



Co-Palletizer 20

A cost-efficient solution
with a quick ROI

Ready to use, Rapid Deployment

Plug & Play, requiring only power and compressed air, for setup in < 30 min, meeting high speed production without experts to configure & setup

Terminal Compatibility, Unlimited Connections

Supporting PC, tablet and mobile devices to connect & login directly via web to teach pendant interface – **no licenses**

Graphical Process Kit for Easy Programming

Professional Palletizing Package with graphical guidance – no code programming. Completely menu guided palletizing setup with drag teaching, enabling easy program creation in just „3 minutes“ with „zero experience“ – no licenses

Customizable Stacking Patterns, Tools for Pallet Stacks with improved Stability

Define stack patterns through animated interactions, achieving tight stacks and lean palletizing sequence

High Flexibility, Easy to Move

Compatible with various sizes, weights and materials of boxes. Easy to move among different lines – ideal for various production and logistics scenarios

Automation That Pays Back Fast

The robot can deliver a return on investment within 8 months compared to your current manual handling operations.



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Specifications Co-Palletizer 20

Model	Co-Palletizer 20 <u>fixed</u>	Co-Palletizer 20 <u>elevating</u>
Payload	20 kg	
Working Radius	1.800 mm	
Horizontal reach / Pallet size	1.200 x 1.200 mm	
Max. Joint Speed (° / sec)	J1/J2: 110° J3: 150° J4/J5/J6: 180°	
Repeatability	+/- 0.1mm	
IP Classification	IP54 (arm)	
Communication	analog, digital, CAN, MODBUS RTU, MODBUS TCP, RS-485	
Operating Temperature	0 - 50 °C	
Weight	270 kg	300 kg
Footprint	1.530 x 1.480 mm	
Rated Voltage	220 V	
max. Power Consumption	3000 W	
Palletizing Speed	8 ... 12 cycles / min	
Palletizing Height	1.930 mm	2.430 mm
Compatible Material	cardboard, smooth surfaces	

The kit includes:

- Standard "S20 ECO" Cobot, 20 kg payload
- Built-in base with HMI panel
- Full palletizing software, **no** add. License required
- Mechan. stops & sensors for 2 pallets
- Hose package
- Maint. unit with pressure reducer



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