

Drum Twister Laying-Up Machine for Cable Stranding

This machine strands power cables with large cross-sections and great length, as well as split conductors and telephone cables. It can also be used for steel-armor or Cu-screening cable.



Overview

High-Efficiency Drum Twister Laying-Up Machine

This drum twister laying-up machine is designed for high-efficiency cable stranding, featuring a robust drum twisting structure for superior reliability. The system integrates a tape lapper, pedrail drive, and rotary take-up to maintain precise cable pitch throughout the production process. Equipped with multi-safeguards and a passive pay-off style with adjustable tensile force, it ensures both operational safety and high-quality output for industrial cable manufacturing.

Performance Metrics

Key Performance Indicators

150 mm

Max Output Diameter

50 m/min

Max Output Speed

9298 mm

Max Cable Pitch

Technical Specifications

Model Specifications Comparison

Specification	JPD-2500	JPD-3150	JPD-3500	JPD-4000
Take-up bobbin	!2500	!3150	!3500	!4000
Max dia. of output (mm)	120	130	150	150
Strander speed (rpm)	30	21	20	18
Output speed (m/min)	50	42	31	28

System Configuration

Standard Components

- Rotary pay-off
- Guiding unit
- Assembling plate
- Fill stand
- Die holder
- Rotary caterpillar
- Steel armor unit
- Electrical control system

Operational Features

Safety Systems

Multi-safeguards • Easy Manipulation • Reliable Operation

Cable Pitch Range

111 - 9298 mm

Tensile Force Control

Passive style with adjustable tensile force

Mechanical Design

Take-up Structure

Up-wheel structure for enhanced rigidity and stability

Synchronization System

Linked tape lapper, pedrail drive, and rotary take-up for exact pitch