

» ZYQW Horizontal Airflow Screen



Description

The cylinder screen mesh of this device is placed inside the machine. The materials enter the net tube with airflow mixed and atomized after passing the screw conveying system; some of the materials are sprayed through the net and discharged from the fine stuff portal by the centrifugal force and cyclone propelling power, which are caused by the rotor vane inside the net tube. Other materials which cannot cross the net, are discharged from the rough stuff portal along the net tube wall.



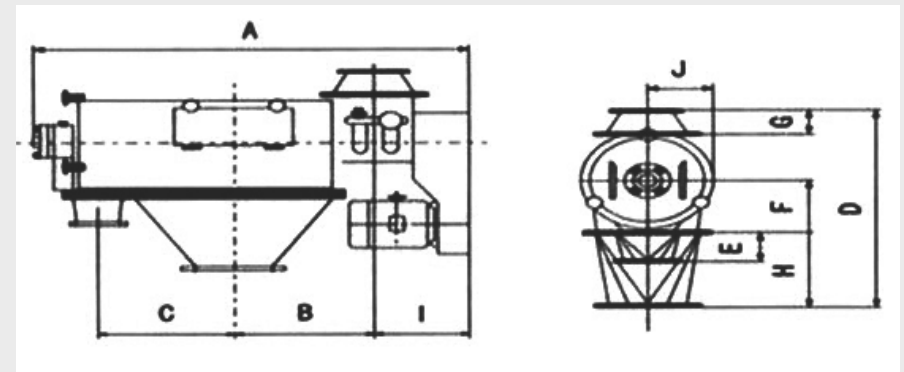
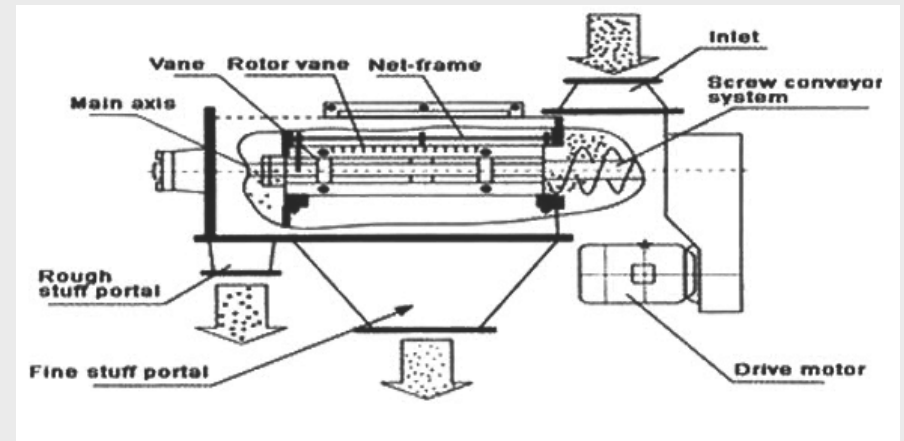
Application

The machine is available in the industries such as metallurgy, mining, pharmacy, food, chemical engineering, metal powder and nonmetal powder etc.

Feature

- 1 The whole machine is in a small size and light so that it is **stable in operation**, free from vibration and noise, and with its good sealed structure, it is free from dust and performs in **high efficiency**.
- 2 The shell of machine is in a new design which makes it **easy to install** and **convenient to control**.
- 3 The machine can operate either in a single unit or multiple units, and **it is safe** and reliable for **a long time operation**.
- 4 The screen-mesh can be **cleaned automatically by cyclone**.
- 5 The machine has the function of **re-crashing the agglomeration materials**.
- 6 The **new type roller bearing** can prolong the service life.
- 7 The machine can work with the pneumatic conveying systems, and materials can be directly sent into the wind path to **save resources**.
- 8 **New design:** The airflow protection system can transfer the purified air to the two ends of the device, which will reduce the temperature created in the operation of the device.
- 9 It will form the air-isolated layer to avoid the powder entering the bearing so as to prolong the service life of the bearing effectively, reduce the maintenance **frequency**, and **increase work efficiency**.
- 10 The machine can be **specially designed** to meet special requirements.

Structure Indication



Technical Parameter

Model	Power(w)	Sieving Diameter (mm)	Max.Exciting Force(kg)	Weight (kg)
ZYG-450	250	420	180	50
ZYG-600	370	550	350	65
ZYG-800	550	760	680	78
ZYG-1000	750	930	1000	130
ZYG-1200	1100	1130	1300	170