

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



	autonomous		remote	
	190er	300er*	190er	300er*
Length	1,285 mm	approx. 2,500 mm	1,285 mm	approx. 2,500 mm
Width	835 mm	approx. 1,530 mm	835 mm	approx. 1,530 mm
Height	235 mm	approx.. 415 mm	235 mm	approx. 415 mm
Speed	0.6 m/s			
Own weight	approx. 210 kg	approx. 350 kg	approx. 180 kg	approx. 320 kg
Maximum load	1,200 kg	7,000 kg	1,200 kg	7,000 kg
Maximum sliding load	3,000 kg	9,000 kg	3,000 kg	9,000 kg
Batteries	Lead crystal			
Charging concept I	Connector / Cabel			
Charging concept II	Contact			
Charging concept III		inductive		inductive
Drive	SEW 350 W Engines	SEW 3000 W Engines	SEW 350 W Engines	SEW 3000 W Engines
Wheel	190 mm Mecanum	300 mm Mecanum	190 mm Mecanum	300 mm Mecanum
Lifting height	60 mm	80 mm	60 mm	80 mm

* expected to be available from mid-2018

YOUR ADVANTAGES

- Variable platforms (customer individuell)
- 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.
- Depending on the design, TORsten moves loads up to 9 tonnes and lifts loads up to 3 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-proof



TORsten Microsite
torsten.torwegge.de/en



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