



MD-45 T Robot Palletizer



The robot palletizer can be used at any production line, providing intelligent, robotic and network for production site. It is a palletizing logistic system which can be used in the industry of beer, beverage and foodstuff etc., widely used for carton, plastic crate, bottle, bag, barrel, shrink wrapped product and cans etc.

General Description

Empty cartons are conveyed continually to the robot packer by case conveyor and the carton goes in packing position according to packing requirement and positioned by case blocking arm. The case distribution and orientation device is ready, and then the robot packer hand grips bottles into the carton; the case blocking arm sets down and the case distribution and orientation device sets free. Then the full carton is sent out of the packer, at the same time, the empty carton is input. The robot packer does the repeating work as above mentioned.

Main Structure and Characters

Gripper Hand

This machine adopts pneumatic hands and grips bottles by filling 0.07-0.15Mpa air into the hand. While discharging, the inner cover of hand recovers and releases bottles. The air in and out of hand is controlled by solenoid valve. It has low cost of maintenance.

Main Body of Robot

- 1) By True Move technology, the machine can run exactly according to set contrail.
- 2) By Quick Move technology, the machine gets best sport function.
- 3) By Active Safety technology, it ensures the security for personnel and machine.
- 4) By strict sealing design, the average failure time breaks 70000 hours
- 5) By high-class protection, it can adapt to all atrocious environments.

- 6) By combined sport of multi-daft, it achieves automation of high speed and savings of energy.
- 7) By servo control, it achieves perfect transition of contrail sport and reduces the clash of sports.
- 8) By servo control, it achieves positioning of multi-points and saves a lot of time for changing.
- 9) By high-precision drive, it can reduce sports noise at most and protects safety of person

Technical parameters

Capacity(bph)	2000-3600
Rated power(kw)	17-25
Weight(tons)	3
Dimension of main body(mm)	1150*1150*4220
Dimension of pallet(mm)	1300*1300*h
Dimension of case(mm)	322*256*235
Dimension of film(mm)	230*230*290