

# SBU Single Buffer Unit

EASY LINE



AUTOMATION



- In-line Buffer Unit with max. Stock Capacity of 40 PCBs
- Suitable as LIFO or NG Stacker Unit
- Configurable Pitch of 20 mm
- Lean Design - Optimized Footprint
- User Friendly Interface - LCD
- Easy Reconfiguration
- Integrated Diagnostic Tool
- Welded Steel Frame

**OPTTE**  
EXPERTS IN FACTORY AUTOMATION

# SBU

## Single Buffer Unit

PCB Specification	
PCB Width:	50 - 360 mm (1.97 - 14.17")
PCB Length:	70 - 460 mm (2.75 - 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	
Cycle Time:	10 sec (at 100 mm pitch)
Transport Direction:	Left to Right, Right to Left
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, R -> L
Buffer Capacity:	20 - 40 PCBs
Buffer Capacity (total PCB Weight):	20 kg
Position Accuracy:	±0.5 mm (0.02")
Energy Requirements:	230 ± 10%, 50Hz - 110V ± 10%, 60 Hz - 300 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 x 650 x 1,840 mm (19.7 x 25.6 x 72.4")
Weight:	105 kg
Control Unit:	Omron
Standards:	CE Approved
Interface:	SMEMA
Options	
Automatic Width Adjustment	
Transport Speed Adjustable	100 to 800 mm/s
Bus System	RS 232 / RS 485, Ethernet
SMEMA Specific	Siemens, SMPI, Fuji, Panasonic, Sanyo



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