

## *MD-02X Robot Carton Palletizing Workstation*



The workstation mainly includes a handling robot, a mechanical grasp, and two sets of product-blocking devices, a safety bar, and a control system

### **System Characteristics:**

- 1) Robot according to the program Settings, as well as receiving different production line workpiece in place signals, automatically switches different production line grab procedures.
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- 3) Due to the system design and equipment configuration in full consideration of security, the workstation has high security.
- 4) The instruction of operation programming is completed on the handheld controller. The control cable is 10 meters long, and the instruction device is completely designed according to ergonomics. Equipped with the six-dimensional mouse, it is convenient, comfortable, and fast to use, which greatly improves the efficiency of programming and operation.
- 5) The automatic design of the production line greatly reduces the labor intensity of the workers.

### **Workstation process description:**

The production line will finish the production of the carton to the product grab station, the positioning adjustment device will signal to the robot after positioning, the robot grab the carton to the palletizing position for palletizing, and the complete palletizing output to the designated position, and then repeat grab the carton for new palletizing

**Technical Parameters**

| Mode                      | MD-02X            |
|---------------------------|-------------------|
| Load                      | 0-25kg , 25-120kg |
| Working radius            | 1300-1900mm       |
| Palletizing speed         | 6-8 boxes/min     |
| IP rating                 | Ip54              |
| Maximum power consumption | 3.3KW             |
| Rated voltage             | 220V 50HZ         |
| Machine weight            | 300kg             |
| Floor area                | 1510 x 1720 mm    |