

# FFT *igv* ONE S

## Highlights:

- Flexible Navigation
- Bidirectional movement
- PLC Master Control
- 6-axis robot, lifting, roller conveyor combinations possible
- Industry 4.0 ready
- Up to +/- 5 mm positioning



Basic Data	
Length	1800 mm
Width	1200 mm
Height	450 mm
Wheel diameter	300 mm
Weight	1500 kg
Nominal working load	1500 kg
Permitted total weight	3000 kg
Sound level	< 75 db
Protection class	IP54

Operating Conditions	
Air humidity	5-65 %
Ambient temperature	10-35 °C

Driving profile	
Driving speed lengthwise alignment	up to 1,2 m/s
Driving speed cross direction	up to 1,2 m/s

Floor condition requirements	
Maximum height ground obstacles	5 mm
Maximum gap width	20 mm
Maximum road gradient <i>*only track guided*</i>	2 %
Required floor stability	C 20/25
Required floor load capacity	1500 kg/qm
Surface pressure	23 N/mm <sup>2</sup>

Safety	
Laserscanner	2 x
Emergency stop on vehicle	4 x
Visual signal	RGB - LED
Acoustic signal	✓
According DIN EN ISO 3691-4 and VDI 2510	

Battery	
Number of batteries	6
Battery voltage	48 V DC
Total Capacity	63 Ah

Options	
6-axis robot	
Lifting table	
Roller conveyor	

