

MJ100/130/160/200 Robotic Palletizer



Robotic Palletizer is mainly applied to palletizing and moving cardboard and plastic cartons, bags etc. and has been widely used in the production line of beverage, bottled water, flour, fertilizer etc. It involves the knowledge of several subjects such as mechanics, automatic control technology, sensor technology, single-chip and computer technology, and has become an important part of modern machinery manufacturing production system.

Specially designed for palletizing, Robotic palletizer realizes linear motion on the mechanical structure to satisfy the requirements of palletizing.



Equipment features:

1. Linear motion design best fits palletizing work
2. Adopts plastic cover, energy-saving
3. Less points for spare parts
4. Special gripper, more flexible
5. Grasping bags, cartons, round cans, bottles etc.
6. Easy operation with user friendly interface

Technical advantages:

1. Adopts SANYODENKI motion control system for programming
2. Adopts special structure to lower energy consumption

3. Adopts alloy steel for high strength arm and main bearing parts
4. Adopts imported components for main parts such as reduction gears

Application:

Bag packaging: petrochemical, food, building materials, chemical fertilizer;
 Cartons packaging: beer, beverage, dairy products, medical, food, home appliances;
 Barrels packaging: barreled water, pain barrel, tanked chemicals.

Models:

Model		MJ100	MJ130	MJ160	MJ200
Structure		Multi-joint robot			
Motion mode		Cylindrical coordinates type			
Rated load (Kg)		100	130	160	200
Max. load (Kg)		100	150	180	220
Motion cycle (cycles per hour)		1500	1300	1000	800
Free degree		Four-axis			
Motion range	1-axis (vertical)	2300mm	2300mm	2300mm	2300mm
	2-axis (horizontal)	1500mm	1500mm	1500mm	1500mm
	3-axis (bottom rotary)	330°			
	4-axis (gripper rotary)	360°			
Repositioning accuracy		±0.5			
Frame height(mm)		2200	2200	2200	2200