

» ZYC Ultrasonic Vibrating Screen



Description

ZYC ultrasonic vibrating screen adopts advanced techniques high sophisticated screening equipment. It consists of ultrasonic producer and vibrating screen. It's an important breakthrough in screening efficiency. This sieving machine adopts advanced intelligent vibrating ultrasonic controller and has solved many problems caused by single frequency, truly realizing the reasonable combination of ultrasonic function and vibration sieve.

Functional principle

The function principle of ultrasonic vibrating screen is adding an ultrasonic energy transform device on the screen surface of 3-D vibro separator and filter. This device can make the screen surface superpose ultrahigh frequency vibrational energy, so that it can keep clear of the mesh and achieve the ideal screen situation. Ultrasonic vibrating screen is usually used in screening superfine powder which the ordinary vibrating screen can not solved.



Application

As to the functional feature, it has reached the highest international level. It has prominent advantages in solving materials sieving problems such as high absorption, easy agglomeration, high static, high precision degree, light weight etc.



Special design:
With materials cabin and controller platform.

Feature

- 1 Can solve sieving difficulties such as high adsorption, easy clustering, high static, high precision, high density, light proportion, etc.
- 2 Effectively control the sieving granularity scale.
- 3 Realize the high precision sieving to achieve the best sieving effect
- 4 Screening precision can raise to 1~100%, the output can be raised to 0.5~10 times.
- 5 It can be used with single layer or multilayer.
- 6 A set of intelligent ultrasonic generator can be used with three controllers at the same time.
- 7 Self-cleaning function; 0~500m sieving, no-blocking sieving mesh, stable sieving efficiency.
- 8 Keep processed materials feature stable.

Technical Parameter

Model	Power (Kw)	Sieving Diameter (MM)	Dimension L×W×H (MM)	Layer
ZYC-400-1S	0.18	Φ320	580×580×560	1
ZYC-600-1S	0.55	Φ550	800×800×680	1
ZYC-800-1S	0.75	Φ750	900×900×780	1
ZYC-1000-1S	1.5	Φ950	1160×1160×880	1
ZYC-1200-1S	1.75	Φ1150	1360×1360×980	1
ZYC-1500-1S	2.2	Φ1450	1850×1850×1130	1
ZYC-1800-1S	2.2	Φ1750	2200×2200×1360	1

Advantage

- 1.The power can be less than 500um with more effective screening.
- 2.Increase production.
- 3.Scattered reunion thing.
- 4.Reduce the number of large particles.
- 5.In dosing or conveying process, reducing material and the container wall adhesions.
- 6.Ensure long-term clean screen.