



Collaborative Robot Palletizer GZM - R30 \ R50

Item	Spec	Parameter
1	Upload	30kg \ 50kg (include sucker)
2	Working Radius	1800mm
3	Stacking Speed	8-10Carton/Min
4	Machine Height	1800mm-3000mm
5	Stacking Height	300-2500mm (include pallet)
6	pallet compatible	1200mm*1200mm*140/150mm
7	Occupied space	6 m ² (include dual pallet)
8	Machine weight	550kg
9	Voltage	Single 220V/50Hz
10	Temperature	0-55 °C
11	Rated Power	2500W-3300W
12	Safety Grade	IP54
13	Repeatability	±0.1mm



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Collaborative Robot Palletizer GZM - R30 \ R50

Silicone Sucker (Standard)

5-axis robotic arm

15.6 inch capacitive touch screen



Self-developed Controller



Machine Height:
1800mm-3000mm

Working Armspread: 1700mm



Pallet:
1200mm*1200mm*140mm

Machine total Width: 3600mm



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30/50kg

Upload

Hand included

6 m²

Occupied

Include Left/Right Pallet

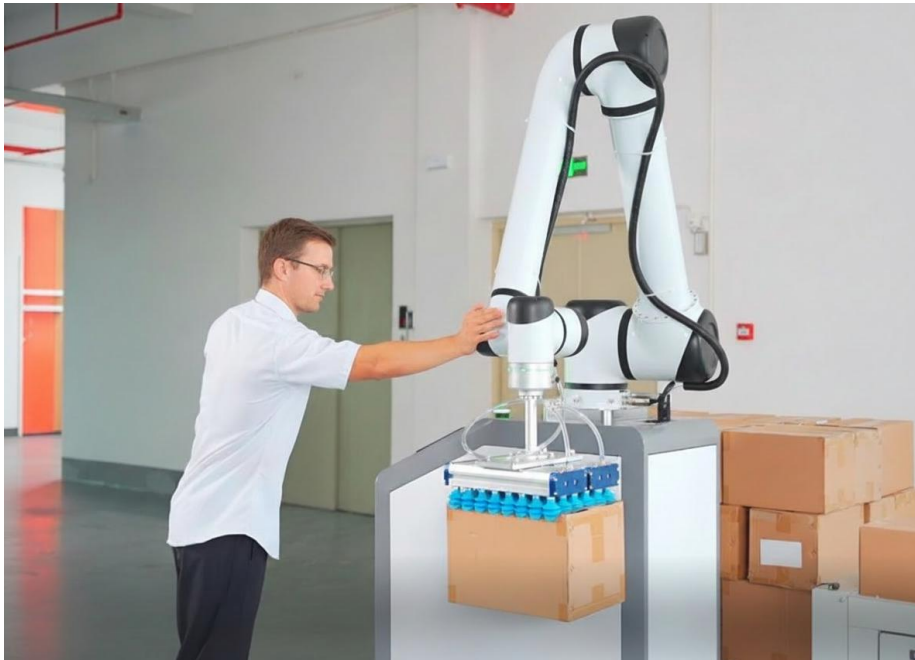
550kg

Full machine



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Intelligent Safety

Collision detection auto-stop

Safety Laser Radar on moving Axis (Standard)

Raster/ all round radar protection



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2D Visual operation interface Easy Programming System

-Create Stacking Layers

-Carton orientation with axis control in touch screen.

The interface is divided into two main sections:

- Main Control Panel (Left):** Features a top status bar with 'System State' (Stop), 'Program State' (Stop), 'Run Mode' (Auto), and 'Speed(%)' (5). Below this are controls for 'Left Pallet' and 'Right Pallet', each with 'Enable'/'OFF' and 'Current Formula' (PalletFormula1) settings. It also displays 'Current Box Count' (-1 Box), 'Current Pallet' (-1 Layer, -1 Box), and 'Already Palletized' (0 Stack) for both sides. Status indicators for 'Left Palletizing', 'Left Full', 'Right Palleting', and 'Right Full' are shown with red lights. A 'Reset' button is present for each side. A 'Layer Style' section shows 'Shape 8 Layer' and 'Total 72 Box'. A 'Time Spent' indicator shows '0:00'.
- Configuration Panel (Right):** Contains a 'Formula' menu and a 'Monitor' section. The 'Interval (mm)' is set to 5, 'Style Box Count' to 9, and 'Auto Style' to 'Style1'. It includes 'Horizontal incoming box' selection, 'PACK IN BOXES' and 'CANCEL PACKING' buttons, and 'Box Count' (9) with '+ Add' and '- Reduce' buttons. There are also 'Multi' and 'All' checkboxes, and 'X(mm)' and 'Y(mm)' input fields. A 'Sort' button and a coordinate system (x, y) are also visible. The central area shows a 2D layout of 9 numbered boxes (1-9) arranged in a grid. To the right of the layout are 'Whole Transformation' options (Center, Up-Down, Left-Right), 'Align' options (Top, Bottom, Left, Right), 'Horizontal Equidistance' and 'Vertical Equidistance' settings, and a 'Move Step' of 5. Navigation buttons (up, down, left, right, return) and 'Save'/'Return' buttons are at the bottom.

Note: Click on "Order of placing" and then click on each box in order, and update the order of placing after clicking



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Efficient, precise, and fast stacking **8-10 Tims/min**

Adjustable grab for single/double box as formula

Re-setting accuracy **$\pm 0.1\text{mm}$**





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Product Details

