

SED-1000EH-H Two Dimensional Swing Dry Powder Mixer Machine With Automatic



The drum of machine can simultaneously move in two directions, one for the rotation of the drum, another for drum with the swinging rack.

Materials rotating, over turning and mixing in the drum with the rotation of the drum meanwhile do back and forth mixing movement with the drum swinging. With these two sports function, the materials can be fully mixed in a short time.

This machine is widely used in blending of powder and granular materials.

Main composition of Mixer Machine

The two-dimensional mixer is mainly composed of a barrel, a rotating mechanism, a swinging machine, an upper frame, a lower frame, and an electrical device.

1. Barrel: Made of 304 stainless steel, the barrel provides a place for mixing;
2. Rotating mechanism: It adopts cycloidal pinwheel reducer, which is located on the upper frame. When the equipment is running, the reducer drives the main shaft through the sprocket and chain, and rotates the barrel through the driving wheel;
3. Oscillating machine: It adopts worm gear reducer or cycloid reducer, which is located in the lower frame. When the equipment is running, the motor is transmitted to the reducer through the pulley or sprocket, and the upper frame is shaken by the connecting rod assembly, so that the barrel swings at a certain angle;
4. Electrical installation: The electrical control buttons and indicator lights are installed on the right side of the rack. When operating, follow the text instructions on the control box panel.

Parameter

Model	SED-1000EH
Barrel capacity(L)	1000
Max loading capacity(L)	600
Max loading capacity(kg)	300
No. of swing & rotation(r/min)	19.8
Motor power(kw)	3
overall dimensions(mm)	130×2980×1894
Total weight(kg)	1700
Barrel weight(kg)	240