

SBH Three-Dimensional Swing Mixer



SBH swing mixing machine is suitable for mixing dry powder materials in pharmaceutical, chemical and food industries. It is mainly used for mixing materials with different proportions and fineness evenly and quickly. SBH three-dimensional swing mixer enjoys the advantages of steady operation, low noise, high loading coefficient and short mixing time. It utilizes unique strong alternative pulse to promote and mix materials successively.

Characteristics

1. SBH swing mixing machine consists of base, driving system, electric control system, multi-directional movement mechanism and mixing tank. The mixing tank contacting with materials is made of high-quality stainless steel, with both inside and outside of the tank mirror polished.
2. The shape of three-dimensional swing mixer's mixing tank is reasonably designed with no dead corner.
3. The discharge of materials is free with no accumulation, making swing mixing machine easy to clean.
4. This equipment mixes materials in an enclosed state. It causes no contamination to the working environment and materials.

Working Principle

When the three-dimensional swing mixer is in operation, various kinds of materials are sped up in the process of mixing because of the running actions of the mixing tank in multiple directions. Besides, congregation and segregation of material is avoided due to the centrifugal force in the normal mixer. Thus, swing mixing machine gets extremely good mixing effect.

Technical Parameters

Model	Barrel Capacity (L)	Max. Capacity (L)	Capacity Weight (kg)	Speed of Mineshaft	Motor Power (kW)	Overall Size (mm)	Weight (kg)
1000	1000	800	500	0-15 (r/min)	7.5	2250 × 2600 × 2600	2500
1200	1200	950	600		11	2400 × 2800 × 2800	2800
1500	1500	1200	750	0-15 (r/min)	15	2500 × 2950 × 3000	3000
300	300	240	150		4	1800 × 1950 × 1800	1000
400	400	320	200	0-15 (r/min)	4	1800 × 2100 × 1950	1200
500	500	400	250		5.5	1900 × 2000 × 2100	1380
600	600	480	300	0-15 (r/min)	5.5	1900 × 2100 × 2250	1500
10	10	8	5		0.55	800 × 1200 × 1000	200
50	50	40	25	0-15 (r/min)	1.1	1000 × 1400 × 1200	300
100	100	80	50		1.5	1200 × 1700 × 1500	500
200	200	130	100		2.2	1400 × 1800 × 1600	800