

Big Volume CH Type Powder Mixer Powder Blender



The CH-series horizontal powder mixers are designed for consistent dry mixing in pharmaceutical, food, and chemical industries. With capacities ranging from 50L to 500L, these machines support flexible batch sizes. Their tiltable hoppers and automatic discharge function help speed up the workflow while minimizing manual handling. Whether for small factories or mid-scale operations, this series provides a practical solution with steady performance.

Each CH mixer uses a horizontal paddle system powered by a belt-driven motor and reducer. As the paddles rotate, materials are rolled repeatedly inside the hopper to achieve even mixing. The fixed 24 r/min speed ensures predictable output across all models, while the simple mechanism makes the machines stable during operation and less prone to failure.



Features

- ✓ **Multiple capacity choices.** From 50L to 500L, the series covers a wide range of mixing needs across different production scales.
- ✓ **Fixed rotation speed.** All models operate at a consistent 24 r/min for batch uniformity.
- ✓ **Electric discharge system.** A dedicated motor powers the discharge. It reduces labor and spillage.
- ✓ **Strong drive structure.** A reliable motor and speed reducer ensure stable and long-term paddle movement.
- ✓ **Simple control panel.** It is equipped with clearly labeled buttons for each function. This greatly improves ease of use and reduces training time.
- ✓ **CGMP-compliant design.** All contact surfaces are stainless steel, supporting sanitary production environments.
- ✓ **Compact design.** Despite their volume, the machines are space-saving and easy to integrate into existing setups.

Specifications

Model	CH-50	CH-100	CH-150	CH-200	CH-500
Volume	50L	100L	150L	200L	500L
Main Motor Power	1.1 kW	2.2 kW	3 kW	4 kW	7.5 kW
Speed	24 r/min				
Weight	220 kg	250 kg	550 kg	600 kg	680 kg
Dimensions	2,300x910x2,050mm	2,800x1,000x2,280mm	3,000x1,100x3,100mm	3,200x1,200x3,350mm	3,400x1,300x3,550mm