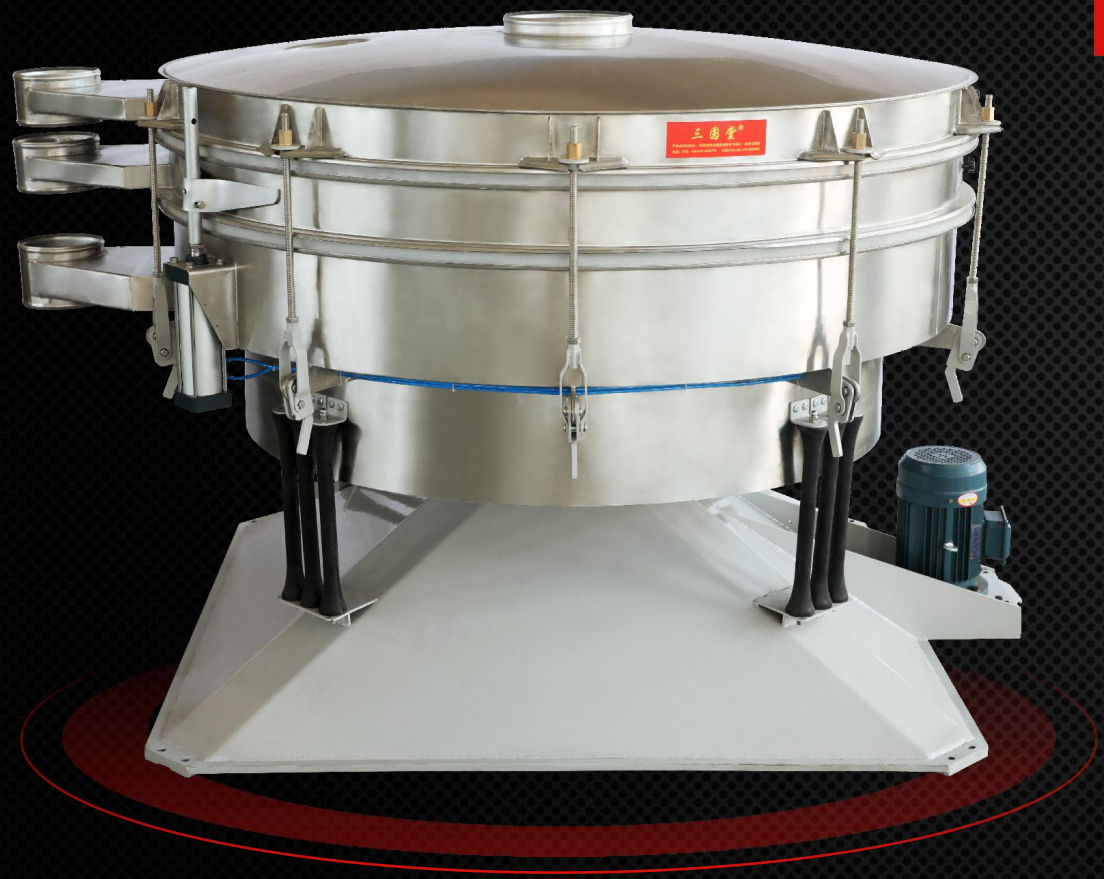
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Round swing screen

Imitate manual sieving, flexible screening, large capacity.

The circular swing screen is by far the most effective screening machine that imitates human manual movements and processes. Its unique design structure cleverly combines screen-(planar circular motion) and winnow-(upward parabolic motion) to pass adjust the radial angle and tangential angle to achieve the best screening effect you require.

- Imitation manual screening
- Multiple clearing
- Good sealing



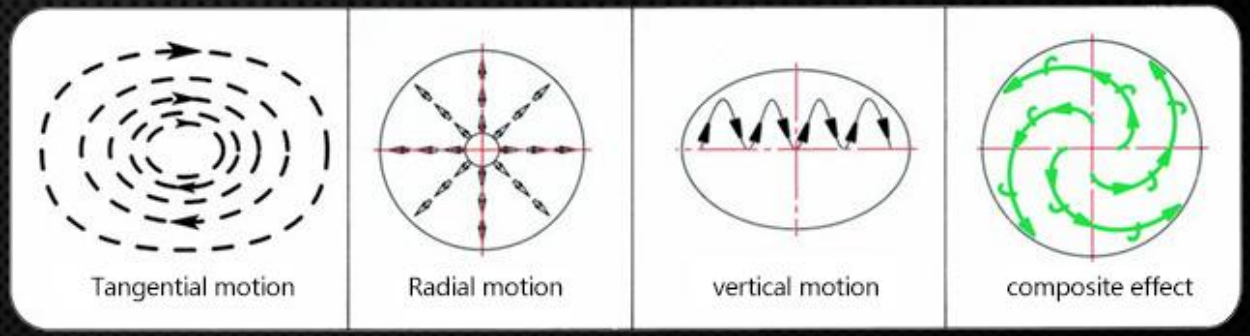




WORKING PRINCIPLE



The Round Swing screen is a highly efficient type of screen designed to satisfy customers' needs for large production and fine screening. The simplest form of sieving is using your hands to sieve with your eyes, and the swing screen is the mechanical simulation of this process. It is the most effective simulation of the principle of artificial sieving (screening accuracy, efficiency, and screen life are 5-10 times better than conventional round screens). It meets all fine and ultra-fine ranges of powder and particulate materials, especially those that are difficult to process.



* Material movement and resultant effects on the swing screen surface

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WORKING PRINCIPLE

The key points of quality control of equipment cover the entire process from equipment design, production, installation and debugging to improvement and update.

Design

Clear requirements: simulate artificial swing to ensure accurate equipment design requirements.

Production

Formulate and strictly implement the production process, and achieve quality control in multiple aspects of self-inspection, mutual inspection, and special inspection during the production process.

Installation and commissioning

Install the equipment as per the drawings and specifications, and thoroughly test to ensure all functions are normal and performance is stable.

Keep improve

Based on equipment operation conditions and technological development, necessary technical modifications and upgrades are made to the equipment to improve equipment performance and reliability.

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01

Vibration Motor Power Source

The vibration motor provides the main power for the swing screen and serves as the source of vibration.

02

Rubber Tension Spring

Mainly used for circular swing screen stretching in four directions and realise gentle screening.

03

Cylinder and Quick Clamp

The clamp is opened, raised with one click, and the screen can be changed quickly

04

Inlet

Support customization, and an internal feeder can be added to improve the screening effect

05

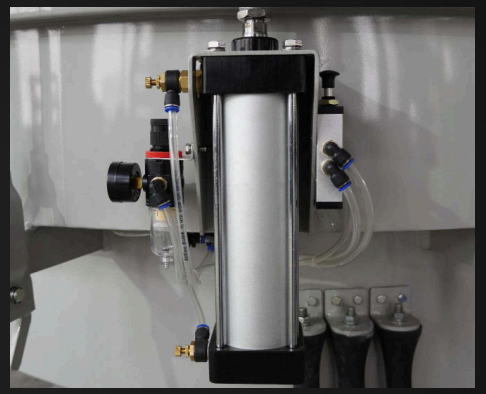
Discharge Port

Easy to install, customized in several layers according to customer needs

DETAILS SHOW


Discharge port


Motor

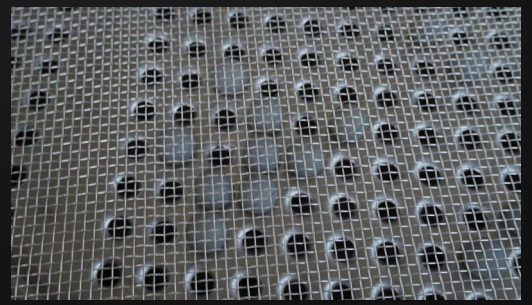

Cylinder


Quick clamp

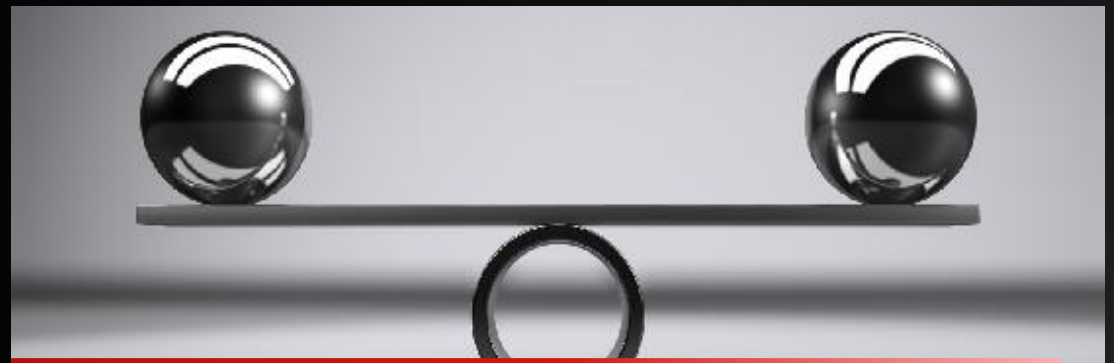

Rubber tension spring


Inside the discharge port


Inlet


Screen and bouncing ball

HILIGHTED PATENTED FEATURES



High Stability

- The circular swing screen adopts a unique manual-like screening method and provides flexible screening. The design of the rubber tie rod ensures the smooth operation of the equipment.



Good Environmental Protection

- The integrated molding technology of key parts and high-efficiency laser cutting technology make the operation of various parts of the machine highly coordinated, low-noise, and highly environmentally friendly.

FEATURES

Accurate to 6 layers separation, screening efficiency as high as 90% -99%

High Screening Efficienty

Use the efficient equipment system for cleaning the mesh like silicone rubber ball, ultrasonic ,etc. The mesh will not clog.

Prevent Clogging

Vibrating speed is 4-5 times lower than the vibrating screen, so the longer life of screen parts and less maintain.

Low Maintenance Cost

Low noise<75db. Optimize the weight balance, the foundation dynamic load is low. Closed dedusting, safe operation.

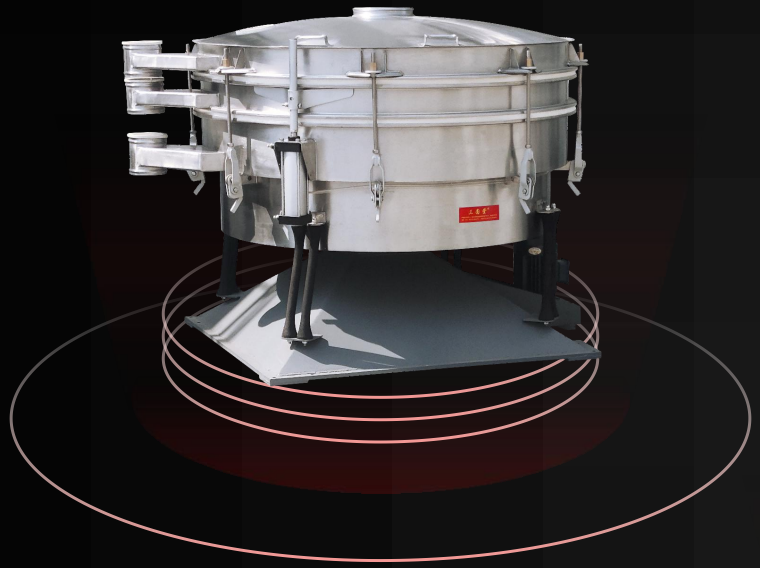
Environment Friendly

MODEL AND SPECIFICATIONS

Equipment model	YBS1000	YBS 1200	YBS 1600	YBS 2000	YBS 2200	YBS 2600
diameter(mm)	1040	1250	1580	1880	2100	2650
Screening area(m^2)	0.71	1.11	1.83	2.62	3.46	5.31
Space requirement (m^3)	1.2	1.6	2.5	4	4.84	7
Maximum screen layer	5	5	5	5	5	5
Motor power	1.5	2.2	2.2/4	2.2/4	3/4	5.5

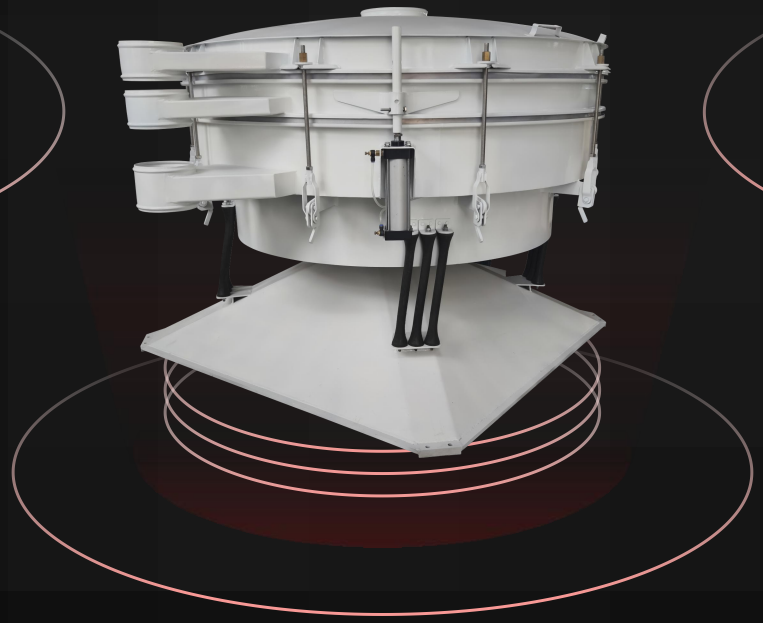
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SHOW CASE



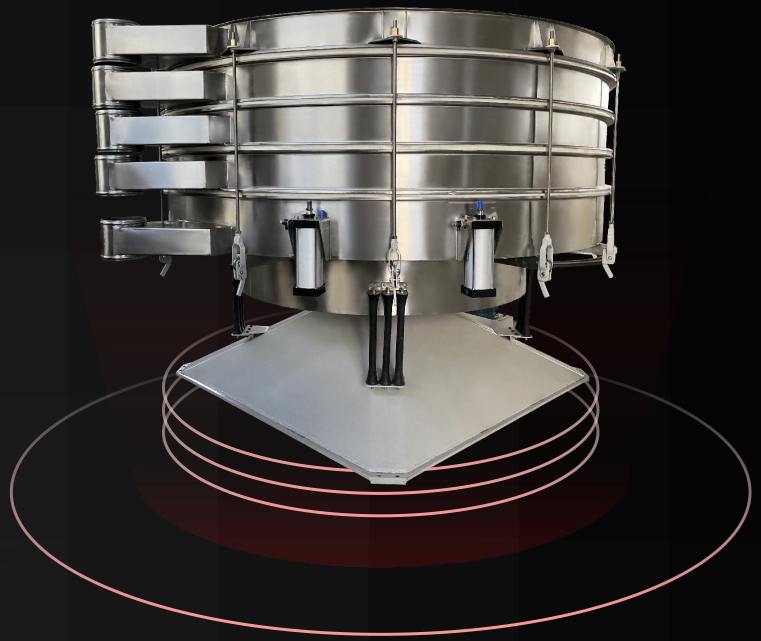
YBS 1600 2-Layers

01



YBS 2000 2-Layer

02



YBS 2600 4-Layers

03

APPLICATION

Chemical Industry

Resin, alkali coating, rubber powder, industrial drugs, traditional Chinese medicine powder rubber particles, cosmetics, aluminum chloride solution, paint, etc.

Food Industry

Sugar powder, soy starch, steviol glycosides, salt, rice flour, rapeseed, milk powder, soy milk, egg powder, soy sauce, juice, etc.

Metallurgy Mining

Limestone, metal ore, cryolite, kyanite, magnesite, mica, quartz sand, quartzite, dolomite, kaolin, silica, graphite, diabase

Pollution Treatment

Resin, alkali coating, rubber powder, industrial drugs, traditional Chinese medicine powder rubber particles, cosmetics, paint powder, etc.

























Product display

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THE SERVICES WE CAN PROVIDE

Sanyuantang Machine Co., Ltd. has been engaged in foreign trade export for more than 10 years. Its rich export experience ensures that you have worry-free purchasing.

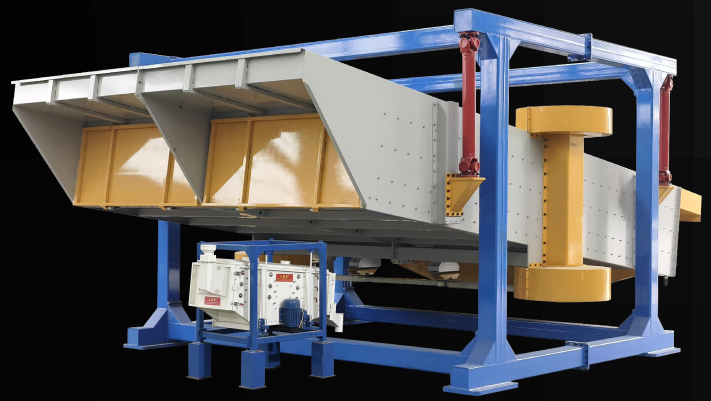
When you cooperate with us, you can enjoy:

① Timely response through various communication tools.

② Professional technical guidance to choose the most suitable product for you.

③ Economical transportation scheme to cut down transportation cost.

④ Thoughful after-sales tracking service from the installation to the daily maintanence.







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