

BTR Transport Unit



AUTOMATION



- Fast, Reliable PCB Conveyor
- Useable as Transport or Inspection Conveyor
- Multi Segments Available
- Lean Design - Optimized Footprint
- Easy Configuration
- Welded Steel Frame



EXPERTS IN FACTORY AUTOMATION

BTR Transport Unit

PCB Specification	
PCB Width:	50 - 360 mm (1.97 - 14.17")
PCB Length:	50 - 460 mm (1.97 - 18.11")
PCB Thickness:	0.5 - 4 mm (0.02 - 0.15")
Height of Components (Top Side):	max. 100 mm (3.9")
Height of Components (Bottom Side):	max. 50 mm (2.0")
PCB Weight:	2.5 kg
Technical Specification	
Number of Segments:	1, 2, 3 or 4 segments
Cycle Time per Segment:	3 sec
PCB Edge Support:	2.5 - 5 mm (0.1 - 0.2")
PCB Transport Speed:	300 mm/sec (11.8"/sec)
Transport Height:	920 ± 50 mm (36.2 ± 1.9 ")
Transport Direction:	L -> R
Energy Requirements:	230 ± 10%, 50Hz - 110V ± 10%, 60 Hz - 100 VA
Compressed Air:	5-7 bar, 40 l/min, according to DIN ISO 8573 3.4.5
Color:	RAL 7035
Dimensions (L x D x H):	500 mm/segment x 760 x 980 mm (19.7/segment x 29.9 x 38.6")
Weight:	60 kg
Control Unit:	Omron
Standards:	CE Approved
Interface:	SMEMA
Options	
Automatic Width Adjustment	
Transport speed adjustable 100 to 800 mm/s	
Cover	Height 1,300 mm (51,2")
Plating and doors	
Bus System	RS 232 / RS 485, Ethernet
SMEMA Specific	Siemens, SMPI, Fuji, Panasonic, Sanyo
Manual Inspection (including footrest, input/output button, emergency stop)	



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