

**VH-300**

# Powder Mixing Machine



**EQUIPMENT  
TECHNICAL PARAMETER**

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# VH-300 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

- The mixing drum consists of two asymmetric cylinders, made of high-quality stainless steel plate rings of 304  $\delta$  2.0mm and welded tightly together. The inner and outer walls are precision polished and polished, with smooth surfaces, no dead corners, thorough discharge, and easy cleaning.
- The transmission shaft consists of two half shafts. Before installation, the shaft sleeve is fixed and welded to the cylinder wall with concentric fittings, reinforced with a  $\delta$  8.0mm plate. After completion, the concentric rod is removed, and the shaft hole is tightly welded without leakage. During the material cylinder transmission process, there is no shaking or eccentricity.
- The transmission system consists of a motor, a reducer, a sprocket, bearings, a transmission shaft, and other parts. The maximum rotation speed of the material cylinder is 15 revolutions per minute, and there is no noise during operation, ensuring smooth operation.
- The frame of the V-type mixer is made of A3 angle iron, which is securely welded. The frame is wrapped in 304  $\delta$  1.2 stainless steel, with a flat surface, no scratches, and no welding marks. The side controlled by the rotating bracket electrical control is a movable door for easy maintenance.
- Install Dg100 stainless steel sealed butterfly valve at the discharge port of the material cylinder, which has good sealing effect and easy operation.
- The feeding port is a movable cover plate, which is pressed tightly with a lever. The sealing is made of edible silicone rubber sealing strip, which is pollution-free and easy to operate.
- The control of mixing time adopts digital time relay control, and the mixing time is set according to the requirements of the actual production process of mixing, reducing labor intensity and improving efficiency. The loading form of this machine is divided into two types: manual feeding or vacuum suction feeding.

# REAL SHOOTING REFERENCE



## TECHNICAL PARAMETER

MODEL	VH-300
Full Volume	300L
Maximum Loading Capacity	150kg
Cylinder Rotation Speed	12r/min
Rotating Motor	1.5kw
Weight	400kg
External Dimensions	1900*650*1850 mm

## ELECTRONIC PART LIST

NO	NAME	MATERIAL	SPECIFICATIONS	MANUFACTURER
1	Height difference	304	300 liters with a thickness	Hanyoo
2	Reducer		Worm gear and worm	Hanyoo
3	Feeding manhole	304	300	Hanyoo
4	Manhole	304	300	Hanyoo
5	principal axis	304	300	Hanyoo
6	butterfly valve	304		Hanyoo
7	a housing	304	1.5mm	Hanyoo
8	frame	Q235	No. 8 channel steel	Hanyoo
9	electric machinery		1.5kw	Dazhong
10	an electric appliance		1.5KW speed regulating	Delixi



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