High-Efficiency SH Series 3D Motion Powder Mixer

The SH series 3D mixing equipment uses a multi-directional motion to achieve highly uniform blending. Compared to traditional mixers, it avoids layering or segregation caused by centrifugal force. It leads to the thorough distribution of different materials. This mixing equipment is also ideal for blending sensitive or uneven particle sizes. It is always used in the pharmaceutical, food, and chemical industries.

This series is available in small-capacity models like SH-10, SH-20, and SH-50. It is perfect for laboratory, research, or small-batch production. The mixer combines compact design with precision motion. It features a stable structure and fine barrel polishing for keeping materials pure.

Features

✓ **Multi-angle motion.** The mixing barrel rotates in all directions. The movement improves flow, diffusion, and uniformity.

✓ **Polished stainless steel barrel.** It leads to clean mixing and prevents material residue or cross-contamination among batches.

✓ **Small working area.** Compact design suits limited spaces, ideal for small-scale businesses.

✓ **Speed control.** You can adjust the speed to meet your various production needs.

✓ **Easy to operate.** It is equipped with a simple interface and buttons for efficient handling.

✓ **Safety measures.** It includes overload protection to reduce accident risks.

✓ **Low maintenance.** It requires lubrication and inspection monthly or quarterly.

Technical Parameters

Model	SH-10	SH-20	SH-50
Vat Volume	10 L	20 L	50 L
Max. Filling Volume	8 L	16 L	40 L
Rotational Speed	0-15 r/min	0-15 r/min	0-15 r/min
Power	0.75 kW	0.75 kW	1.1 kW
Weight	100 kg	100 kg	300 kg