

CFAM TM-Series Twin-Shaft Paddle Mixer



Mixer Description:

The CFAM TM-Series Twin-Shaft counter-rotating paddle mixer is a complete mixing system used for high efficiency mixing of dry ingredients. The TM-Series can be used as a stand-alone automated batching and mixing system, or can be integrated directly into a processing plant by interfacing the control system of the mixer with the plant control system.

Product Range:

TM500: 500L Twin-Shaft Paddle Mixer with lump breaker
 - 500L, Specifically designed for rough material with high percentage molasses
 - Motor 7.5 kW for main motors, 2,2 kW motor for lump breaker
 - Maximum throughput 6 ton/h*

TM250: 250L Twin-Shaft Paddle Mixer
 - 250L, Motor 5.5 kW, Maximum throughput 4 ton/h*

TM100: 100L Twin-Shaft Paddle Mixer
 - 100L, Motor 1.5 kW, Maximum throughput 1.8 ton/h*

*Throughput indications are based on maize as product with a fully integrated and controlled feeding and discharge system.

Specifications & Features:

- Twin-Shaft counter-rotating paddle mixer
- Gentle mixer for fixing fragile ingredients
- Fast mixing time 12 seconds - 15 seconds per batch
- High accuracy, mixed product's coefficient of variation < 5 %
- Large mixing discharge gates, discharge in less that 2 seconds
- Sanitary design with minimal amount of product leftover after discharge
- Product is discharged into a holding bin below the mixer, from where it is removed by an auger
- Mixer is mounted on high accuracy load cells
- The control system can be fitted with a bag weighing function, which can control the auger to accurately discharge specific weights of product (e.g. 25 kg, 50 kg etc.) into bags
- Fully automated for stand-alone batch mixing with PLC based control panel