment lower link hitch



Conversion to towing eye or K80 possible

Triple bearing 50 mm shaft

TECHNICAL DATA

		Cambridge elements		Toothed ring elements ²
Roller diameter in mm		460	550	450/500
Weight per element pair in kg		22	35	32
Number of element pairs		Ten pairs per meter working width		
Transport width in m		2.5		
Total weight in kg	6.3 m	3,140	4,020	3,680
	7.7 m	3,500	4,700	4,460
	8.3 m	3,740	4,920	4,860
	9.3 m	4,080	5,220	5,040
Axle load ¹ in kg	6.3 m	2,240	2,980	2,660
	7.7 m	2,520	3,420	3,180
	8.3 m	2,720	3,520	3,460
	9.3 m	2,900	3,680	3,560

¹ All **TERRA.ROLLERS** are supplied with a TÜV certificate for obtaining an ABE for approval to 40 km/h. With an axle load of more than 3,500 kg an air brake system must be installed.

² The toothed rings are made of SG iron.

WELL DESIGNED DOWN TO THE LAST DETAIL:



Seeder

For spreading catch crops, for example, the **TERRA.ROLLER expert** can be supplied with an optional seeder. Retrofitting the sowing unit with a step is also possible at any time.

Weight distribution

The pre-tensioned springs transfer the weight of the centre roller element to the two outer elements and thus ensure even distribution of the ground pressure. In turn, this means uniform operation across the entire width. Hydraulic weight distribution is offered as an option.



Transporting

With a width of just 2.5 m, the **TERRA.ROLLER expert** comfortably move safely on the road at 40 km/h. From an axle load of 3.5 t, the **düvelsdorf** professional roller must be equipped with an air brake system in order to meet the 40 km/h approval for public road traffic.

THE RIGHT RING FOR EVERY APPLICATION.

The **TERRA.ROLLER** offers a number of options for customisation. That's why there are also different types of rings to choose from. To obtain the optimum solution for your soil conditions, you can choose between Cambridge and toothed ring elements in different sizes.



Cambridge elements

Cambridge rings achieve both fine crumbling and good surface compaction. The large bearing clearance in the serrated ring, which moves irregularly in working mode, produces a self-cleaning effect and thus prevents the roller from sticking when used on heavy soils.

ADVANTAGES:

- + Favours early and uniform seed emergence
- + Prevents slug and snail infestations
- + Protects young plants from blowing away in windy areas

POTENTIAL USES:

- > On arable land and grassland
- > Grassland reseeding and new planting
- > Intercrop sowing
- > Stimulation of tilling



Toothed ring elements

The toothed ring elements break up heavy clods of earth due to their greater weight and aggressive structure. This makes the sowing layer quite fine for a depth of 2 to 3 cm and gives the seeds good soil contact. The coarse particles remaining on the surface prevent silting up, evaporation and drifting.

ADVANTAGES:

- + Supports control of pyralid moths by breaking up the maize stubble
- + Aggressive breaking up of clods of earth
- + Narrow structure and large number of tooth tips lead to intensive crumbling

POTENTIAL USES:

- > On arable land and grassland
- > Grassland reseeding and new planting
- > Intercrop sowing
- > Stubble cultivation

