Product Parameters

HPK-03H20 High Speed Box Unpacking Machine

1. Applicable carton specifications: L*W*H(mm): 250-450*150-350*150-350mm; (square carton should be cut corners to ensure that the carton is flat)

2. Unpacking speed: 20 boxes/min

3. Carton storage capacity: about 70 PCS (the height of the storage tank is 700mm, the number of storage boxes is calculated according to the thickness of the specific carton)

4. Air source used: 6kg/cm² 450NL/MIN

5.Export table height: 900-950mm

6. Use tape: 48mm (50mm long at both ends)

7. Power of the whole machine: 1KW (voltage 220V single-phase 50HZ)

8. Body part:

8-1. The machine frame is formed of flat steel pipes, and the appearance is sprayed with plastic;

8-2. The part of the contact mechanism with the carton is made of stainless steel;

8-3. The linear part of the mechanism is configured with linear shaft and linear bearing.

9. Electrical part:

9-1. Main motor: TECO

9-2. Cylinder: AirTAC from Taiwan

9-3. Low-voltage electrical appliances: Schneider

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9-4. PLC: Siemens

9-5. Man-machine interface: Kunlun communication

9-6. Photoelectric switch: SICK

9-7. Inverter: Mitsubishi; Suction cup, vacuum generator: FESTO;

10. Unpacking method: horizontal molding

11. Features of the whole machine:

*Professional precision design, adopted by well-known domestic enterprises (Mengniu, Heluxue, Shuanghui, Cargill Grain and Oil, Innisfree, Tmall supermarket and various e-commerce companies);

*The whole machine adopts the cam continuous system, the machine runs stably and is durable;

* Tape tightly;

*Carton storage adopts horizontal type, and empty cartons can be refilled at any time;

*With safety door switch protection device;

*Automatic warning reminder if there is no carton in the trough, the function of replenishing the carton, no tape alarm function (when there is not much left, it will alarm and not stop when it is used up, it will alarm and stop)

*Automatically alarm and shut down after the tape is used up

13. Work flow: bottom suction box-upper suction and pull forming-folding front and rear cover-folding upper and lower cover-conveying and sealing

14. Mechanical size: L2268*W1330*H1700mm

Detailed Images

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