

Jiangyin Baoli Machinery Manufacturing Co., Ltd
Address: No.9 Xinda Road, Zhutang Town Jiangyin City, Jiangsu Province, China
TAO TAO: +8613812119520 (WhatsApp & WeChat)
Email: info@cnboly.com
Web: www.bolymill.com; www.cnboly.com; www.cnboly.cn

JB Series Sifting Machine



Working principle and core technology

- **Efficient vibration principle:** By using an exciter (eccentric block or vibration motor) to generate strong centrifugal force, the sieve box and screen mesh are forced to continuously vibrate. The material is thrown up and loose on the sieve surface, and particles smaller than the sieve hole quickly pass through the sieve.
- **Optimize motion trajectory:** spiral diffusion of materials on the screen surface, with both conveying and screening functions, and a large processing capacity.
- **Anti blocking and network cleaning technology:** This is the key to ensuring continuous and efficient operation. Common techniques include installing elastic bouncing balls under the sieve or using ultrasonic assisted cleaning devices to effectively reduce clogging.
- **Modular and durable design:** The screen box is connected by high-strength bolts instead of welding, which improves structural reliability and lifespan.

Using rubber springs or composite springs to reduce vibration and minimize impact on the foundation and operational noise.

The screen adopts a quick disassembly design, making it easy to replace.



Main technical features

- **Strong excitation force:** Using block eccentricity as the excitation source, it has abundant power and is suitable for handling large amounts of materials.

Reliable structure: The crossbeam and side plate of the screening box are connected by high-strength bolts without welding, with high overall strength and long service life.

- **Convenient maintenance:** The structure is simple, and key components (such as vibrators) can be disassembled and assembled as a whole, making maintenance easy.

- **Smooth operation:** Flexible connection with tire coupling and equipped with rubber spring vibration reduction, low noise and minimal dynamic load on the foundation.

- **Efficient and energy-saving:** Adopting a small amplitude, high frequency, and large inclination structure, the screening efficiency is high, the processing capacity is large, and the power consumption is low.



Application Fields

Trade	Typical material
Food Industry	Sugar powder, starch, salt, rice flour, milk powder, soy milk, egg powder, soy sauce, juice, etc.
Chemical/Pharmaceutical Industry	Resin, paint, industrial medicine, cosmetics, paint, Chinese medicine powder, etc.

Note: The materials listed above are typically granules or powders with low moisture content and low adhesion. For materials with high viscosity, tendency to clump, or requiring extremely high hygiene standards, more specialized vibrating screens (such as ultrasonic vibrating screens) may be required.



Technical Data

Model	Effective screening diameter	Effective screening area	Screen size	Number of plies	Motor Power	Overall Size(mm)	Weight	Overall Size(mm)	Weight	Overall Size(mm)	Weight
	mm	m²	mesh		KW	L	W	H1	H2	H3	KG
JB-600	550	0.23	2-500Mesh	1-5	0.55	750	750	785	885	985	100-180
JB-800	750	0.42			0.55/0.75	950	950	900	1000	1150	200-280
JB-1000	950	0.64			0.75/1.1	1150	1150	950	1060	1180	240-350
JB-1200	1150	0.95			1.1/1.5	1360	1360	980	1100	1220	320-550
JB-1500	1450	1.54			1.5/2.2	1700	1700	1180	1320	1470	420-680
JB-1800	1750	2.27			2.2/3	2150	2150	1250	1400	1580	580-900



More Pictures



FAQ

1)What material you want to sift? what is the size of feed material ?

The name, fluidity, density, and size of the material need to be provided.

2) What capacity you expect by sifting machine? (kg/h)

Please provide the required hourly output.

3) What mesh or mm or micron(size) of the powder and how many layers you want?

Please inform us of the fineness of the material itself, the fineness that needs to be screened, and the number of layers that need to be screened.

4) What voltage you want?

For example, 380V 50hz 3p; 440V 60Hz,3p; 220V...

We use the Ouli Wolong vibration motor.

5) Usually we use stainless steel 304, if you want stainless steel 316, it's OK and please tell us.

Then our communication will be more efficient.



About Baoli Machinery

Our company locates at Wuxi city, very near Shanghai City and it takes 35-50 minutes to get to our city by train from Shanghai.

1, We have CE certificate, ISO, BV...etc.

2, Each year, We takes part in a lot of Expos ,for example: FIC, CPHI, API...etc

3, Our team possesses profound experience in the powder industry sector. We can provide relevant production lines for loading, crushing, mixing, sieving, conveying and so on.

