

**VH-3000**

# Powder Mixing Machine



**EQUIPMENT  
TECHNICAL PARAMETER**

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# VH-3000 Powder Mixing Machine



## INTRODUCTION

This machine is suitable for pharmacy and other industries, used for mixing the dry granule materials. It adopts manual feed and closed valve disc discharge, which can avoid dust spilling. With unique mixing barrel structure, high efficiency blending, no dead ends. Using stainless steel material, prevent the mixing materials from being polluted.

The inside and outside of machine are polished. Mixing the materials evenly and apply to a wide range of fields. It also can be equipped with the compulsory mixer, which is according to the users demand. It is suitable for powder, blocks and etc. In addition, the machine is also equipped with a timing device, you can control the material mixing time.

## MACHINE CHARACTERISTICS

1. The cylinder and bracket of the mixer are all made of 304-2B stainless steel material.
2. The mixed discharge valve is made of all stainless steel precision machining, and the connection is sealed with shaped silicone rubber material to ensure the sealing effect of the machine during operation.
3. The feeding port of the mixer adopts a selective quick opening structure, making it easy for users to operate during feeding and cleaning.
4. Accelerate the installation of two stainless steel guide plates at the seams on both sides of the mixer cylinder and use polishing treatment to ensure that there are no dead corners inside the cylinder, ensuring that the mixer can achieve ideal results during mixing and cleaning.
5. The electrical control of the mixer adopts an electromechanical integrated system.
6. The mixer is equipped with an adjustable timing device that can be set by the user according to the mixing time required for each batch of products, and automatically stops after the work is completed.
7. A through shaft (SS 304) inside the cylinder ensures the concentric stress stability of the mixer, and an L-inch plate is added to the inner wall of the cylinder to strengthen welding.

## TECHNICAL PARAMETER

Model	VH-3000
Mixing Coefficient	30-40%
Maximum Mixing Volume	900-1200kg/批次
Mixing Time	10-25min
Cylinder Speed	~ 7r/min (Variable frequency speed regulation)
Turning Height	3350mm
Equipped Power	11kw
Discharge Method	Automatic positioning facing down
Power Source	380V 50Hz
Discharge height above ground	650mm
Blender Thickness	5mm
Weight	2200kg
External Dimension	3800×1800×3350 mm

## ELECTRONIC PART LIST

NO.	NAME	MODEL	QTY	BRAND
1	Barrel	304 5.0mm	3	Wuxi Daming
2	Cylinder Liner	A <sub>3</sub> δ16mm	2	Nanjing Kanghua
3	Half Shaft	A <sub>3</sub> φ160mm,	2	Nanjing Kanghua
4	Half Shaft Sleeve	304 φ500	1	Nanjing
5	Main Frame	A3 4#channel steel	7	Nanjing Kanghua
6	Outsourcing	304-2B stainless steel 1.2-1.5mm	8	Wuxi Daming
7	Butterfly Valve	304-2B stainless steel φ 250	1	Changzhou Stainless
8	Sealing Element	22×19mm silicone rubber	2	Wujin Hongye
9	Hybrid Machine	Y90L1-4 11kw	1	Dazhong Electric
10	Reduction Gear	175 4M 60:1	1	Zhejiang Xiaoshan
11	Belt Pulley	HT150、 100	2	Hanyoo
12	Sprocket Wheel	31.5" 40Z、 15Z	2	Nanjing Jiucheng
13	Bearing, Shaft Housing	P P322	2	Harbin
14	Circuit Breaker	DZ47-63/3P20A	1	Chint
15	Ac Contactor	3TB4017/380V	1	Chint
16	Thermal Relay	3UA59/3-6.2A	1	Chint
17	Button	LAY3-11	2	Chint
18	Signal Lamp	AD16-22D/31/380V	3	Chint
19	Time Relay	JS14S-999/380V	1	Chint
20	Frequency Conversion	15kw positioning/heavy duty	1	Upper drive



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