

VH-50

Powder Mixing Machine



**EQUIPMENT
TECHNICAL PARAMETER**

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VH-50 Powder Mixing Machine



INTRODUCTION

This machine is suitable for pharmaceutical and other industries, and is used for mixing dry granular materials. Manual feeding and closed valve disc discharging are adopted to avoid dust overflow. Unique mixing barrel structure, high mixing efficiency, no dead angle. Stainless steel is used to prevent mixed materials from being polluted.

The inside and outside of the machine are polished. Uniform mixing, suitable for a wide range of fields. It can also be equipped with a forced mixer according to user requirements. It is applicable to powder, block, etc. In addition, the machine is also equipped with a timing device, which can control the mixing time of materials.

MACHINE CHARACTERISTICS

1. the mixing cylinder is two asymmetric cylinders, and the material is 304 δ The 2.0mm high-quality stainless steel plate ring is formed by round tight welding, and the inner and outer walls are precisely polished/polished. It has the characteristics of smooth surface, no dead corner, complete discharge and easy cleaning.
2. the transmission shaft is composed of two half shafts. Before installation, the shaft sleeve is fixed and welded on the cylinder wall with concentric collar, and there are δ The 8.0mm plate shall be strengthened, and the concentric bar shall be taken out after completion. The shaft hole shall be closely welded without leakage. There shall be no chattering and eccentricity during the transmission of the barrel.
3. the drive system is composed of motor, reducer, sprocket, bearing, drive shaft and other parts. The rotation speed of the barrel is 10 rpm. There is no noise during the working process and the operation is stable.
4. The frame of the V-type mixer is made of A3 angle iron, and the frame is securely welded, and 304 is used as the outer packaging δ 1.2 it is made of stainless steel and has a flat surface without scratches and welding traces. The side controlled by the rotating bracket is a movable door for easy maintenance.

5. dg100 stainless steel sealed butterfly valve is installed at the discharge port of the barrel, which has good sealing effect and convenient operation.
6. the feed inlet is a movable cover plate, which is pressed with a lever, and sealed with edible silicone rubber sealing strip, which is pollution-free and easy to operate.
7. the mixing time is controlled by digital display time relay. The mixing time is set according to the requirements of the actual production process of mixing, which reduces the labor intensity and improves the efficiency. The machine can be loaded manually or by vacuum suction.

TECHNICAL PARAMETER

MODEL	VH-50
Total Volume (L)	50
High volume loading (KG)	14
Mixing Time (min)	6-8
Rotating Speed (r/min)	15
Power (KW)	0.75
Package Size (mm)	1520×690×1470
Weight (KG)	140

ELECTRONIC PART LIST

NO	NAME	MATERIAL SPECIFICATIONS	MANUFACTURER
1	Material Barrel	304δ2.0mm	Zhang Pu
2	Outsource	304δ1.2mm	Nanjing
3	Frame	A3 5x5 angle iron	Zhang Pu
4	Discharge Port	Dg100 stainless steel sealed butterfly valve	Wuxi
5	Reducer	Wap 80 40:1	Xiaoshan
6	Electrical Machinery	1.1kw	Nanjing Motor Factory
7	Bearing	6214 2	Harbin
8	Transmission Shaft	A3	Nanjing
9	Ac Contactor	3TB40/220V	CHINT
10	Thermal Overload	3UA59/380V	CHINT
11	Digital Display Time Relay	TS145/220V	CHINT
12	High Section Circuit Breaker	4P 40A	CHINT
13	Button Switch	LY3	CHINT
14	Indicator Light	AD16	CHINT



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