

TORsten



IFOY AWARD

Automated Guided
Vehicle of the year 2017



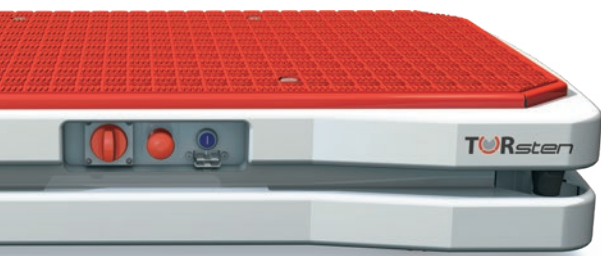
strong
flexible
reliable
powerful
helpful



**Your step in
the factory 4.0**

FACTS AND FIGURES

- TORsten is an autonomous guided vehicle, but is also available as remote navigating version without laser-scanners.
- A bigger variant for higher loads (>2,000 kg) is currently under development.
- TORsten has won multiple industry awards including the Industriepreis, the IFOY Award, the German Design Award and the Best of Industry Award.



Length	1,285 mm
Width	835 mm
Height	235 mm
Speed	0.6 m/s
Own weight	approx. 210 kg
Maximum load	1,200 kg
Maximum sliding load	3,000 kg
Batteries	Lead crystal
Charging concept I	Connector / Cabel
Charging concept II	Contact
Drive	SEW 350 W Engines
Wheel	190 mm Mecanum
Lifting height	60 mm

YOUR ADVANTAGES

- Variable platforms (customer specific)
- Autonom navigation for the reliable material flow of tomorrow
- Navigation via 2D Layout, therefore no concret work on the floor in case of changes in production or removing of machines.
- TORsten moves loads up to 3 tonnes and lifts loads up to 1.2 tonnes
- Omnidirectional drive concept for movement in the smallest space and 360 ° mounting on the spot
- Routes can be used simultaneously by Employees, Forklifts and TORsten
- Automatic reduction of speed in narrow pathes or obstacles come closer
- Robust construction
- Battery: Low self-discharging, high current, non-toxic, non-detectable, cycle-proofed



TORsten Microsite
torsten.torwegge.de/en



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