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DUAL SOURCE ROTARY VIBRATING SCREEN

Screening was upgraded again and output increased again

The dual-source square swing screen has been upgraded again based on the original single-source square swing screen. It has better screen cleaning effect, thereby reducing the number of screen changes and greatly reducing customer production costs.

- 1. Yield increased by 1.2-1.5 times
- 2. Improved network cleaning effect
- 3. Screens are more durable
- 4. Reduced production costs

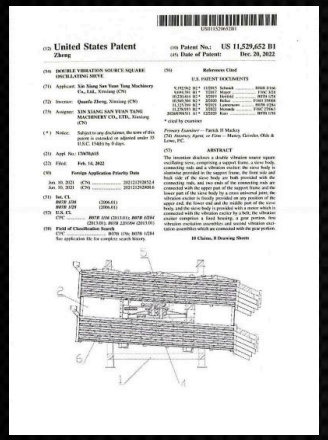






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PARTIAL PATENT CERTIFICATE



















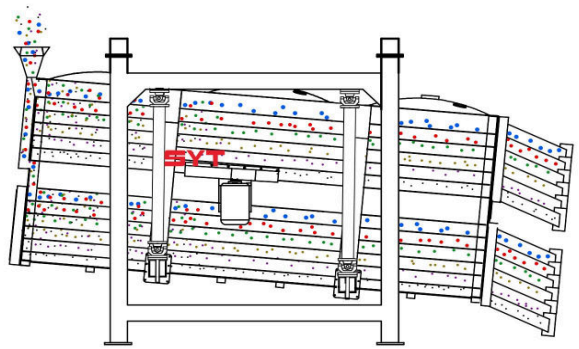


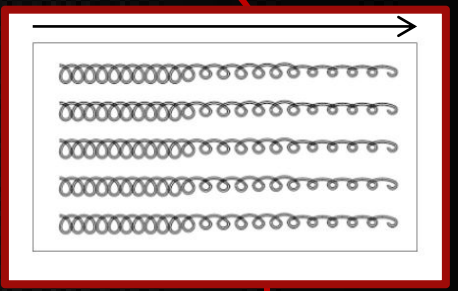


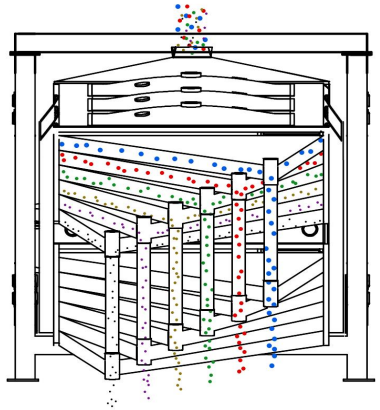


WORKING PRINCIPLE

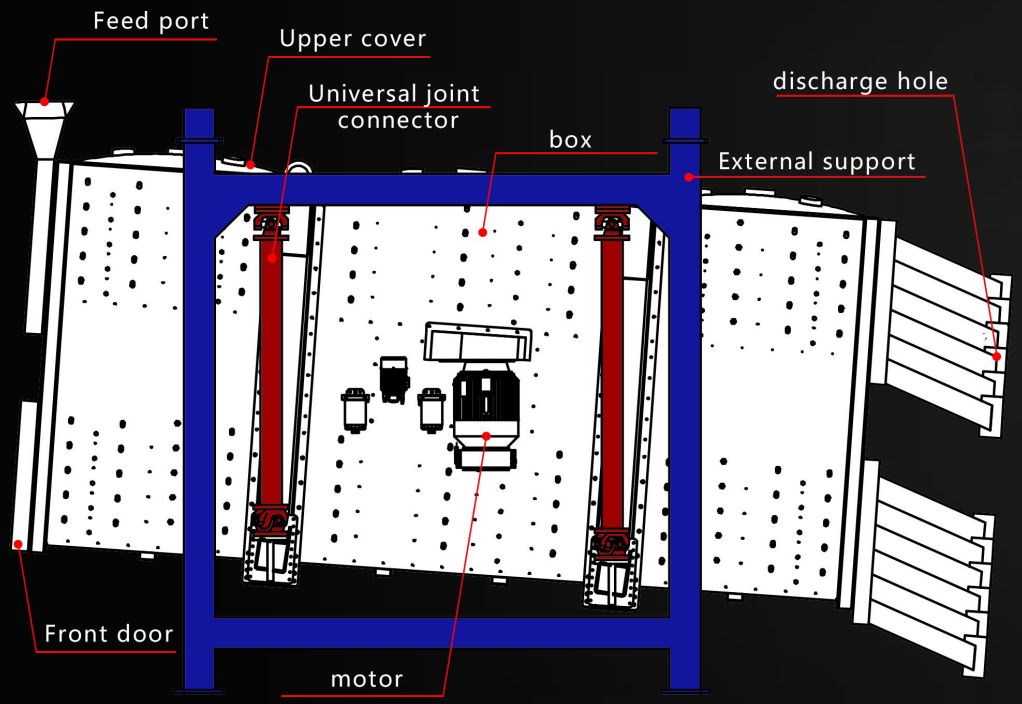
After the equipment is started, the vibrating body of the screen machine, that is, the screen box, reciprocates under the action of inertial force. The screen box drives the screen surface to shake periodically, causing the materials on the screen surface to make directional jumping motions together with the screen box. . During this period, materials smaller than the size of the screen holes fall to the lower layer through the screen holes and become under-screen materials. Materials larger than the screen hole size are discharged from the discharge port through continuous rolling and jumping movements, thereby completing the screening work.







STRUCTURES



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

External support → Welded with selected high-quality carbon steel, it is strong and reliable, ensuring the smooth operation of the square swing screen

Feed port → The decentralized design in the feed port ensures that materials are evenly dispersed after entering.

discharge hole → Grading outlet, the number of layers can be customized according to customer needs

Universal joint connector → Four universal joints connect the box, and combined with the exciter, make the box perform rotary reciprocating motion.

DETAILS SHOW



Material entrance



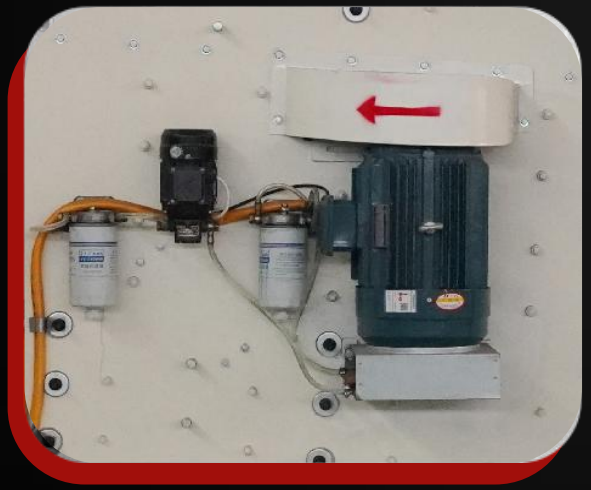
Material export



Screen



silicone bouncing ball



Vibration motor



Universal joint connector



sealing strip



sealing strip

FEATURES

01

up to 5 times capacity than the ordinary same model of linear vibrating screen.

02

the screening accuracy is as high as 90%-99%, much higher than traditional vibrating screen.

03

High effeciency cleaning device with anti-clogging cleaning device to protect the mesh from being blocked.

04

Changing the net is more convenient, easy to operate, firm and reliable.

FEATURES

05

Long-life free oil injection axle: the motor is equipped with free oil injection axle and the axle has the 2-3 time usage life than common axle.

06

Unique materials leakage prevention function:the machine is equipped with Unique materials leakage device to make sure the inputed materials have no leakage.

07

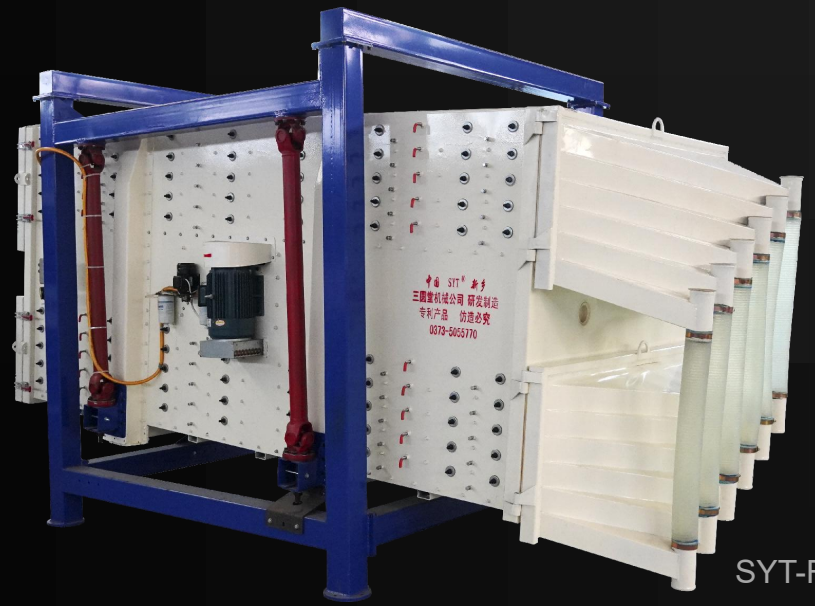
Large-scale electrostatic spraying process makes the equipment more beautiful, wear-resistant and rust-proof.

08

Environmental Friendly:Fully enclosed structure, dust does not fly, and the screen machine has small vibration and low noise (less than 75 decibels), which meets environmental protection requirements

MODEL AND SPECIFICATIONS

Equipment model	Mesh size	Screening area (m²)	Screen Angle °	Number of screen layers	Power (kw)	Allowable number of turns	Screen box travel (mm)
SYT-FYBS 1536	1.5m*3.5m	5.25-9	5.4±3	1-10	5.5	180-260	60-25
SYT-FYBS 2040	2m*4m	8-9	5.4±3	1-10	7.5	180-260	60-25





SYT-FYBS 2040 Double five-story

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.

Metallurgical 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, aluminum chloride solution, paint, etc.

















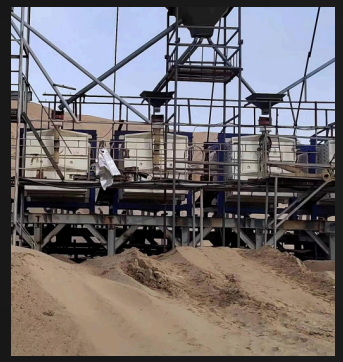


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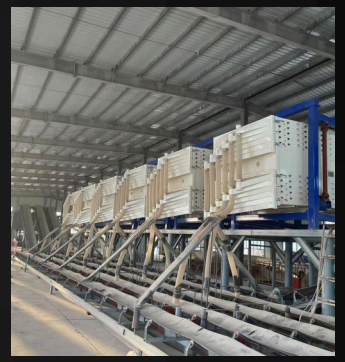
CASES

















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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.

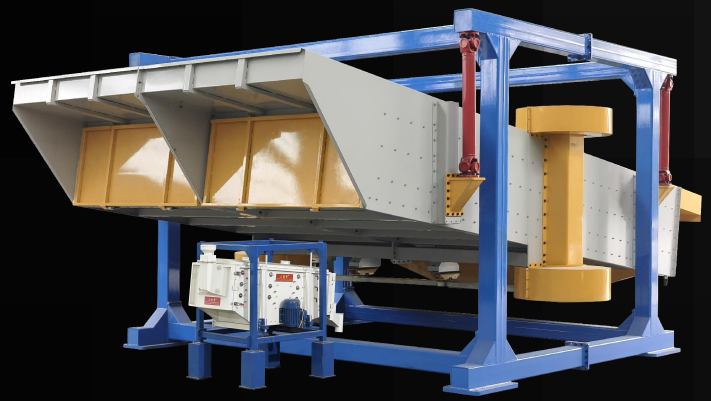
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② Professional technical guidance to choose the most suitable product for you.

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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