

Drum Twister Laying-Up Machine for Cable Manufacturing

This machine strands power cables with large cross-sections and great length, as well as split conductors and telephone cables. It can strand pre-spire or non-spire cores for cable production and can also apply steel armoring or copper screening.



Overview

High-Efficiency Drum Twisting Solution

This drum twister laying-up machine is designed for high-efficiency cable manufacturing, featuring a new type of drum twisting structure that ensures convenient operation. The system integrates a tape lapper, pedrail drive, and rotary take-up linked tightly to maintain exact cable pitch. With adjustable tensile force and multiple safety safeguards, it provides a reliable and steady production environment for various cable types.

Key Features

Main Characteristics

- Highly efficient new type drum twisting structure
- Linked tape lapper, pedrail drive, and rotary take-up for exact pitch
- Single motor gyration pay-off with independent or synchronized rotation
- Passive style pay-off with adjustable tensile force
- Up-wheel take-up structure for enhanced rigidity and reliability
- Multi-safeguard protection systems

Technical Specifications

Performance Metrics

Model Specification	Take-up Bobbin	Max Output Dia. (mm)	Strander Speed (rpm)	Output Speed (m/min)
JPD-2500	!2500	120	30	50
JPD-3150	!3150	130	21	42
JPD-3500	!3500	150	20	31
JPD-4000	!4000	150	18	28

Cable Pitch Range

111 mm
Min Pitch

9298 mm
Max Pitch

System Configuration

Included Components

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

Safety & Reliability

Safety Standards

Multi-safeguard Equipped • Up-wheel Rigid Structure • Adjustable Tensile Control