

COMPACT SQUARE SWING SCREEN

high-yield, high-precision , the perfect replacement for ordinary linear screens

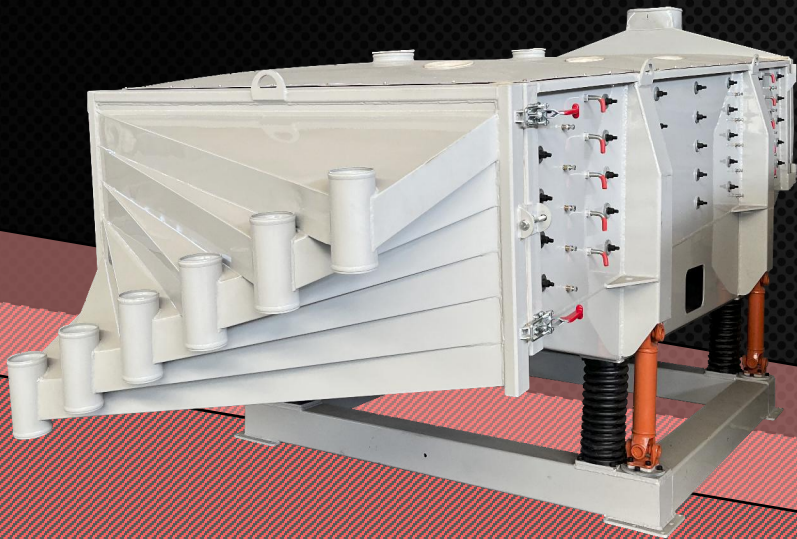


- 🔥 Large-scale electrostatic spraying process
- 🔥 Excellent self-cleaning net effect
- 🔥 High screen utilization and long service life
- 🔥 Patented product





WORKING PRINCIPLE



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

STRUCTURES

01.

Vibration Motor

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

02.

Feed port

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

03.

Discharge hole

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

04.

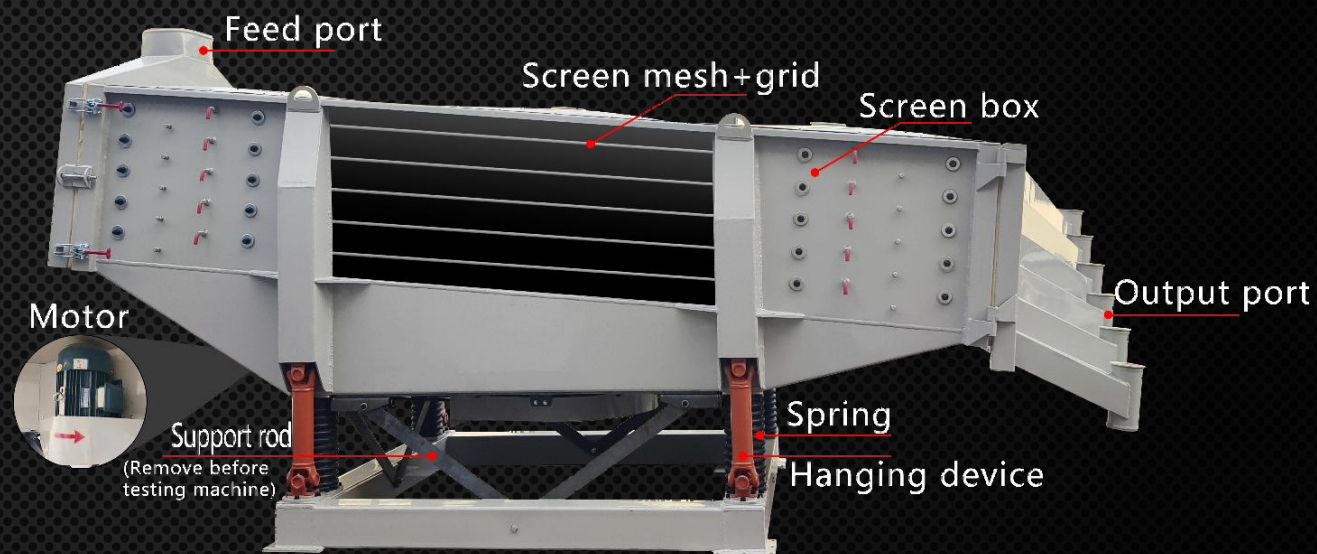
Spring and Hanging device

The combination of the two enables the equipment to rotate evenly and is durable.

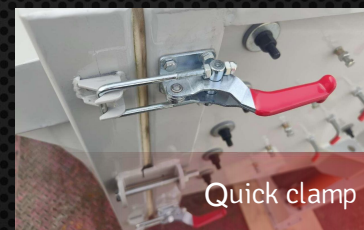
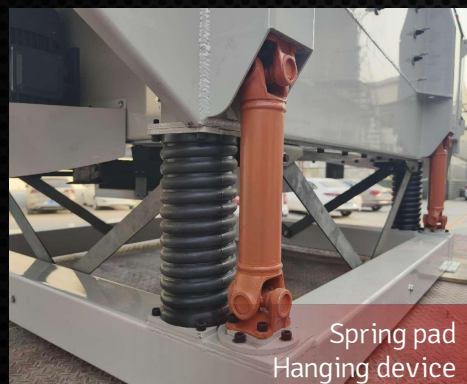
05.

Screen

Selected high-quality national standard screen mesh, durable.



DETAILS SHOW



**DETAILS DECIDE
THE QUALITY**

Comparison With the Common Square sieve



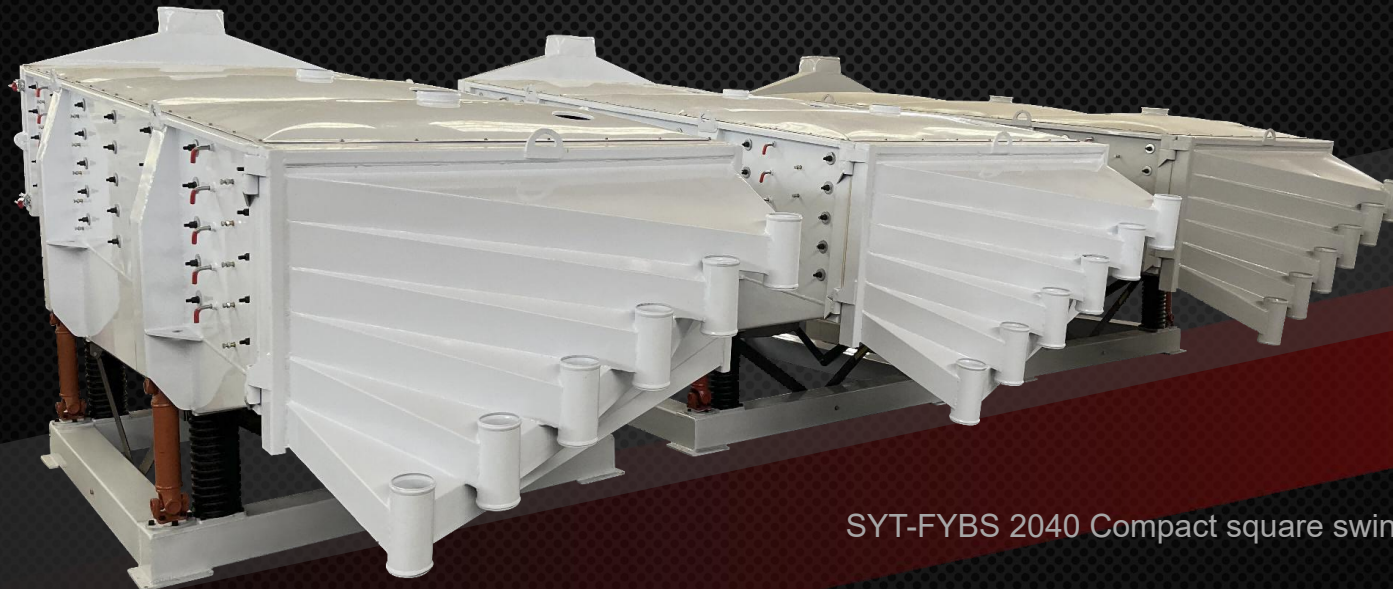
	Length (mm)	width (mm)	height (mm)	Advantage
Compact square swing screen2040	4840	2166	1930	It occupies a small area and can directly replace the linear screen, and has greater screening effect and output than the linear screen.
Single 5-layer square swing screen2040	4860	2670	2401	Large frame support, high stability

FEATURES



MODEL AND SPECIFICATIONS

Equipment model	Mesh size	Screening area (m ²)	Screen Angle °	Number of screen layers	Power (kw)	Allowable number of turns	Screen box travel (mm)
SYT-FYBS 1536	1.5m*3.6m	5.25-5	5	1-5	4	180-260	60-25
SYT-FYBS 2040	2m*4m	8-5	5	1-5	5.5	180-260	60-25



SYT-FYBS 2040 Compact square swing screen

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, soymilk, 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.



Grain



Flour



Medicine Powder



Pills



Paint Coating



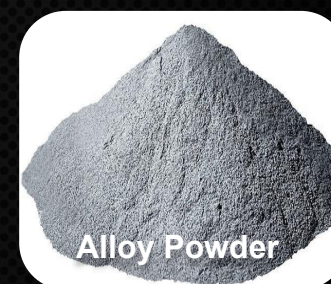
Rubber Particles



Metal Powder



Kaolin



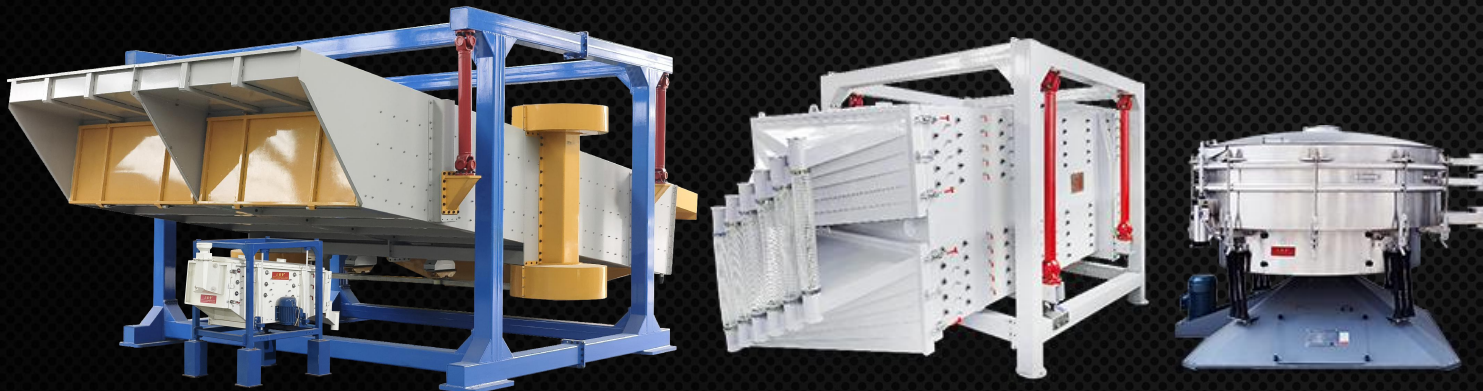
Alloy Powder

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