

## *ZS Series High Efficient Screening Machine*



The machine is a self creation under the guidance of foreign experience to overcome insufficient capacity and problems in sieving adhesive materials. The contact area between materials and sieve frame are made with stainless steel. It adapts to sieving in Pharmaceuticals, foodstuff and chemicals.

### **Working Principle**

The high-efficiency powder sieving machine is composed of a vertical vibration motor as a whole to form an oscillation system. There are eccentric excitation weights at the upper and lower ends of the motor spindle. The eccentric excitation weight at the upper end is fixed with the main shaft of the motor, and the eccentric excitation weight at the lower end can be adjusted to different phase angles (0-90°), so as to achieve the characteristics of screening different raw materials. The material is not only subjected to a large centrifugal force, but also to the force from the vertical direction, so that the material forms a compound motion and produces a good screening effect.

### **Performance & Feature**

1. Dust-free operation.
2. Internally equipped with vibrating ball to improve the screening efficiency.
3. A rubber bowl is installed under the machine base to prevent vertical and horizontal vibration and ensure the smooth operation of the whole machine.
4. Single-layer and double-layer sieve tray. (Optional)
5. Touch screen control system. (Optional)

## Technical parameters

Model	ZS-600	ZS-800	ZS-1000
Capacity (kg/h)	80-300	150-2000	200-2900
Number Of Mesh(Mesh)	12-200	12-200	12-200
Power (kw)	0.55	0.75	1.5
Vibration Frequency (time/min)	1500	1500	1500
Overall Dimension(L×W×H) (mm)	680*600*1100	1100*950*1150	1330*1100*1280
Weight (kg)	280	320	420

Model	ZS-1200	ZS-1500
Capacity (kg/h)	300-4500	500-5000
Number Of Mesh(Mesh)	12-200	12-200
Power (kw)	2.2	3
Vibration Frequency (time/min)	1500	1500
Overall Dimension(L×W×H) (mm)	1380*1500*1320	1800*1800*1320
Weight (kg)	600	780