

Three Dimensional Mixer SWH-series



This machine is mainly used in pharmaceutical industry and also the chemical, food, electronic, plastic and metallurgical industries. When the machine is working, the mixing barrel runs in multiple directions. In the mixing process of various materials, the effect of flow and diffusion is increased. Compared to general mixer, the 3D mixer avoids the segregation and accumulation of material specific gravity due to centrifugal effect, so it can provide an excellent mixing effect. It is widely used in material mixing in the industries of pharmaceutical, food, chemical and so on.

Operating principle:

1. The mixing barrel runs in multiple directions, so it can mix the materials much more evenly than other general mixers. It has a lower error of the medicine content than other general mixers.
2. The maximum charging volume of the SBH series mixer is more than twice that of the general mixers (the maximum capacity of the general mixer is 40% of the barrel volume).
3. The mixing barrel of the SBH series three-dimensional motion mixer is unique in design. The inner wall of the mixing barrel is finely polished, and there is no dead corner. It will not contaminate the materials.
4. The material is poured out due to its own weight. There will be no leftover materials. This machine has the advantages of no pollution, easy discharge, no accumulation, and easy cleaning.
5. The materials are mixed in a sealed environment and will not pollute the working environment.

Main Parameter:

Model	SWH-5L	SWH-10L	SWH-15L	SWH-20L
Mixing Bucket Volume (L)	5	10	15	20
Max. Charging Quantity (L)	2.5	5	8	16
Spindle Speed (m/min)	0-15	0-15	0-12	0-12
Motor (kW)	0.55	0.55	0.55	0.55
Weight (kg)	90	105	115	130

Model	SWH-30L	SWH-50L	SWH-100L	SWH-200L
Mixing Bucket Volume (L)	30	50	100	200
Max. Charging Quantity (L)	22	40	80	160
Spindle Speed (m/min)	0-12	0-12	0-12	0-12
Motor (kW)	0.75	1.5	2.2	4
Weight (kg)	180	300	700	1500