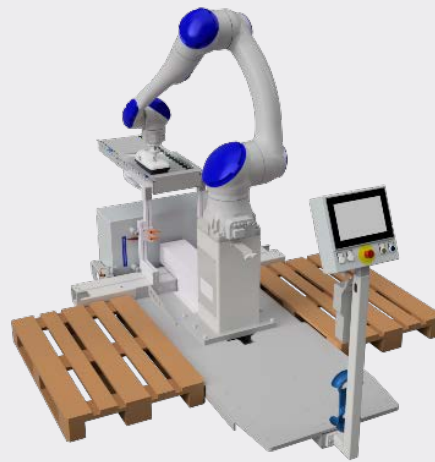


CPA-20 Cobot Palletizer

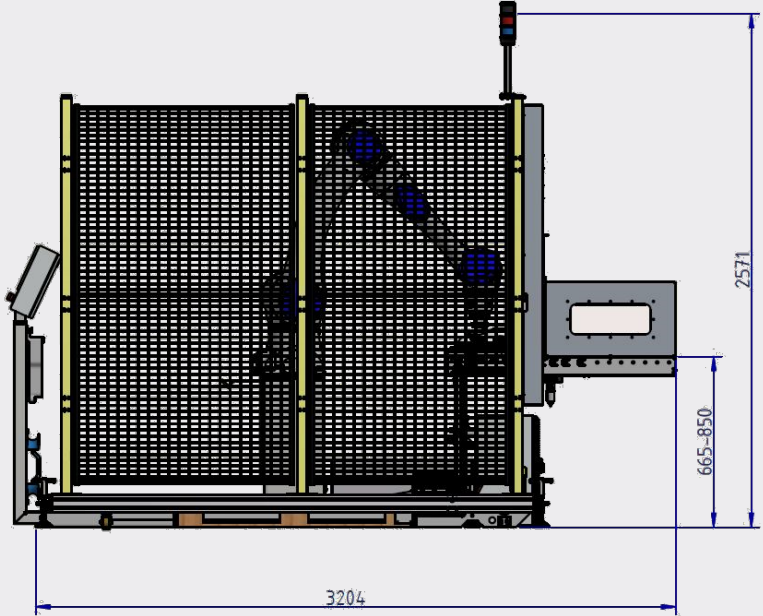
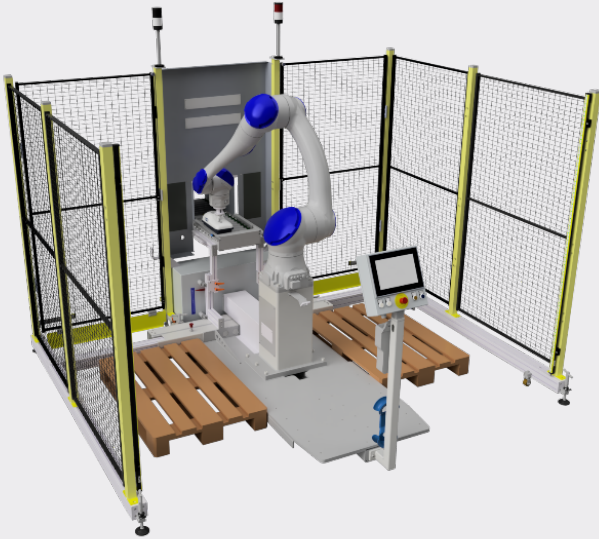
6-axis-robot for dynamic palletizing and depalletizing on up to 2 pallets



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 | | 100 – 300 mm (optionally also larger) |
| Product length | | 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.



Transport dimensions

