

Small Volume CH Type Powder Mixer Blender



The CH-series trough mixers, including CH10 and CH20, belong to the horizontal mixer. They are designed for gentle and efficient blending of dry powders and granules, ideal for precise powder blending. With 10L and 20L capacities, they are well-suited for lab-scale production or small-batch formulations. They are useful in industries such as pharmaceuticals and R&D.

Equipped with an internal paddle and turning trough design, these mixers use dual motion to ensure better blending



performance. While the blade stirs continuously, the hopper can tilt during discharge, making the mixing process both efficient and easy to control. This structure enhances uniformity and reduces leftover material.

Features

- ✓ **Dual mixing motion.** A rotating paddle combined with a tilting hopper improves blending efficiency.
- ✓ **Small working area.** Both models are lightweight and compact, suitable for tight workspaces or mobile setups.
- ✓ **Easy operation.** Simple controls and manual discharge make the workflow beginner-friendly.
- ✓ **Fast cleaning.** The trough can tilt up to 115°, allowing easy access to all contact surfaces.
- ✓ **Stable speed.** A fixed 24 r/min shaft speed provides steady performance across powder types.
- ✓ **Durable drive system.** It is powered by a 0.55kW motor and belt-driven reducer for smooth, long-term operation.
- ✓ **Low maintenance.** Easy design requires less maintenance. You only need to check the oil, belts, and bearings every three months.

Technical Parameters

Model	CH-10	CH-20
Material tank capacity	10 L	20 L
Motor power	0.55 kW	0.55 kW
Paddle shaft speed	24 r/min	24 r/min
Maximum flip angle	115°	115°
Machine weight	40 kg	71 kg
Dimensions	600mm×325mm×540mm	750mm×380mm×650mm