

Horizontal Ribbon Mixer

Instructions

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CONTENTS

1. General Introduction.....	(1)
2. Main Specification.....	(2)
3. Main Parts	(3)
4. View of the whole machine.....	(3)
5. Operation & Setting	
5-1. Preparing for running	(4)
5-2. Operation.....	(5)
6. Schematic Circuit Diagram.....	(7)

1. General Introduction

The Horizontal Ribbon Mixer is a new type, high efficiency mixing equipment, which is widely used in food and chemical industry.

This machine has horizontal tube body with dual layers of screw. It runs stably with low noise and long life. With this machine, even the mixing of different materials becomes very fast with high evenness degree. The machine has the motile door under the body, which makes it easy for customers to clean. This whole machine except the motor is made of SS304. And it's mainly suitable for mixing powder as well as granular.

2. Specification

Model	TDPM200	TDPM300	TDPM500	TDPM1000	TDPM1500	TDPM2000
Effective volume	200L	300L	500L	1000L	1500L	2000L
Total volume	280L	420L	710L	1420L	1800L	2400L
Weight (kg)	250	350	500	700	1000	1300
Powder (kw)	4	5.5	7.5	11	15	22
Length (mm)	1370	1550	1773	2394	2715	3080
Width (mm)	834	970	1100	1320	1397	1625
Height (mm)	1647	1655	1855	2187	2313	2453
Power	3P AC208-415V 50/60HZ					

3. Main Parts

Blender Hopper

Dual Screw

Electric Cabinet

Control Panel

Motor

Reducer

Pneumatic valve

4. View of the whole machine



5. Operation & Setting

5-1. Preparing for running

Keep the machine is placed in a stable place. Check the power supply is correct.

5-2. Operation

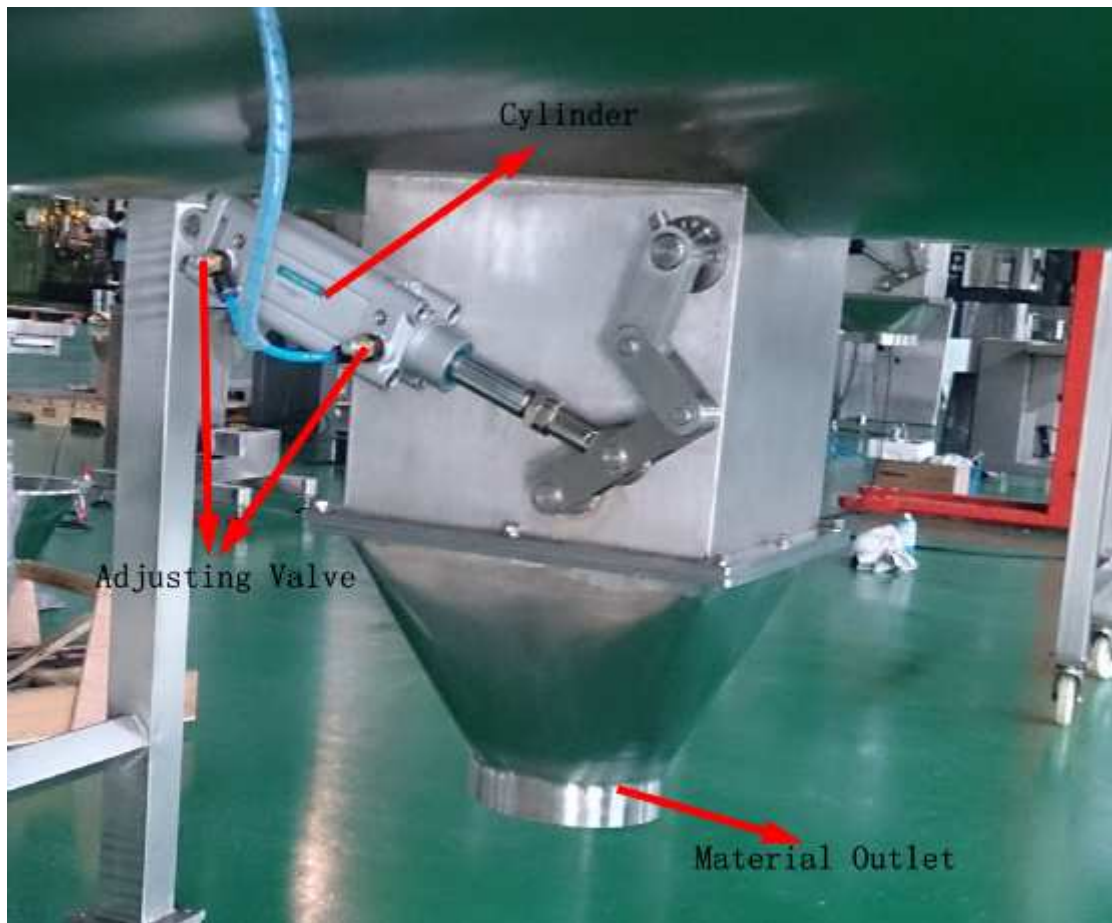
- a). Turn on the Power Switch, and turn the Emergency Stop to make it on bound state. Adjust run-time trough the Time relay on the cabinet.



b). Start the motor by controlling the buttons on the right side of the control cabinet. Thus, the dual screw will start mixing.



c). When the materials have been mixed well by the machine, you can control the Valve ON/OFF button on the control panel to discharge the materials. And when it's finished, close the pneumatic valve.



6. Schematic Circuit Diagram

