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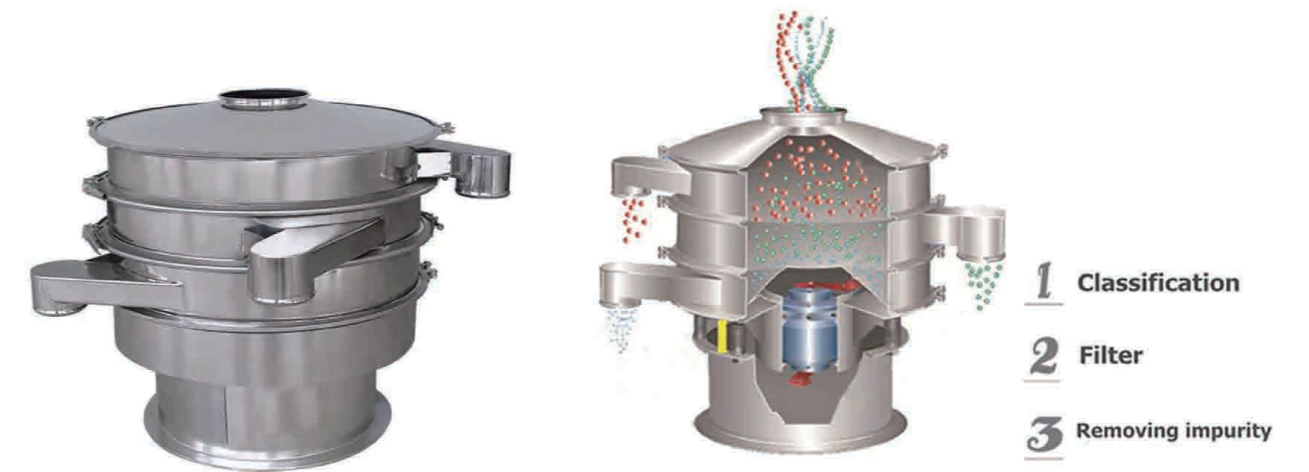
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## Screening Series

### ◆ Rotary Vibrating Screen

#### ● Introduction

Adopt the vertical vibration motor as the vibration source, Rotary Vibrating Screen is one kind of fine powder sieving machine. By means of the upper and lower hammer mounted on the vibration motor, the machine can convert the rotary motion force of the motor into three dimensional motion (Horizontal, Vertical, Inclined), then this motion will be transferred to the screen surface and realize the sieving purpose. The vibration force can also be adjusted by adjusting the upper and lower ends of the phase angle of the hammer so as to meet the different sieving accuracy requirement.



#### ● Advantage

- 1.Simple Structure, Easy Maintenance
- 2.Wide Application, Easy Operation
- 3.Grading, Filtration,Dust Removing

#### ● Parameters

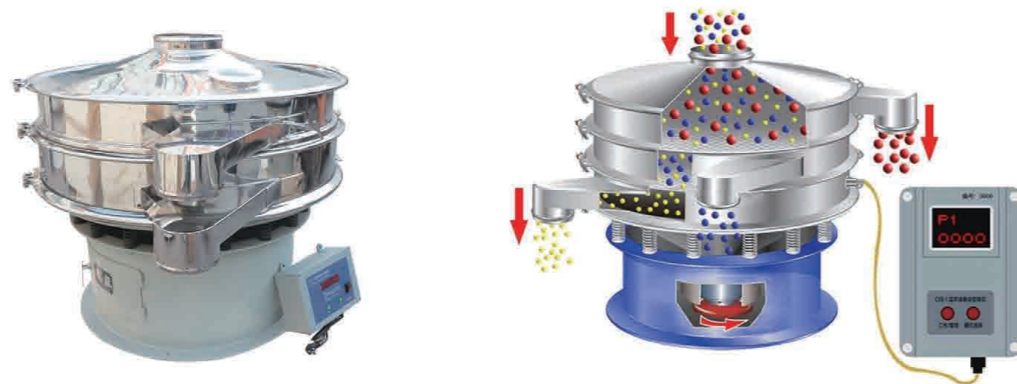
Model	Inner Diameter	Sieving Area (M2)	Screen Mesh	Layer	Power (KW)
ST-400	360	0.0907	2-500	1-5	0.25
ST-600	560	0.2289		1-5	0.55
ST-800	760	0.4183		1-5	0.75
ST-1000	960	0.6359		1-5	1.5
ST-1200	1160	0.9499		1-5	1.5
ST-1500	1460	1.5386		1-3	2.2
ST-1800	1760	2.2687		1-3	3.0

## Screening Series

### Ultrasonic Vibrating Screen

#### Introduction

Ultrasonic Vibrating Screen is a new type and high precision fine powder sieving machine, It is equipped with extra transducer system on the basis of general vibrating screen and developed for solving the sieving problems of fine powder due to strong adsorption, easy agglomeration, high static electricity, high precision, high density, light specific gravity etc. with unique technology, the ultrasonic transducer system will transmit high frequency micro vibration to the screen mesh. It is able to convert electric energy with 220V,50Hz or 110V,60Hz into high frequency electric energy with 18KHz and then puts it into ultrasonic energy exchanger to make it change into mechanical vibration for the screen surface. With the original vibration force, the sieving output, quality and capacity can be increased, the screen mesh can also do self cleaning.



#### Advantage

- 1.Ultra fine sieving available, the sieving size can reach up to 600 mesh
- 2.Efficient for hard to screen materials
- 3.Low Maintenance Cost
- 4.Self Cleaning Function

#### Parameters

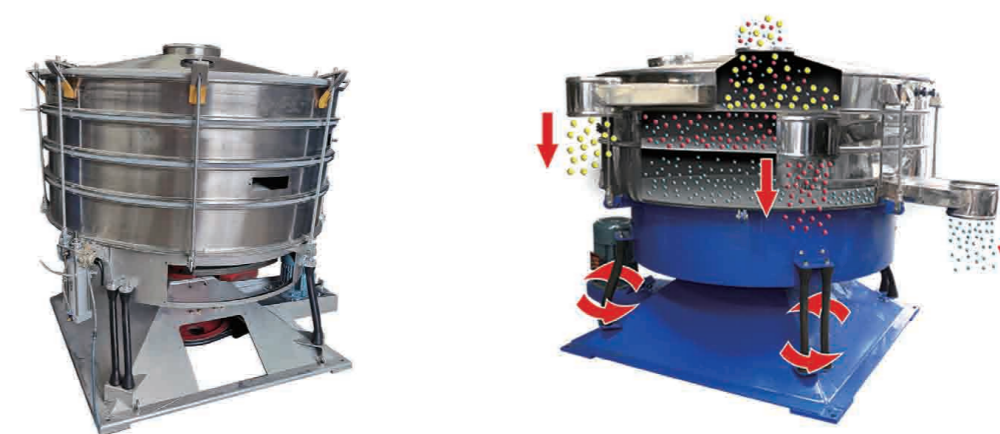
Model	STC-400	STC-600	STC-800	STC-1000	STC-1200	STC-1500	STC-1800	STC-2000
Effective diameter	Φ340	Φ540	Φ730	Φ900	Φ1100	Φ1400	Φ1700	Φ1886
Effective screening area	0.0907	0.2289	0.4183	0.6359	0.9499	1.5386	2.2687	2.7922
Sieve size	80-600mesh							
Number of layers	1-3	1-3	1-3	1-3	1-3	1-3	1-3	1-3
Power								
vibration motor	0.18	0.25	0.55	0.75	1.1	1.5	2.2	2.2

## Screening Series

### Tumbler Screen

#### Introduction

Tumbler screen is an imitated hand screening with low-frequency round swing screen machine. It's working principle is similar to manual sieving with hands. The working motion is instantaneous movement of the radial displacement and the displacement of the axis of the circular motion of the synthesis (spiral motion). It is designed to meet the requirements of large output and high-density sieving. It make use of artificial sieving movement successfully(its sieving precision,sieve efficiency and service life is 5-10 times of common sieve machine), and suitable for all the fine, ultra-fine powder and special materials, particularly suitable for materials which are difficult to classify.



#### Advantage

- 1.High efficiency: 5 times output than general screen
- 2.High Accuracy: 98% sieving purity
- 3.Multi Grade: 600MM-2600MM, 6 Grades Outlet Available

#### Parameters

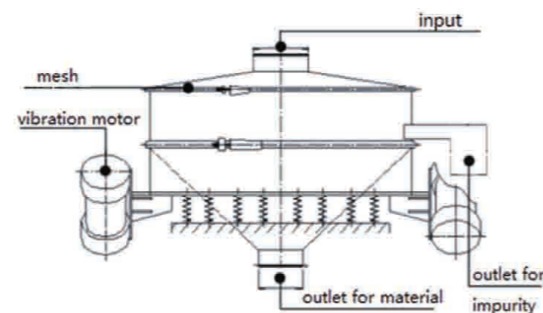
Model	Layer	Power(Kw)	Sieve Effective Diameter(mm)	Sieve Area(m2)	RPM
YBS-600	1-5	0.25	600	0.21	120-360
YBS-1000	1-5	1.5	1000	0.66	120-360
YBS-1200	1-5	2.2	1200	0.98	120-360
YBS-1600	1-5	4	1600	1.81	120-360
YBS-2000	1-5	4	2000	2.8	120-360
YBS-2400	1-4	5.5	2400	4.15	120-360
YBS-2600	1-4	5.5	2600	5.31	120-360

## Screening Series

### Direct Discharging Vibrating Screen

#### Introduction

Direct Discharging Vibrating Screen is one kind of round type straight flo vibrating screen separator. It is mainly equipped with 1 layer for 2 different powder size sieving, better performance for coarse powder screening or wet and dry scalping, like wheat flour, washing powder, starch etc . With two vibration motor mounted at both side of the machine as the vibration source and undersize outlet downward structure, It has larger sieving capacity then the general rotary vibrating screen. It is ideally suitable for prescreening in many food and pharmaceutical industry and easy to compound the production line with bag discharging station for screening of raw ingredients.



#### Advantage

- 1.Simple and compact structure , easy maintenance
- 2.High Capacity at 3-5 times output than general screen
- 3.High Accuracy at 98% sieving purity
- 4.Easy to connect with production line

#### Parameters

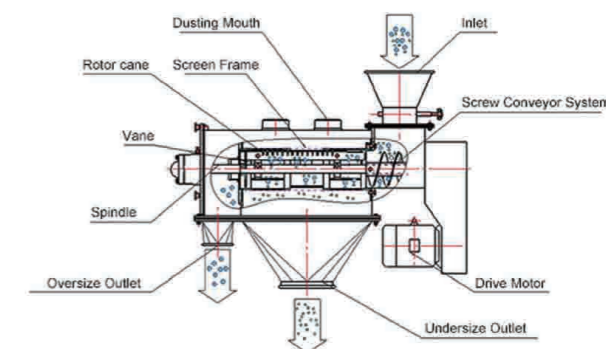
Product number	power (kW)	Motor speed (r/min)	Screen diameter (mm)	Dimensions (mm)
ZPS-600	2×0.18	1460	Φ560	1150×600×550
ZPS-800	2×0.18	1460	Φ760	1360×800×600
ZPS-1000	2×0.25	1460	Φ930	1600×1000×700
ZPS-1200	2×0.55	1460	Φ1160	2000×1200×900
ZPS-1500	2×0.75	1460	Φ1430	2350×1500×1000

## Screening Series

### Horizontal Airflow Centrifugal Screen

#### Introduction

Horizontal Airflow Centrifugal Screen is one kind of air jet sieving machine. The screen sieve is cylinder type which installed inside. When the material fed in the machine by the screw conveyor, it will be air flowed into the screen sieve. Forced by the centrifugal and cyclone push when the material passing though rotor blades of the cylindrical sieve, the undersize material will sprayed through the screen sieve and discharged from the fine outlet, the oversize material which can't sprayed through the screen sieve will discharged from the coarse outlet. It is especially suitable for soft powder.



#### Advantage

- 1.Small in size, Light in Weight, Stable in Operation
- 2.No Vibration, No Noise
- 3.Closed Structure, Dust Free
- 4.Screen cloth can clean automatically by cyclone force.

#### Parameters

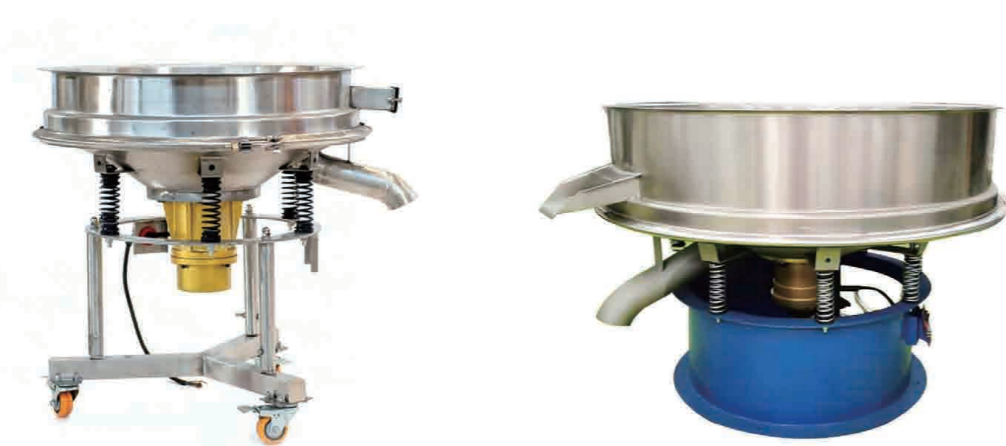
Model	Air Flow	Screen Mesh(mesh)	Cylindrical Screen Size	MotorPower(kw)
S18-65	240	5-500	180×850	1.5
S30-100	300		300×1000	3
S50-130	460		400×1200	3
S65-180	460		500×1300	4

## Screening Series

### High Frequency Vibrating Filter Screen

#### Introduction

High Frequency Vibrating Filter Screen is one kind of vibration dewatering and filtering screen machine. With high frequency vibration motor and super fine mesh screen and special outlet design, it has a wide application for slurry or pulp or liquid type filtering and dewatering. It is designed and built to solve the most difficult classifying, separating and dewatering problems, Especially better performance for ceramic mud screening.



#### Advantage

1. high efficiency and high sieving accuracy
2. Sieve plate with unique structure ,easy to install
3. Inner food grade polished surface treatment.
4. As smallest as 0.01MM mesh size.
5. Up to 1200 liter capacity.

#### Parameters

Model	Power(Kw)	Effective diameter(MM)	Packing size(mm)	Layer	Weight
GPS-450	0.25	420	580*580*660	1-2	50kg
GPS-600	0.37	560	800*800*780	1-2	65kg
GPS-800	0.55	760	900*900*930	1-2	78kg
GPS-1000	0.75	1000	1160*1160*1030	1-2	130kg
GPS-1200	1.1	1130	1360*1360*1160	1-2	170kg

## Screening Series

### 450 Vibration Filter Sieve 450

#### Introduction

450 Vibration Filter Sieve is one kind of single layer small vibrating screen filter, it has a wide application in small business or home use for powder or particle classification or liquid filtration, such as filter juice, milk, soybean milk and other liquid and powder material in food, chemical and other industries. It consists of machine body, vibration motor, outlet hopper, sieve griddle-control device.



#### Advantage

1. Small size, light weight, easy to move,
2. simple operation, easy maintenance
3. Unique grid design, no slurry leakage, easy to change and clean

#### Parameters

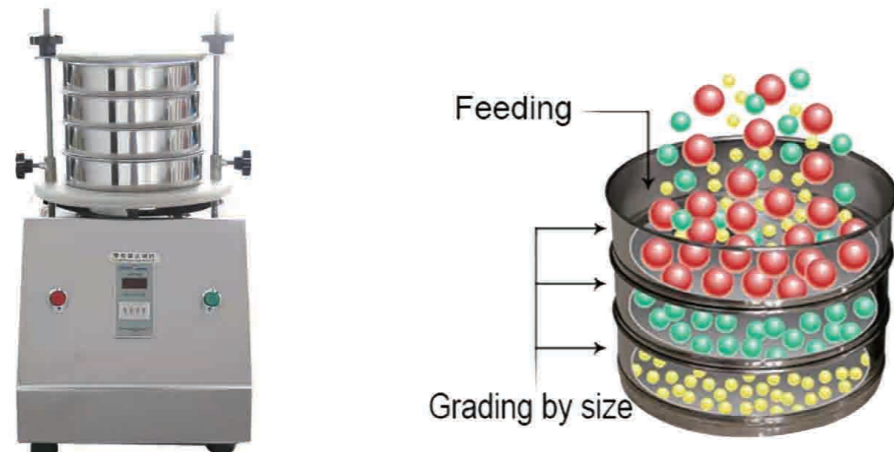
Type	Power	Valid screen diameter	Machine Size	Sieve size	Weight
ST-450	0.18kw	380mm	500*500*660	0.038-3mm	50kgs
ST-550	0.35KW	480mm	600*600*650	0.038-3mm	80kgs

## Screening Series

### Test Sieve Shaker

#### Introduction

Test Sieve Shaker is a one kind of powder size analysis instrument, it's widely used in scientific laboratories, quality inspection department and other test department for granularity analysis, particle size distribution analysis, as well as measurement analysis of impurity percentage, different material proportion, solid content or liquid content of products.



#### Advantage

1. Automatic shutdown at regular time
2. Light weight, small size, low noise, easy moving.
3. Time setting makes sure the accuracy of testing data.

#### Parameters

Items	Name	Unit	Data
1	Layers	Layer	1~8
2	Diameter	Mm	Φ100 Φ200 Φ300 Φ400
3	Granularity	Mm	0.038-3
4	Noise	DB	≤50
5	Feeding capacity (once)	G	≤200g/ml
6	Amplitude	Mm	≤5
7	Voltage	V	110V-240V
8	Speed	R/min	1420
9	Power	Kw	0.12
10	Overall dimension	Mm	450×415×800
11	Weight	Kg	45
12	Timing	Min	1-15

## Screening Series

### SLAP SIEVE SHAKER

#### Introduction

Slap Sieve Shaker is another type of test sieves which is widely used for super hard granularity size analysis or sample analysis in metallurgy, geology, building, chemical, abrasives industries, it is also called Flapping sieve shaker. It is mainly composed of motor base, sieve set and transmission mechanism. It is equipped with special fixture, not only can assemble Φ200 standard test sieves, but can assemble sieve set of Φ75 and Φ100.



#### Advantage

1. More efficient: Two working motion at reciprocating and top beating vibration combined
2. 1-99 mins power controller: Time can be setting and can auto shut down to check the consistency of production
3. Gear drives the synchronous belt working, the speed is accurate and the consistency is good.

#### Parameters

Model No.			SLP-200	SLRM-200(With Monitor)
Screen Diameter		mm	200; 100; 75mm	200; 100; 75mm
Layers		Pcs	1-7	1-7
200mm sieve frame		Set	1	1
Number of rotations		Times/min	290±6RPM	310±6RPM
Slapping times		Times/min	156±3RPM	170±3RPM
Slapping height		Mm	38±6	38±6
Stroke		Mm	25mm	16mm
Base Levelness		Mm/min	≤0.6	≤0.6
Motor	Power	KW	0.55	0.55
	Speed	R/M	1400	1400
	Voltage	V	220V-380V	220V
Machine Size		Mm	560*400*730	700*450*680
Net Weight		Kgs	75kgs	75kgs

## Screening Series

### Linear Vibrating Screen

#### Introduction

Adopts double vibrating motors as vibration source, Linear Vibrating Screen is a kind of closed and light weight industrial vibrating sieve equipment. When working, the two motors spin in opposite directions, the eccentric blocks at the ends of motor produce vibration force. Under the action of vibration force, the screen box which supported on the four compression spring produces a continuous linear vibration. In the process of the movement, the materials do the projectile motion and keep going in a straight line at the same time. The materials enter in from the inlet, go through the multi-layer screen, then different size of materials was separated out from different outlet. It can be equipped with single or multi-decks to achieve different purposes like grading, removing impurity, removing dust, testing, washing selecting, dehydration, etc.



#### Advantage

1. Low energy consumption, high efficiency.
2. Full closed structure, no dust flying.
3. Sieving accuracy reach to 200 mesh (0.074mm), 6 layers.
4. Simple and convenient for changing and cleansing mesh screen
5. Less blocking of mesh screen

#### Parameters

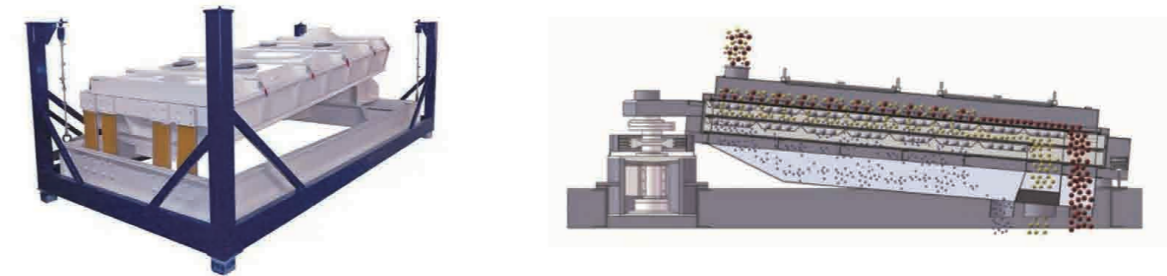
Model	Sieve Size (mm)	particle size	Screen surface inclination (°)	amplitude (mm)	layer(s)	power(kw)
ST520	500×2000	0.074-10	0° -10°	3-8	1-7	2×(0.37-0.75)
ST525	500×2500					2×(0.37-0.75)
ST530	500×3000					2×(0.55-1.1)
ST535	500×3500					2×(0.55-1.1)
ST1020	1000×2000					2×(0.55-1.1)
ST1025	1000×2500					2×(1.1-1.5)
ST1030	1000×3000					2×(1.1-1.5)
ST1035	1000×3500					2×(1.5-2.2)
ST1040	1000×4000					2×(1.5-2.2)
ST1225	1200×2500					2×(1.5-2.2)
ST1230	1200×3000					2×(1.5-3)
ST1235	1200×3500					2×(1.5-3)
ST1530	1500×3000					2×(2.2-3)
ST1535	1500×3500					2×(2.2-3)
ST1540	1500×4000					2×(2.2-4)

## Screening Series

### Gyratory Screener

#### Introduction

Gantory Screener is designed to provide precise and accurate sieving of material ,it adopts eccentric mechanism which drives the material on the screen surface do uniform gyratory reciprocating swing motion. The screen case with an inclination of 4-9 degrees, the materials are spread and stratified on the full screen surface, it working begins with a horizontal circular motion, gradually changes to elliptical motion at the center, keeping the material in constant contact with the screen surface without deterioration and finally to a straight-line motion at the discharge end flow out from each outlet.



#### Advantage

1. Fast Locking Device easy to open the cover to inspect and maintain machine.
2. Belt Actuating Device: Adopts belt driving, move smoothly, lose noise.
3. Viewport Design for observing sieving process.
4. Bouncing Ball Cleaning System and PU rings for cleaning screen easily.

#### Parameters

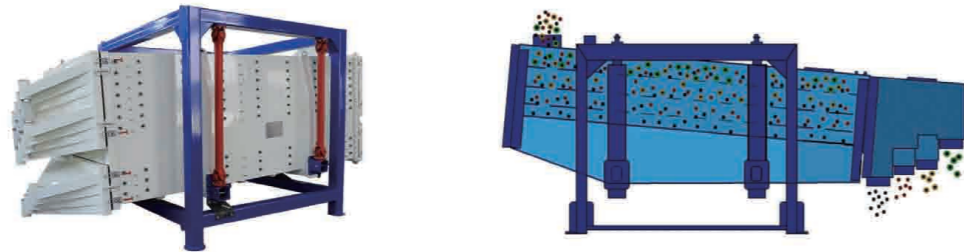
Model	Screen Surface Area (m2)	Layers NO.	Feeding Size (mm)	Amplitude (mm)	Frequency (r/min)	Model of Motor	Power (Kw)
PXZS1225	1200x2500	1-3	<15	75-90	1450	Y132S-4	5.5
PXZS1230	1200x3000	1-3	<15	75-90	1450	Y132S-4	5.5
PXZS1236	1200x3600	1-3	<15	75-90	1450	Y132S-4	5.5
PXZS1525	1500x2500	1-3	<15	75-90	1450	Y132S-4	5.5
PXZS1530	1500x3000	1-3	<15	75-90	1450	Y132S-4	5.5
PXZS1536	1500x3600	1-3	<15	75-90	1450	Y132S-4	5.5
PXZS1830	1800x3000	1-3	<20	75-90	750	Y160L-8	7.5
PXZS1836	1800x3600	1-3	<20	75-90	750	Y160L-8	7.5
PXZS1840	1800x4000	1-3	<20	75-90	750	Y160L-8	7.5
PXZS2036	2000x3600	1-3	<20	75-90	750	Y160L-8	7.5
PXZS1840	2000x4000	1-3	<20	75-90	750	Y160L-8	7.5

## Screening Series

### Rectangular Swing Screen

#### Introduction

The rectangular swing screen, also known as the square swing screen, is a high-efficiency screening equipment with high precision and large output. Through the square swing vibrating screen, the whirling motion of the exciter is transmitted to the screen surface, so that the material is quickly dispersed in the front of the screen, so as to achieve the purpose of efficient screening. The square swing screen adopts many new technologies and standardized design schemes, which can be combined with production conditions and different customer needs to achieve multiple combinations. The dust cover and the power transmission plate of the vibration exciter are stamped and formed by a large press at one time, which increases the strength and reduces the weight of the equipment. The plates are made of high-quality cold-rolled plates, which are more unique in mechanical design and achieve a design concept of high efficiency and energy saving.



#### Advantage

1. unique multi-layer classification design, one machine is divided into two groups, one machine can be used for multiple machines, and the output is doubled.
2. Fully enclosed structure, dust does not fly, the screen machine has low vibration and low noise, and meets environmental protection requirements.
3. Excellent self-cleaning effect, high utilization rate of the screen, long life and good sealing effect.

#### Parameters

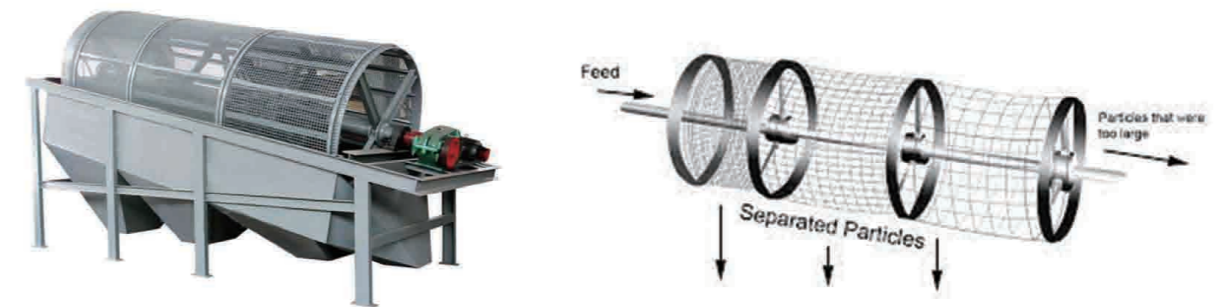
Model	Sieve Size(mm)	Power(KW)	Inclination (Degree)	Layers	Rate of frequency (r/min)	Screen Box movement distance(mm)
FXS1030	1000*3000	3	5	1-6	180-264	25-60
FXS1036	1000*3600	3	5	1-6	180-264	25-60
FXS1230	1200*3000	4	5	1-6	180-264	25-60
FXS1236	1200*3600	4	5	1-6	180-264	25-60
FXS1530	1500*3000	5.5	5	1-6	180-264	25-60
FXS1536	1500*3600	5.5	5	1-6	180-264	25-60
FXS1830	1800*3000	7.5	5	1-6	180-264	25-60
FXS1836	1800*3600	7.5	5	1-6	180-264	25-60

## Screening Series

### Trommel Screen

#### Introduction

Trommel Screen is generally known as revolving drum screen, it is usually for coarse sieving in mineral, organic fertilizer industry. The drum device of the tumbler screen is mounted on the frame at an angle. The electric motor is connected to the drum device by coupling through the reducer, and drives the drum device to rotate around its axis. The Cylinder sieve of tumbler screen is generally divided into several sections, and there will be in different apertures from small to large on each section. According to specific production request, the tumbler screen can be designed as shafted type and shaftless type. When the materials are fed into the drum, the materials are classified, while the bigger materials flow forward along the inclination of drum and was classified through different mesh screens gradually. Classified small materials fell into respective bunker, and are delivered into finished product stack through manpower or belt conveyor.



#### Advantage

1. Screen holes are not easily blocked.
2. Smooth operation, low noise.
3. Simple structure, easy maintenance.
4. Sieving cylinder can be closed, easy to enclose dust collection.

#### Parameters

Model	Length range (m)	Screen segments	Mesh range (mm)	Power (kw)	Degree of tilt	Max Size (mm)	Drum speed (r/min)	Handling capacity (m3/h)
GTS600	2~4	1~3	5~35	2.2~3	7°	35	20	10
GTS800	2~4	1~3	5~40	2.2~5.5	7°	45	18	14
GTS1000	2~6	1~4	5~45	3~7.5	7°	60	16	16
GTS1200	2~8	1~4	5~50	4~11	7°	70	15	20
GTS1500	2~8	1~4	5~55	4~15	7°	80	12	32
GTS2000	2~9	1~4	5~60	5.5~18.5	7°	90	8	45