SEGBERT PALLETIZING & AUTOMATION

CPA-20 Cobot Palletizer

6-axis-robot for dynamic palletizing and depalletizing on up to 2 pallets

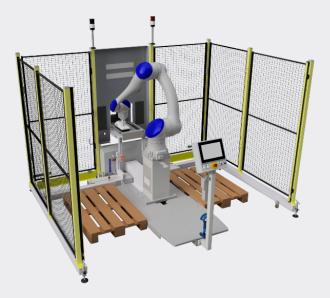


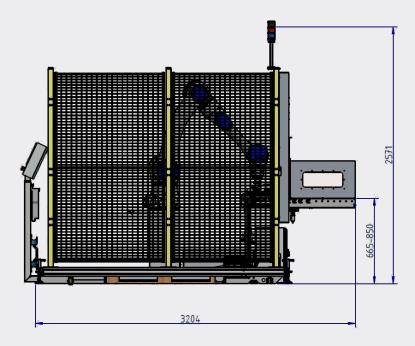
Technical Specifications

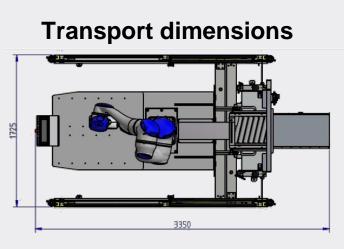
Products		Cardboard boxes, boxes, trays, paper stacks, magazines and other packages
System		6-axis-robot suitable for human-robot collaboration without permanently installed safety fence; provides highest security by power and moment monitoring via absolute precise pulse codes in all joints
Product width Product length		100 – 300 mm (optionally also larger) 100 – 600 mm
Product height		50 – 600 mm
Carrier capacity	max.	18 kg, depending on gripping device
Pallet format	max.	1000 x 1200 mm and 40" x 48", special pallet sizes upon request
Pallet height	max.	approx. 1800 mm incl. pallet, depending on gripping device
Empty pallet height		130 mm (min.) – 150 mm (max.)
Speed	max.	6 cycles/min. in cobot-mode (without safety equipment)
	max.	11 cycles/min. in robot-mode (with safety equipment)
Repetition accuracy	max.	+/- 0,05 mm
Operating distance	max.	1700 mm
Drive		6 controlled Servo axes
Voltage		1,5 kVA at 380-440 V / NPE, 50 Hz.
Fuse		3 x 16 A, slow-blow fuse
Air pressure	min.	6 bar
Air consumption		depending on gripping device
Control		IPC with RobAdmin palletizing program as a configuration interface for
		setting the package and pallet sizes
Safety		Safety standards – applications for industrial robots:
		DIN EN ISO 10218-1 (5.10.5 power and force limit)

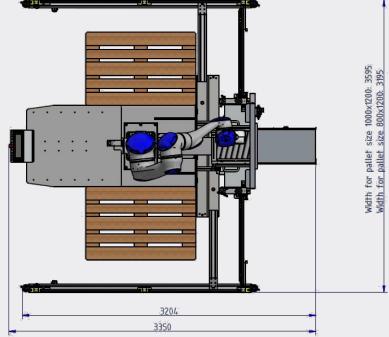
All stated data is mutually dependent with product measurements, pallet format, pallet height and speed.













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