

OPERATION INSTRUCTIONS FOR  
SHISHA CHARCOAL PRESS



**ANYANG GENERAL INTERNATIONAL CO., LTD**

# Catalog

Preface	.....	3
Specifications	.....	4
Note for Lifting Transportation	.....	4
Transmission System	.....	5
Structural Performance	.....	6
Schematic of Transmission System	.....	6
Schematic of Shisha charcoal Press	.....	7

## **Preface**

Welcome to use the Shisha Charcoal Press.

Please read these instructions exhaustively before use the machine. Based on acknowledging and acquainting to each part and element of machine with their right names, structure, factions and proper maintenances, you will find that it is an important way to let the machine play sufficient efficacy.

When you contact us for the spare parts or the reparation, please enclose the model, the name of spare part, specification of your machine. If the spare part is not on the product list, please give us the detailed description of its shape and located position. With the considerate plane, we ensure you the best service.

Any of your advice and suggestion is our treasure to improve our products and service.

## **I 、 Specifications**

- 1、 Maximum pressure : 250 KN
- 2、 Diameter Range of the Tablet :  $\Phi 15\sim\Phi 50$
- 3、 Output Productivity : 9600—190000 Pieces per Hours depend on different tablet size.
- 4、 Size of the Main Machine : 1350 \* 950 \*1510 (L \* W \* H)
- 5、 Main machine weight : 1.8 Ton
- 6、 Power : 7.5 KW for the four grades
- 7、 Standard Power Supply : Three-phase AC, 380V, 50HZ

## **II 、 Note for Lifting Transportation**

When you are do the lifting transportation of the machine, please pay attention to the following notice:

- 1、 During the lifting transportation of the machine, prevent the body from the excessive tilt to avoid damage to the upper structure of it.
- 2、 During the transportation of the machine, prevent the over-large impact and vibration.
- 3、 After reach the installation position, firstly remove the upper cover of the packing case, then remove the four sides of it, finally remove the bottom of the case.
- 4、 After the removing package, please check the intactness of the machine and the completeness of the spare parts.

### III、 Transmission System

1、

Name	Quantity of Mould	Number of Teeth	Direction of Rotation	Installation Location
Gear for shaft 1	6	14	Left	Shaft 1
Gear for shaft 2	6	55	Right	Shaft 2
Gear for shaft 2	7	14	Left	shaft 2
Gear for shaft 3	7	78	Right	shaft 3
Gear for shaft 3				shaft 3

2、 Details of the Rolling Bearing

Type of Bearing	Quantity	Installation Location
6208	2	Shaft 3
6210	2	shaft 3
22222	2	shaft 3
62204—RS	2	Driven Shaft for Transportation

## **IV、 Structural Performance**

This machine is made up of the deceleration system, the slide structure, the delivery & output structure and the electronic control system.

### **1、 Deceleration System**

The motor (1440rpm) actuates three pieces of V-belts to drive the belt roller. After the deceleration process of two oblique teeth between Bearing 1&2 and Bearing 2&3, the rotate speed of Bearing 3 is 20rpm.

### **2、 Slide Structure**

The cam which is carried by the Bearing 3, through the transmission of the upper roll, to drive the lower punch which is supported by four guiding posts to do the up-and-down action. At the same time, the racker which is driven by the Bearing 3, the slide beam and the upper punch do the up-and-down action which is synchronized with the lower punch, to make the charcoal powder into the tablet product.

### **3、 Delivery & Output Structure**

The slide beam drives the connection board of the feeder part, to make the hopper do the forward & backward action. When the slide beam moves up, the output part of the hopper pushes the tablet

product out and feed the raw material automatically. When the slide beam moves down to punch, the hopper and the output part move back and abort. When the slide beam moves up, it drives the transmission system to move forward, and makes the tablet product get out of the machine.



