

CPA-10 Cobot Palletizer

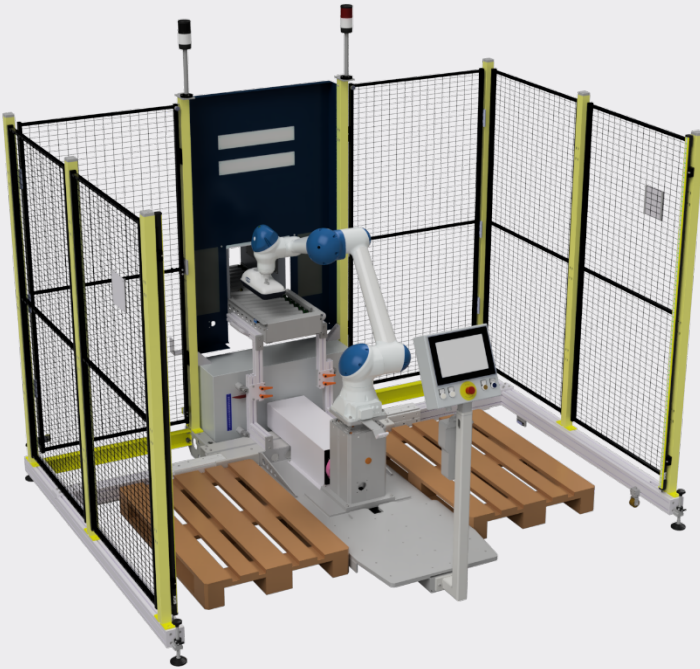
6-axis-robot for dynamic palletizing and depalletizing on up to 2 pallets

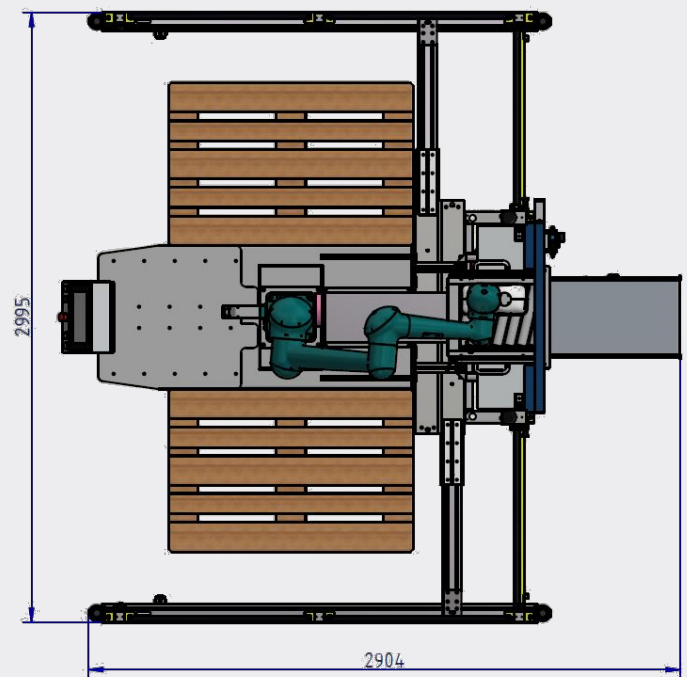
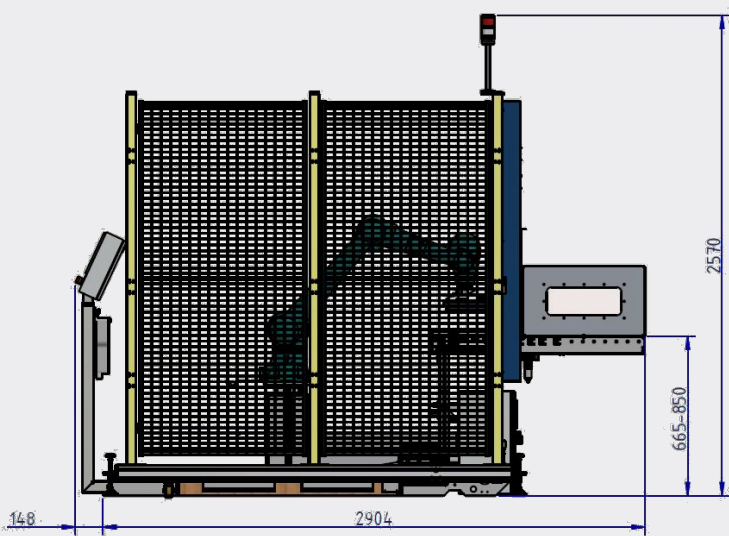
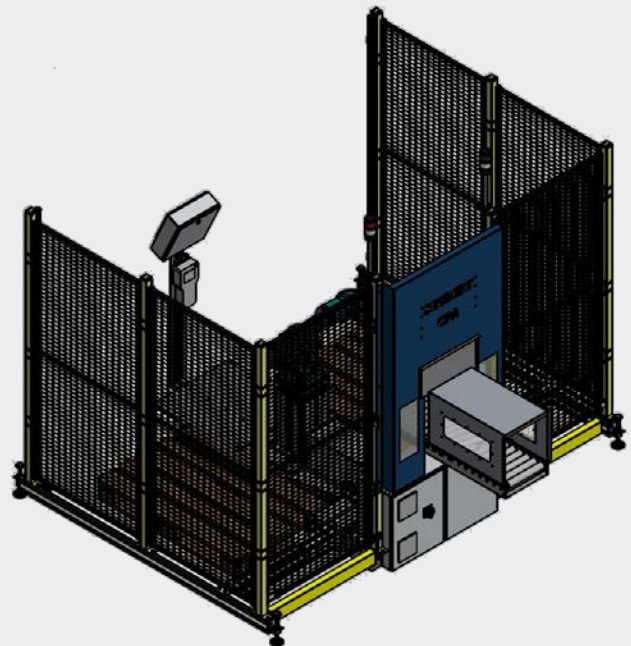


Technical Specifications

Products	Cardboard boxes, boxes, trays, paper stacks, magazines and other packages
System	6-axis-robot suitable for human-robot collaboration without fixed installed safety fence; provides highest security by power and moment monitoring via absolute precise pulse codes in all joints
Product width	100 – 300 mm
Product length	100 – 600 mm
Product height	50 – 600 mm (product dimensions depending on layout variant)
Carrier capacity	max. 8 kg, depending on gripping device
Pallet format	800 x 1200 mm
Pallet height	max. 1500 mm incl. pallet, depending on gripping device
Empty pallet height	130 mm (min.) – 150 mm (max.)
Speed	max. 6 products/min. in cobot-mode (without safety equipment) max. 11 products/min. in robot-mode (with safety equipment)
Repetition accuracy	max. +/- 0,10 mm
Operating distance	max. 1200 mm
Drive	6 controlled Servo axes
Voltage	230 V N PE, 50 Hz.
Power consumption	1,1 kVA
Fuse	16 A
Air pressure	min. 7 bar
Air consumption	depending on gripping device, vacuum gripper: 160 l/min.
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.





Transport dimensions

