

# FFT *igv* AGILITY

## Highlights:

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



Basic Data	
Length	2000 mm
Width	1200 mm
Height	450 mm
Lifting Height	150 mm
Wheel diameter	300 mm
Weight	approx.1500/2500 kg
Nominal working load	approx.1500/3000 kg
Permitted total weight	approx.3000 /5500 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 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	



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