

TECHNICAL DATA | TUGGER 1000 KG SAFE



Tugger

T1000S

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Ideal for simple tasks, this robust and reliable Automatic Guided Vehicle can be used as a towing vehicle. Different trailer couplings allow a flexible, repetitive automatic transport of goods on indoor or outdoor routes.

The weight classes of our standard tractors range from 200 kg to 4 tonnes at speeds of 1.2 meters per second. Grenzebach can also provide a custom solution for up to 10 tonnes.

- ▶ Compact frame
- ▶ Standard vertical drive / steering unit
- ▶ Easy maintenance access



AGV dimensions (approx.)	1,200 mm (L) x 710 mm (W) x 925 mm (H)
Tow Capacity	Up to 1,000 kg
Speed (empty)	0.02 – 1.2 m/sec
Speed (loaded)	Up to 1.0 m/sec
Turning radius	Down to R = 970 mm
Navigation	Optical, Induction, Laser
Travel	Forward
Stopping accuracy	±13 mm
Brake	Electromagnetic – Spring Applied/Electric Release
Operating voltage	24 VDC
Battery type	2 x 12 V – 140 Ah
Battery charging	Battery Swap, Opportunity Charging
Coupling	Automatic Unhook
Safety	Programmable Laser Scanner – Front
Safety option	Side Bumper
Operating time	24 hours, 7 days
Overall weight	300 kg

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