

Multi-Directional Motions Mixer SBH-300/400/500



The mixing barrel is supported by the driving and driven shafts, which are crossed in space and also vertical to each other and are respectively connected by Y-type universal joints, so that the mixing barrel makes unique translation, turning, rocking and rolling motions in a solid 3-dimensional space, thereby speeds up the flow and diffusion of the materials being mixed, while avoids the specific gravity segregation of materials due to the action of centrifugal force in an ordinary mixer, and ensures the materials to reach an ideal mixing within a short time.

Features:

- It has a unique driven shaft servomechanism, so that the whole machine makes smooth and reliable operation with less vibration and low noise.
- The equipment does not need a foundation and features convenient erection and maintenance as well as long service life.
- It can ensure a good mixing effect and the mixing time is short. The evenness of mixing reaches above 99.5%.
- Its feeding coefficient reaches 85%, more than double that of an ordinary rotary mixer.
- Thanks to its low height and small rotating space, it usually does not need skip floor.
- The eccentric a cone design of the discharge end of the mixing barrel ensures discharge free of dead corner and residue, so it is easy to clean and conforms to the requirement of GMP.
- This series multi-directional motions mixer can start in low speed, run smoothly in rated speed, timing and deceleration for stop. Automatic shutdown location of the machine is the best location for charging and discharging.

Technical Parameter:

Model	SBH-300	SBH-400	SBH-500
Hopper Volume (L)	300	400	500
Max Loading Volume (L)	240	320	400
Max Loading Weight(kg)	150	200	250
Rotary Speed (r/min)	0-12	0-12	0-12
Power (kw)	4	5.5	5.5
Dimension(mm)	1600*1950*1800	1800*2100*1950	1900 *2000 *1950
Machine Weight (Kg)	1060	1200	1380