

Powder Mixer Ribbon Mixer WLDH100-500



The WLDH-Ribbon Mixer series is a highly efficient mixing equipment designed for various industries, including pharmaceuticals, food, chemicals, and construction. It excels in blending powders and viscous materials like metal powders. This mixing equipment is ideal for applications requiring precision and reliability.

The series offers models from 100L to 3000L capacity. It supports adjustable speeds and power options (2.2 kW to 18.5 kW). It ensures rapid mixing through a unique double-ribbon structure that creates convective flow and shear blending. Safety features include overload protection, strict load limits, and options for explosion-proof motors.



Features

- ✓ **High efficiency.** Double-layer ribbons ensure fast and uniform mixing with minimal energy use.
- ✓ **Customizable options.** You can choose from heating jackets, spray systems, vacuum sealing, or explosion-proof motors for special functions.
- ✓ **Robust construction.** The equipment is made from carbon steel, stainless steel, or PP for smooth operation.
- ✓ **Safety compliance.** It includes electrical grounding, overload protection, and strict no-load startup rules.
- ✓ **Easy maintenance.** Features like pneumatic discharge doors and accessible seals simplify maintenance.
- ✓ **Adaptable installation.** The mixing equipment supports horizontal/vertical setups and various valve types for discharge.

Technical Parameters

Model	WLDH-100L	WLDH-300L	WLDH-500L	WLDH-1000L	WLDH-3000L
Effective Volume	50L	150L	300L	600L	1800L
Main Motor Power	2.2 kW	4 kW	7.5 kW	11 kW	18.5 kW
Rotational Speed	58 r/min	53 r/min	49 r/min	42 r/min	33 r/min
Speed	24 r/min				
Dimensions	1190*740*770mm	2320*730*1130mm	2800*920*1320mm	3180*1020*1550mm	4460*1300*1700mm
Weight	380 kg	560 kg	680 kg	1200 kg	2500 kg