

Pin Barrel Cold Feed Rubber Extruder

This pin barrel cold feed rubber extruder is designed for efficient rubber processing. Its pin-barrel design enhances mixing and temperature control during extrusion.



Overview

High-Efficiency Cold Feed Extrusion

This pin-barrel cold feed extruder is engineered for the precise production of rubber components, including tire treads, sidewalls, and inner tubes. The specialized pin-barrel design ensures thorough mixing of rubber compounds, while the multi-zone barrel configuration optimizes plasticizing and extrusion. With robust construction and advanced temperature control, this machine delivers consistent, high-quality output for demanding industrial rubber processing applications.

Technical Specifications

Machine Type	Pin-barrel cold feed rubber extruder
Drive System	DC Motor
Screw Material	Nitriding steel with nitrogen treatment
Reducer Gears	Hardened alloyed steel

Design Features

Barrel Configuration

- Dual metal structure
- Circumferentially bored
- Feeding zone with spiral slots and side rolls
- Plasticizing and extrusion zones with pin inserts

Temperature Control	Automatic hot water circulation device
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Applications

Typical Applications	Tire Tread, Sidewall, Inner Tube, Rubber Compounding
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