

**TORsten**



**IFOY AWARD**  
Automated Guided  
Vehicle of the year 2017



strong  
**flexible**  
reliable  
**powerful**  
helpful



**Your step in  
factory 4.0**

# FACTS AND FIGURES



	autonomous		remote	
	190er	300er*	190er	300er*
<b>Length</b>	1285	ca. 1850	1285	ca. 1850
<b>Width</b>	835	ca. 1300	835	ca. 1300
<b>Height</b>	235	ca. 350	235	ca. 350
<b>Speed</b>	bis zu 1,5 m/s			
<b>Own weight</b>	250 kg	630 kg	220 kg	600 kg
<b>Direct Load capacity</b>	1200 kg	3000 kg	1200 kg	3000 kg
<b>Sliding load</b>	2200 kg	7500 kg	2200 kg	7500 kg
<b>Batteries</b>	Lead crystal			
<b>Charging concept I</b>	Connector / Cabel			
<b>Charging concept II</b>	Contact			
<b>Charging concept III</b>		induktive		induktive
<b>Drive</b>	SEW 350 W Engines	SEW 3000 W Engines	SEW 350 W Engines	SEW 3000 W Engines
<b>Wheel</b>	190 mm Mecanum	300 mm Mecanum	190 mm Mecanum	300 mm Mecanum
<b>Lifting height</b>	60 mm	60 mm	60 mm	60 mm

\* in construction

## 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 7.5 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  
Micropage**



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