

# FFT *igv* ELEVATE

## 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 accuracy



Basic Data	
Length	2500 mm
Width	1600 mm
Height	450 mm
Lifting Height	1200 mm
Wheel diameter	300 mm
Weight	1750 kg
Nominal working load	750 kg
Permitted total weight	2500 kg
Sound level	< 75 db
Protection class	IP54

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

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

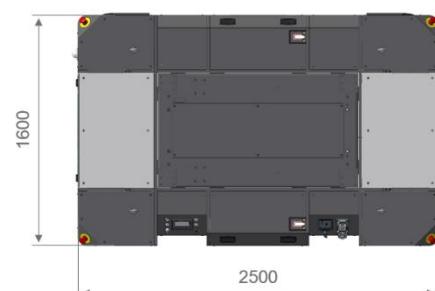
Floor condition requirements	
Maximum height ground obstacles	5 mm
Maximum gap width	20 mm
Maximum road gradient	2 %
<i>*only track guided*</i>	
Required floor stability	C 20/25
Required floor load capacity	1500 kg/qm
Surface pressure	23 N/mm <sup>2</sup>

**Headquarter**  
FFT Produktionssysteme GmbH & Co. KG  
Schleyerstr. 1, 36041 Fulda, Deutschland / Germany  
**Telephone**  
+49 661 29 26-0  
**Internet**  
[www.fft.de](http://www.fft.de)

Safety	
Laserscanner	2 x
Emergency stop on vehicle	4 x
Visual signal	RGB - LED
Acoustic signal	✓
According to 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	
Roller conveyor	



**Executive Board** Tristan Pfurr, Hagen Dickert, Volker Stark  
**General partner**  
Flexible Fertigungstechnik GmbH  
Amtsgericht Gießen, HRB 5014  
**Court of jurisdiction**  
Amtsgericht Fulda HRA 1593