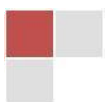




# Yangzhou HAILI Precision Machinery Manufacturing Co., LTD

## HPP-120N Full-automatic Powder Compacting Press Machine

### Manufacturing Specifications



## 1. Technical Parameters

### 1.1 Press machine main technical parameters

No.	Operation Parameters	Specifications
		120kN
1	Max pressing capacity	120kn
2	Max ejection capacity	120kn
3	Upper die punch stroke	100mm
4	Max filling height	80mm
5	Stroke rate	9-27 spm
6	Hopper volume	10L
7	Working table height	1220mm
8	Main motor motor	4kn
9	Under filling volume	5mm
10	Filling adjustment	Manual
11	Pressing adjustment	Manual
12	Ejection adjustment	Manual
13	Feeding panel	Adjustable
14	Down pressing way	Cam adjusting
15	Die surface position	Fixed
16	Feeding device	Cam vibration line type
17	Feeding boot tightly	Swing arm lever type
18	Shaping speed adjustment	Tensioning pulley adjustment
19	Production counting	Electrical
20	Operation	Inch, Continuous, Stop
21	Lubrication	Manual central lubrication
22	Core rod	Fixed
23	Power voltage	380V/50Hz
24	Machine weight	2000kg

25	Machine size	1156mm*1260mm*2180mm
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## 2. Main precision standards

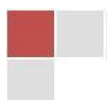
- a. The Verticality of upper sliding column movement towards the standard surface  
tolerance:  
0.02mm
- b. The parallelism of the upper sliding column bottom surface towards the standard surface  
tolerance: 0.02mm
- c. The parallelism of upper surface of lower sliding column towards the standard surface  
tolerance: 0.02mm
- d. The verticality of bottom sliding column movement towards standard surface  
tolerance: 0.02mm
- e. The precision of lower sliding column repeat positioning      Tolerance: 0.02mm

## 3. Main Components Brands

No.	Name	Brands
1	Main pneumatic components	SMC/ Air TAC
2	Electrical components	France Schneider
3	Lubrication components	America Bijur (Nanjing)
4	Seal components	Seal tech
5	Motor speed control	Japan MIKI
6	Reducer	Made in China
7	Motor	Made in China

## 4. Machine optional function (Extra charge)

4.1 Electric lubrication



- 4.2 Core rod pulling
- 4.3 Core rod vibration
- 4.4 Core rod vibration+ Core rod pulling
- 4.5 Special material require to the feeding boot cushion and feeding panel
- 4.6 Special lever arm balance feeding method
- 4.7 Others

**5. Package: wooden seaway package, and make sure no damage and rust before loading.**

## **6. Machine Inspection and commissioning**

- 6.1. Acceptance standards: Production technical standards.
- 6.2. Supplier provides die set standard chart, buyer should design and produce testing mould follow the drawing. The acceptance of machine will start in the condition of qualified powder and mould ready which are provided by buyer, until inspection finish.
- 6.3 After machine arrived in, buyer should responsible for machine installation, get through the compressed air and power ready, the qualified powder ready as well.
- 6.4. Supplier offers free adjusting machine.

## **7. after Sale Services**

- 7.1. After machine arrived, supplier should offer free training course to buyer's workers. The content: machine's operation, adjustment and machine maintain. The buyer should provide the come-return fly ticket, accommodation, food and local transportation and safety for our technicians, and extra 100 USD/day of allowance for the technicians.
- 7.2. Machine warranty period for one year, permanent technical maintain support.
- 7.3. Reply within 24 hours, if buyer call or fax for technical consultancy. If buyer



needs door to door service, arrive within 48 hours (mainland China area only).

## **8. Machine maintenance**

8.1 always keep machine clean;

8.2 please notice the motor rotation direction should be same with the arrow when start the machine;

8.3 check the time and volume setting of lubrication system;

8.4 Check the tension lever of the motor triangle belt;

8.5 Roller, lubricating and rotating parts whether wore out or not, any abnormal noise;

8.6 Some of the bearing whether over heat or with more gaps or with abnormal noise;

8.7 The fastening part whether becomes loose;

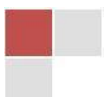
8.8 The elastic force of each spring whether reduced or not;

8.9 The movements of tooling feeding device and others whether normal or not;

8.10 The electrical components and wire circle whether broken or not;

8.11 The lubrication pipe whether broken or not.

## **9. Machine overall chart**





**Supplier: Yangzhou Haili precision machinery manufacturing Co., Ltd**

**(Stamp)**

**representative:**

**Date:**

**Buyer :**

**(Stamp)**

**Representative:**

**Date:**

