

Horizontal Spiral Ribbon Powder Mixer

This powder mixing equipment utilizes a U-type horizontal spiral ribbon design with three-layer successive spirals to create three material flow layers. During convection, materials mix rapidly and evenly by penetrating and displacing each other.



Overview

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This horizontal spiral ribbon mixer is engineered for the efficient and homogeneous blending of solid, dry materials. Designed for high-uniformity mixing, it excels even when handling materials with significant disparities in specific gravity, achieving ratios as precise as 1:1000. The gentle mixing action preserves the initial state of your materials while ensuring stable, reliable operation with minimal maintenance requirements.

Performance & Features

Key Benefits

- High degree of uniformity
- Gentle mixing action
- Stable and reliable operation
- Economical efficiency
- Low maintenance

Mixing Uniformity	Yes
Mixing Ratio Capability	1:1000
Material Handling	Solid-Solid (Dry-Dry)

Applications

Common Applications	Powder Coating, Putty Powder, Insulation Mortar
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Operational Details

Operational Features

- Convenient installation
- Quick discharge
- Compact footprint
- Optional lower opening design available