

**GZH-200**

**High Speed Cartoning Machine**



**EQUIPMENT  
TECHNICAL PARAMETER**

**南京翰洋智能设备有限公司**  
NANJING HANYOO PHARMATECH CO., LTD.



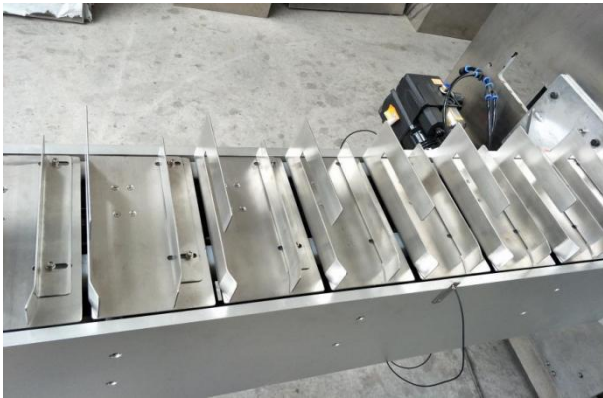
# GZH-200 High Speed Cartoning Machine



## EQUIPMENT

This product is applicable to the packaging of drugs, food, cosmetics, auto parts, electronics and daily necessities, and similar items. It has the functions of automatically folding (matching) the instruction manual, automatically opening the paper box, packaging the items, printing the batch number (matching), and sealing the box (also applicable to Hot-melt adhesive). This machine can be used alone or in conjunction with other equipment to form a complete production line.

## MACHINE DETAILS



Delivery Belt



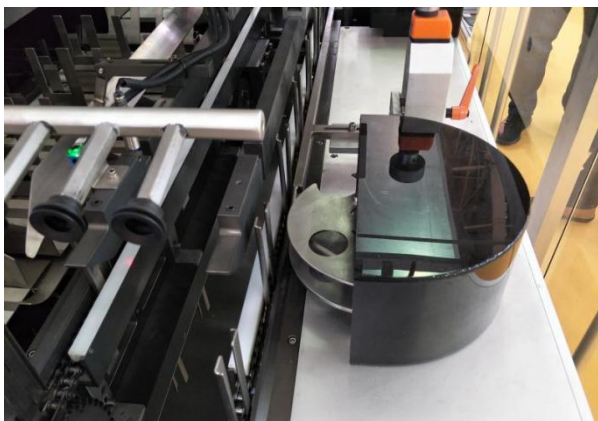
Carton Box Loader



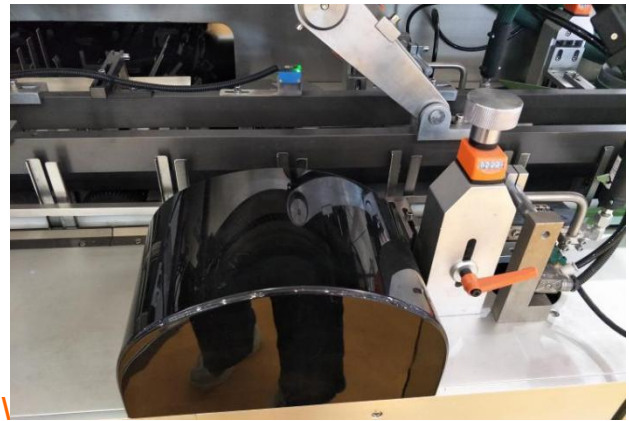
Multiple Box Suction



Multiple Pusher(push product into carton box)  
It' s in the back of the machine,so it' s safer and more convenient.



Close Carton



Close Box



Scale For Size



Output

## MAIN ELECTRIC PARTS PICTURE



Japan Omron Touch Screen



Japan Omron Inverter



Germany Sick Sensor



Japan Omron PLC Control System

## TECHNICAL PARAMETER

| MODEL                        |                            | GZH-200                                                                    |
|------------------------------|----------------------------|----------------------------------------------------------------------------|
| Encasing Speed               |                            | 100-200 boxes/min                                                          |
| Box                          | Quality requirement        | 250-450g/m <sup>2</sup><br>(according to its dimension to confirm)         |
|                              | Dimension range<br>(L×W×H) | (70-250)×(30-130)×(15-70)mm<br>can customize according to your requirement |
| Compressed air               | Working pressure           | ≥0.6mpa                                                                    |
|                              | Air consumption            | 20m <sup>3</sup> /h                                                        |
| Power supply                 | 220V/380V 50Hz             |                                                                            |
| Motor power                  | 1.5KW                      |                                                                            |
| Machine dimension<br>(L×W×H) | 5000*1700*1900mm           |                                                                            |
| Machine weight               | 3000KG                     |                                                                            |

## STANDARD FEATURE

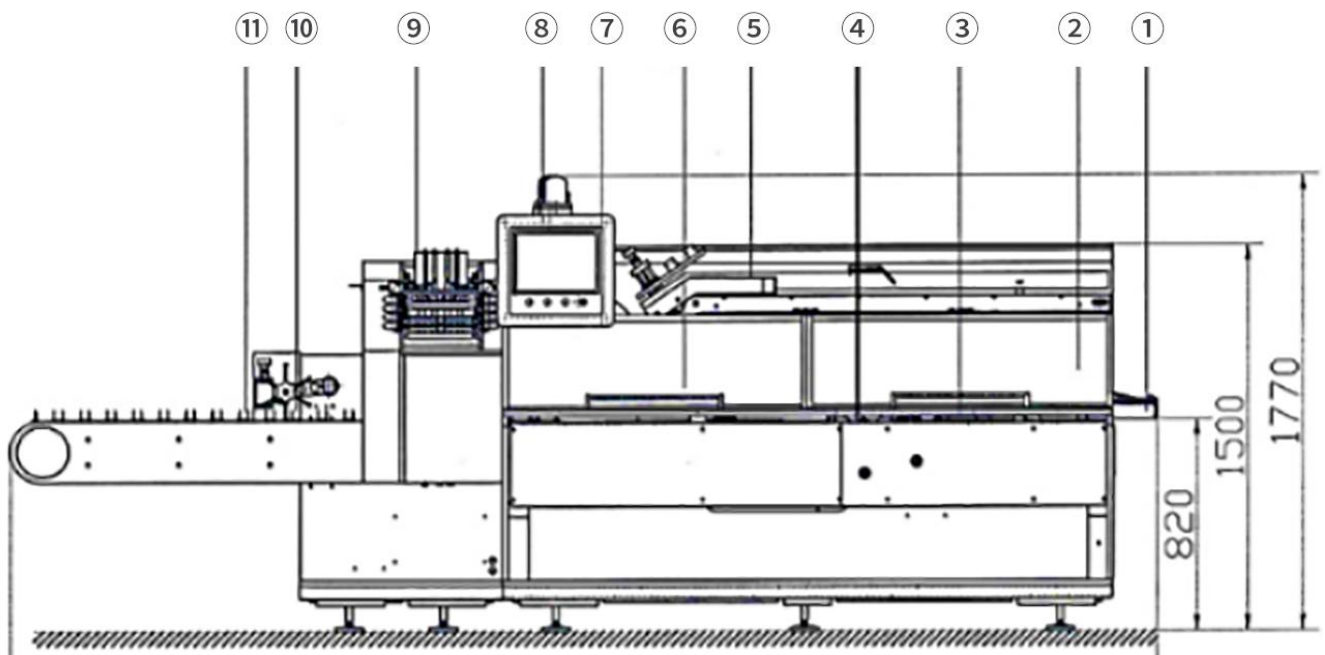
1. Touch screen hmi controls
2. PLC programme
3. Japan omron electric parts (inverter, plc,touch screen...)
4. Germany sick photocell
5. Vacuum assisted pre-break
6. Different sizes are available in one machine within machine size range
7. Without product, carton will be not sucked down
8. Auto display trouble, alarm and count finished product
9. Overload protection

## OPTIONAL FUNCTION

1. Auto conveyor
2. Other brand like SIMENS (inverter, PLC, touch screen)
3. Print batch number or date on carton box

## MAIN PARTS LIST

| ITEM | NAME                     | MODEL AND SPECIFICATION | ORIGIN           | QTY    |
|------|--------------------------|-------------------------|------------------|--------|
| 1    | PLC                      | CPIE-N30DT-D            | Japan Omron      | 1      |
| 2    | PLC Extended Module      | CPIE-C1F11              |                  | 1      |
| 3    | Touch Screen             | NB7W-TWOOB              |                  | 1      |
| 4    | Inverter                 | 3G3JZ-A4015             |                  | 1      |
| 5    | Photosensor              | E3Z-D61                 |                  | 1      |
| 6    | Motor                    | CH-1500-10S 1.5KW       | Taiwan CPG       | 1      |
| 7    | Dividing box             | OS83-4L-180             | Zhejiang         | 1      |
| 8    | Button                   | XB2                     | France Schneider | 3      |
| 9    | Emergency Stop           | ZB2 BC4D                |                  | 1      |
| 10   | Relay                    | MY2 NJ24V               | Japan Omron      | 8SET   |
| 11   | Electromagnetic valve    | 4V210-08                | STNC             | 2      |
| 12   | Pressure regulator valve | BFR-2000                |                  | 1      |
| 13   | Proximity switch         | TL-Q5MC1                | Japan Omron      | 2      |
| 14   | Sucking disc             | VF-30                   | Korea            | 2      |
| 15   | Vacuum sounder           | ABM20-C                 | AIRBEST          | 1      |
| 16   | AC contactor             | LC1E3210M5N             | SCHNEIDER        | 1      |
| 17   | Switching power supply   | NES-50-24               | Taiwan mean well | 1      |
| 18   | Air switch               | 3P32A 1P6A              | Korea LG         | Each 1 |
| 19   | Encoder                  | B-ZSP3806E2C            | shanghai         | 1      |
| 20   | Cover                    | stainless               | Shanghai         | 1SET   |



- |                              |               |                          |
|------------------------------|---------------|--------------------------|
| ① Finished Product Discharge | ② Rejection   | ③ Box Closing            |
| ④ Embossing                  | ⑤ Box Storage | ⑥ Product Pushing Device |
| ⑦ Vacuum Suction             | ⑧ HMI         | ⑨ Leaflet Folding        |
| ⑩ Product Sensor             | ⑪ Conveyor    |                          |

A dark blue horizontal banner featuring various medical and pharmaceutical icons in a lighter blue color. The icons include a blister pack of pills, a pill bottle with a cross, a capsule, a pill, a vial, and a syringe. The company name 'HANYOO' is written in a large, bold, white sans-serif font, and '翰洋科技' is written below it in a smaller, bold, white sans-serif font.

**HANYOO**  
**翰洋科技**

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