

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 width100 - 300 mmProduct length100 - 600 mmProduct height50 - 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 consumption1,1 kVAFuse16 AAir pressuremin.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:

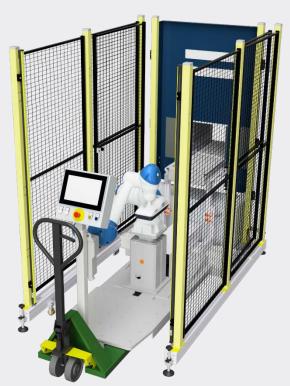
DIN EN ISO 10218-1 (5.10.5 power and force limit)

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



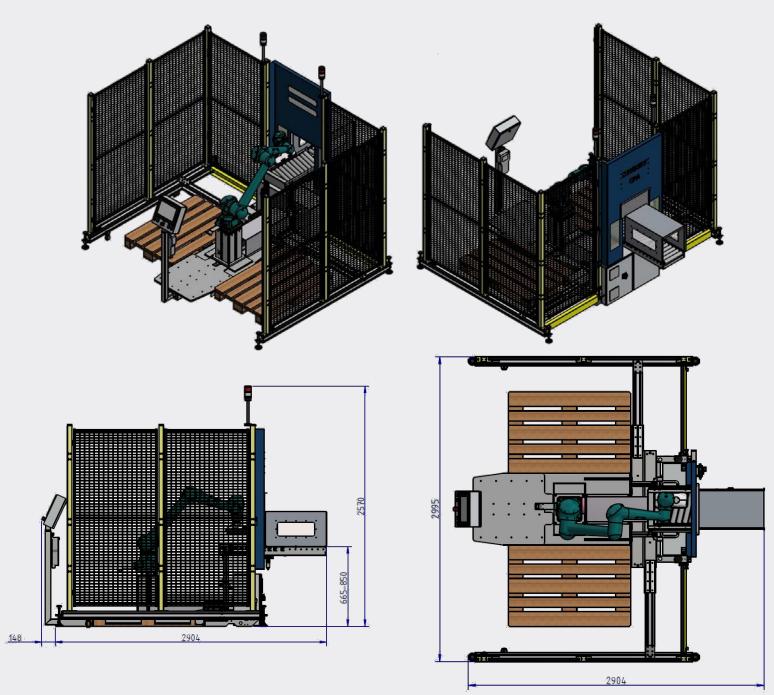




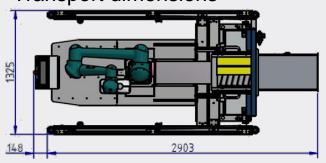








Transport dimensions





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