

WFBS-F

- Distribution screen -F series is also known as square swing screen. Distributed screen -F is a specially designed high-precision and high-efficiency screening equipment, which is widely used in chemical industry, metallurgy, non-ferrous metals, non-ferrous metals, food, abrasives and other industries.
- Equipment material: all stainless steel, material contact stainless steel, all carbon steel.
- Clearing method: bouncing ball clearing.
- Number of layers: up to 5 layers



■ Working principle

The Distribution screen WFBS-F series is generally horizontal or slightly inclined, and the inclination Angle is 0° - 5° . While started, the screen body moves back and forth under the action of inertial force, and the screen box drives the screen surface to shake periodically, so that the material on the screen surface makes directional leaping movement with the screen surface, and the material less than the screen surface diameter falls to the lower layer through the screen hole and becomes the material under the screen surface diameter. The material larger than the screen surface diameter is discharged from the discharge port after continuous tumbling and jumping movement. Finally finish the screening work.

■ Technical characteristics

1. High screening efficiency: The square swinging screen adopts a unique screening principle and movement trajectory, so that the material stays on the screen surface for a long time, and the screen surface adopts elliptical curve movement, so that the material can be fully dispersed and in contact with the screen, thereby improving the screening efficiency.
2. Large processing capacity: the square swinging screen has a large screening area and efficient screening capacity, which can handle a large number of materials.
3. Modular design, easy maintenance: The square swinging screen adopts a modular design, the connection between the various parts is tight and easy to disassemble.
4. Easy to move: The square swing screen can be selected according to user needs single cylinder or multi-cylinder hydraulic drive, easy to move.

■Application



Chemical industry

Particle size classification: Melamine particles are classified, different particle sizes are used for different industrial uses or product formulations, for melamine plates, the appropriate particle size of melamine particles is needed to ensure the quality and performance of the plate.



Metallurgical industry

Metal powder screening, distribution screen F precisely screens metal powder to ensure powder fluidity and formability.



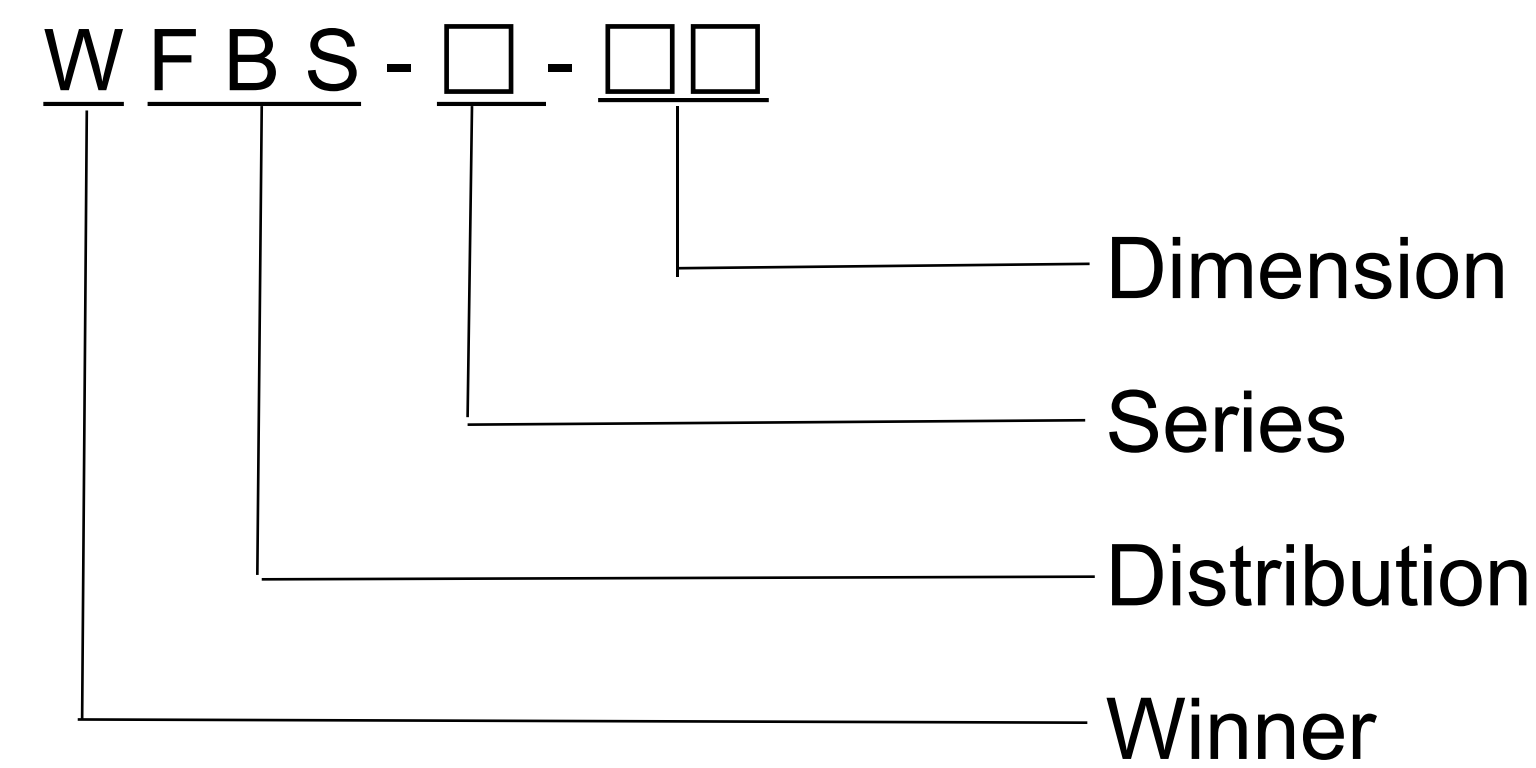
Building materials
industry

Screening classification: For the production of high-quality construction sand, it can screen out 0-3mm, 3-5mm and other different styles of limestone sand to meet the precise requirements of the construction industry for sand particle size.

■WFBS-F Technical data sheet

Item	WFBS-F-1030	WFBS-F-1036	WFBS-F-1230	WFBS-F-1236	WFBS-F-1530	WFBS-F-1536	WFBS-F-1830	WFBS-F-1836	WFBS-F-2030	WFBS-F-2040
Screen area (Single m ²)	3	3.6	3.6	4.32	4.5	5.4	5.4	6.48	6	8
Inclination Angle °	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8	5-8
Frequency r/min	180-260	180-260	180-260	180-260	180-260	180-260	180-260	180-260	180-260	180-260
Layer Number N	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5	1-5
Travel Distance mm	25-60	25-60	25-60	25-60	25-60	25-60	25-60	25-60	25-60	25-60
Power Kw	3	3	4.0	4.0	5.5	5.5	7.5	7.5	7.5	11

Model description



Application



WFBS-X Technical Datasheet

Name	序号	Series	Description
Distribution Screen Series	1	WFBS	Distribution vibrating screen
	2	WFBS-X	Circular, three-dimensional motion vibrating screen
	3	WFBS-P	Round, vertical blanking
	4	WFBS-Y	Circular swiing motion vibrating screen
	5	WFBS-Z	Linear light vibrating screen
	6	WFBS-F	Square type, circular movement vibrating screen
	7	WFBS-H	Square, gradient trajectory movement vibrating screen
	8	WFBS-D	Multi-layered, high-frequency stack sizer