

75L Dispersion Kneader Internal Mixer

The 75L Dispersion Kneader is designed for efficient mixing of rubber compounds, polymers, and other viscous materials. This internal mixer ensures consistent batch quality and optimized production output with its robust construction and precise temperature control.



ADDITIONAL IMAGES



Overview

High-Performance Dispersion Mixing

The 75L Dispersion Kneader is an advanced internal mixer designed for bulk production of rubber and plastic compounds. Utilizing international design standards and precision core components, it offers superior sealing, abrasion resistance, and temperature control. This machine is engineered for high-torque applications, ensuring homogeneous dispersion and consistent batch quality in demanding industrial environments.

Technical Highlights

Key Technical Advantages

- Chromium-coated banburying chamber (0.12-0.18mm thickness)
- Exclusive rotor shaft sealing technology
- High-rigidity 42 chromium-molybdenum gear reducer
- Nitridation-treated hardened tooth surfaces
- Reverse rotation discharging for easy cleaning
- Dry mechanical shaft seal for environmental protection

Performance Metrics

Core Performance

75 L

Mixing Capacity

110 kW

Driving Motor

100 kg/load

Max Productivity

Technical Specifications

Mixing Capacity	75 L
Driving Motor Power	110 kW
Tilting Motor Power	4 kW
Tilting Angle	140 °
Electric Heater Power	18 kW
Productivity per Load	80-100 KG

Physical Properties

Dimensions (H*W*L)	3,800 x 2,300 x 3,200 mm
Total Weight	10800 kg

Construction

Mixing Chamber Material	Advanced special steel with hard chromium coating
Available Chamber Types	Tipping Type, Lifting Type

Applications

Target Materials

Rubber Compounds • Polymers • Plastics • Masterbatch • Viscous Materials