

The VOLMER Engineering machine range



Slurry short disc harrow
T-RUBBER
Series 101

TRG Series 1000 	TR Series 1000 	Strip-Till CULEX
TRG Series 101 	TR Series 101 	Slurry cultivator FZG
Slurry mulch cultivator APER 	Telescopic plate VTS 	Subsoiler TL
Hose reel VSH 	Power-Lift-Axle PLA 	T-RUBBER Accessories



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8. Absorber

- High-quality rubber buffers (75° Shore) ensure that vibrations and impact (e. g. stones) are reduced.



7. Bearings

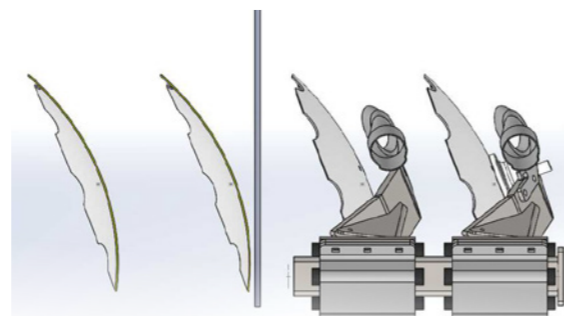
- Absolutely maintenance-free bearing units.
- Quality resistant cassette seals with eight sealing lips.
- Seals filled with lubricating grease as well as grease between the sealing elements .
- Optimised, thick-walled housing construction with very high mechanical strength and stability in the area of the seals.



6. Discs

- The serrated discs (510 mm diameter and 4 mm thick) optimally penetrate the ground and cut up plant parts.

5. Disc arrangement



Plan view

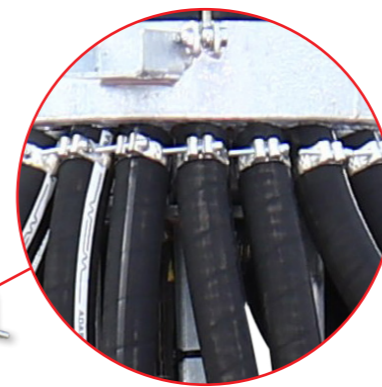
The special combination of disc curvature, inclination and angle of attack results in the following advantages:

- Good penetration of the soil.
- Good turning of the soil even when driving slowly and/or shallow working depth.
- Rapid turning of the soil enables a short design of the short disc harrow.
- Easy to pull with low wear on the disc



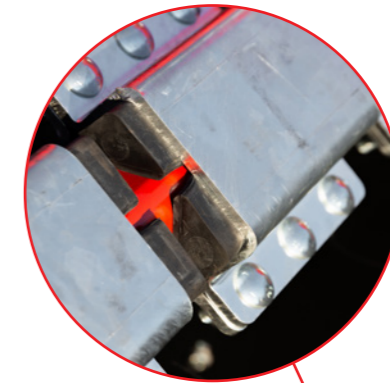
4. Slurry pipes

- The slurry pipe is attached to the disc arm.
- The discs of the first row draw soil grooves in which the slurry is deposited; the neighbouring disc covers this groove directly with soil.
- The discs in the second row work the the remaining intermediate furrows.
- The hoses are attached to the disc arms and follow the lateral movements.



1. Hosing

- Hosing with robust spiral suction and delivery hose made of rubber with an inside diameter of 50 mm and a maximum pressure of 10 bar.
- The hoses are held in the filling pipe, this means that there is no inner edge.



2. Spring elements

- Torsion spring elements made of a special, durable rubber compound.
- Rubber mounts are embedded in the edges.
- High-quality 10.9 bolts.
- Very high lateral stiffness of the disc arms.

Fig.: TRG-W 601



Fig.: TRG-W 601 folded with tube bar roller

3. Data

Unit of measurement	TRG-W 401	TRG-W 501	TRG-W 601	
Working width	m	4.00	5.00	6.00
Number of discs	piece	32	40	48
Number of outlets	piece	16	20	24
Transport width	m	3.00	3.00	3.00
Approx. weight incl. tube bar roller	kg	2,700	3,200	3,600
Max. working depth	mm	120	120	120
Distribution heads	piece	1	1	1
Number of rollers	piece	2	2	2
Unit height	m	2.25	2.75	3.20
Beam spacing	mm	765	765	765

Weights and measures are approximate and non-binding. We reserve the right to make changes.