

Product Name :
Horizontal Ribbon Mixer

Product Code :
FOOD-PROC0007



Description :

Horizontal Ribbon Mixer

Technical Specification :

Tank volume	210 l	440 l	700 l	1040 l	1600 l	2500 l
Single batch volume	105-120 l	220-240 l	350-400 l	520-600 l	800-900 l	1250-1400 l

Capacity	600 kg/h	1100 kg/h	1500 kg/h	2000 kg/h	3000 kg/h	4000 kg/h
Mixing time	2-10 min	2-10 min	4-12 min	5-15 min	5-15 min	5-15 min
Mixing type	Ribbons, spiral blades (screw type)					
Mixing speed adjustment	Yes					
Auto-reverse function	Yes					
Electricals	380 V 50 Hz					
Power	3 kW	4 kW	5.5 kW	7.5 kW	11 kW	15 kW

The horizontal ribbon mixer is designed for uniform, fast, high-quality mixing of granular or powder products as well as multi-component mixes. The homogeneity level of the horizontal ribbon mixer is 98-99%.

A rotary-drum mixer is intended for careful mixing of product with adding of liquid and/or dry additives onto the surface of nuts or other products. The mixing drum is equipped with special paddles to prevent messing up the product during the mixing process. All product contact parts are made of food-grade stainless steel.

Working principle

The mixing of the components occurs due to the opposite multidirectional movement of the flows (four

multidirectional flows). In addition, reverse rotation of the ribbon stirrer is available in the standard scope of supply. All these provide a high-quality uniform mixing in a short time.

The mixer is equipped with a programmable logic controller, which sets the cycle of rotation of the ribbon stirrer and total mixing time. If necessary, a high-speed impeller can be started manually from the mixer control panel to break up large lumps inside the mixed product.

The mixer can be optionally equipped with a special injection system for spraying various liquid components, such as oil, dyes, flavors, concentrates. The spraying volume can be smoothly adjusted.

Main applications for a horizontal ribbon mixer

Food products:

Spices & seasonings

Food flavor additives

Dairy mixes for ice cream

Sport supplements

Vegetable & fruit mixes

Coffee drinks (3-in-1)

Bakery mixes

Tea blends

Muesli, granola & flakes

Feeds:

Cattle feeds

Feeds for birds

Premixes

Fish baits

Household chemicals:

Washing powders & detergents

Plant protection products

Pigments & paints

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