

COLLABORATIVE ROBOT *Case erector with servo-controlled robotic arm*







- **Applications:**

- Food and drinks
- Pharmaceutical and cosmetics
- Chemicals and cleaning products
- Electronics and 3C
- Logistics and distribution

- **Product description**

It's a six-axis collaborative industrial robot designed to automate box stacking. It combines high precision, mobility, and safety, optimizing packaging and logistics processes in various industries.

Thanks to its compact and mobile structure, it can be adapted to different production lines without major infrastructure modifications. Its load capacity of up to 40 kg and repeat accuracy of ± 0.06 mm ensure consistent and reliable performance.

Made with highly durable materials and equipped with safety sensors, emergency stops, and detection systems, it meets international industrial safety standards, ensuring safe and efficient operation.

• **Technical specifications:**

High productivity: speed of 500–600 cycles per hour.

Load capacity: up to 40 kg

Repeat accuracy: ± 0.06 mm

Structure: 6-axis robot with double palletizing stations

Advanced control: PLC + touch screen with recipe management

Safety: sensors, emergency stops and compliance with international regulations

Flexibility: compatible with multiple box sizes and stacking patterns

Mobility: compact design that facilitates relocation in the plant

Maximum load	40 kg
Maximum activity radius	1600 mm
Repeatability accuracy	+0.06mm
Palletizing speed.	500-600times
The number of tray stations.	2
Tray size	Recommendation: 1100mm*1100mm
Recommended Pallet Stacking Height	1300mm (1300mm-2100mm)
Structural form	Six-axis palletizing machine
Application fields	Suitable for regular carton suction cup stacking (food, medicine, 3C, daily chemicals and other industries)
land area	1500mm*1700mm
Power Input	AC220V
Gas inlet	0.6MPA 8mmTrachea
Touchscreen size.	15 inches



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