

# Horizontal Ribbon Dry Powder Mixer

This horizontal mixer features a three-layer spiral ribbon design for efficient dry powder blending. Materials are rapidly and evenly mixed through displacement during the convection process.



## Overview



Robust frame supporting the cylindrical mixing chamber and loading conveyor.

## High-Efficiency Horizontal Ribbon Mixer

This equipment is a U-type horizontal spiral ribbon mixer designed with three-layer successive spiral ribbons for rapid and even material displacement. It is specifically engineered to mix solid and mortar materials with a high degree of uniformity, even when handling components with significant disparities in specific gravity. The mixer operates gently to preserve the initial state of materials while ensuring a stable, long service life with minimal maintenance requirements.

## Performance Highlights

### Performance Metrics

**1000**

Mixing Proportion Accuracy (1:X)

**3**

Spiral Ribbon Layers

## Technical Specifications



The horizontal cylindrical chamber ensures homogeneous mixing for industrial applications.

### Model XWX-300 Specifications

Component	Specification
Main Engine Power	4 KW
Cycloidal-pin Gearbox	WXD4
Elevator Dimension	Æ165 x 215
Mixing Type	Horizontal U-Type

## Key Features



Integrated system including an inclined screw conveyor and bagging unit for efficient processing.

### Operational Advantages

- Successive three-layer spiral ribbon design for rapid mixing
- High uniformity for materials with different specific gravities
- Gentle mixing process prevents material damage
- Compact footprint with convenient installation
- Quick discharge and simple operation
- Stable performance with fewer wearing parts

## Applications

### Suitable Materials

Dry Powder, Mortar, Cement, Solid Materials, Construction Chemicals

## Design & Construction



Complete mixing system featuring a large-capacity drum and integrated material feeding mechanism.

### Build Quality

U-Type Horizontal Tank • Heavy-Duty Steel Frame • Corrosion Resistant Coating • Screw Conveyor Feeding