

5 MINUTES
to start working



COBOT PALLETIZER

Efficient · Flexible · Reliable

Payload: 20 / 30 / 40 / 60 kg

Palletising: up to 9 picks per minute

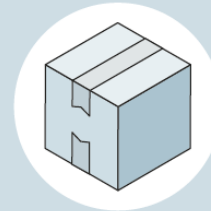
Pallet Height: 2300mm

Max. Pallet Size: 1300x1300mm

Software: intuitive and self learning

Safety: autonomous and co-operative

Pick & Place:



boxes



buckets



jerrycans



bags

Cobot Palletizer

Increase your productivity and relieve your employees of physically demanding tasks with our innovative Cobot Palletizing solution. This compact, intelligent robot works safely side-by-side with your staff, without the need for fencing.

Efficient

- Increased productivity through 24/7 availability
- Lower labor costs, deploy your employees with more value adding tasks
- Higher quality through precise repeatability and positioning



Reliable

- Improved workplace ergonomics
- Works safely side-by-side with your employees
- Automatic stop thanks to built-in force sensors
- Software access with multiple authorization levels
- Optional security features including a scanner and/or fencing



Flexible

- Compact design for minimal floor space
- Euro, ISO and custom pallet configurations are possible
- Quickly reprogrammable for different products and pallet patterns
- Intuitive and self-learning controls in English



Economic

- Attractive investment
- Payback period of up to <1 year, even with a single shift operation
- Flexible deployment due to the unit's portability and quick (5 minutes) adjustment for multiple products and packaging
- Multiple freely configurable pallet and box size configurations



Options - Grippers

The Cobot Palletizer can be equipped with various grippers to handle a variety of packaging units. JH Automation & Machinery can also create a custom-made gripper unit (e.g. vacuum, mechanical, or magnetic).

Suction Cup Gripper



- 2 units with large suction cups
- Net weight gripper: 5.5 kg
- Applications: boxes and flat, sealed packaging

Foam Gripper



- Vacuum foam layer
- Net weight gripper: 4 kg
- Applications: buckets, bags, and sealed packaging

Pneumatic gripper



- Pneumatically controlled gripper
- Net weight gripper: 10 kg
- Applications: jerrycans, bags, and brochures



Options – Extra safety & feeding

For additional safety at higher speeds and in environments where this is required, one or more safety scanners, a safety fence, light curtain or feed belt (incl. pre-positioning) can optionally be integrated.

Scanner



- 360-degree laser detection
- Detection distance up to 5 meters
- Adjustable response actions: slow down / stop

Fence



- Steel frame with safety color
- Quick modular installation
- Sturdily fixed to the floor
- Can be equipped with doors or light curtains

Conveyor



- Connectable stainless steel infeed roller conveyor
- Adjustable side pre-guiding for various box sizes
- Adjustable feed speed
- Incl. box presence sensor

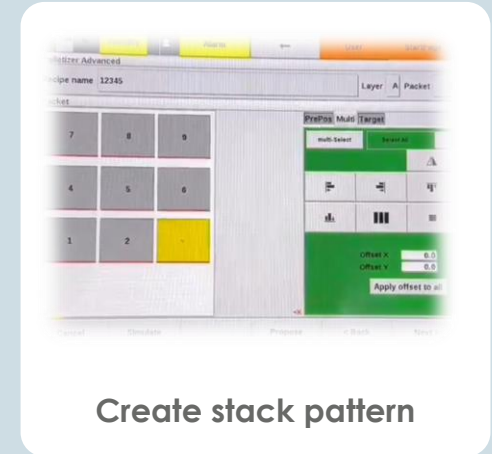
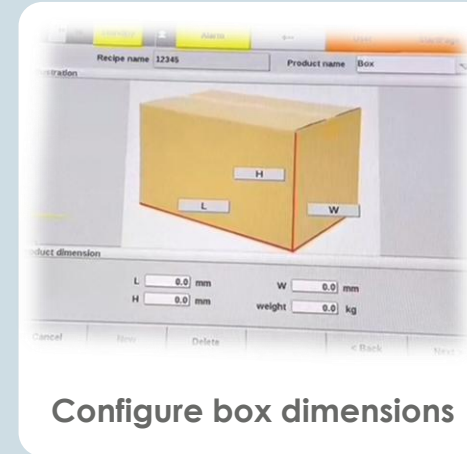
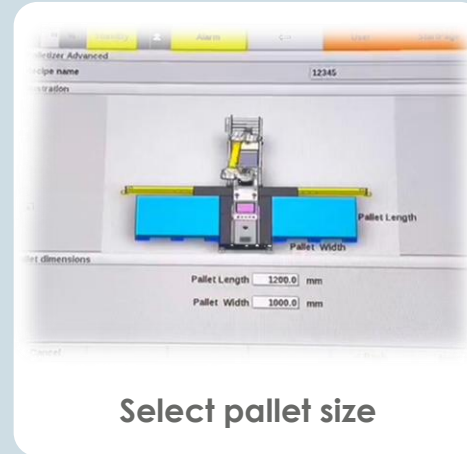
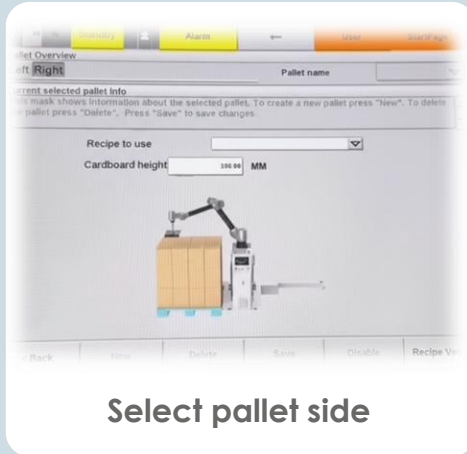
Functional specifications & versions

Model	JH-20	JH-30	JH-40	JH-20-L	JH-30-L	JH-40-L	JH-60-L
Payload (kg)	20	30	40	20	30	40	60
Maximum Reach (mm)	1900	1900	1900	1900	1900	1700	1700
Euro Pallet	V						
ISO Pallet	V						
Stack Height (mm)	2100	2100	2100	2600	2600	2600	2600
Stack speed (<pcs/min)	9	9	7	9	9	7	7
Repeat Positioning Accuracy (mm)	± 0,04						
Elevation in base unit	-	-	-	V	V	V	V
Interface Language	English						

Technical specifications & versions

Model	JH-20	JH-30	JH-40	JH-20-L	JH-30-L	JH-40-L	JH-60-L
Machine Floor Space (mm)	1500 x 1700						
Operating Area (mm)	3150 x 1700						
Equipment Height	3,2m						
Total Machine Weight (kg)	~450						
IP Level	54						
Typical Power Consumption (kW)	3,5					4	5
Power Supply	230V / 50Hz						
Ambient Operating Temperature	0-55°C						
CE Certified	V						

5 minutes to (re-)start working



- Intuitive English touchscreen interface
- Multi-level access control to protect configurations and safety settings
- Software-supported configuration:
 - for correct setups
 - drag & drop positioning
 - automatic alignment
 - automatic position suggestions
- **A complete new pallet configuration created within 5 minutes!**

Ready to take action ?

- **Contact us** for a free demonstration including your palletizing units and discover what automation can mean for your business.
- **Installation and training within 1 day.** Create new pallet configurations yourself within 5 minutes.
- **Start experiencing the benefits,** reducing handling costs and assigning your employees to other tasks.

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