

Drum Twister Laying-Up Machine for Cable Production

This machine strands power cables with large cross-sections, split conductors, and telephone cables. It is also suitable for steel-armor or copper-screening cables.



Overview

High-Efficiency Cable Laying-Up Solution

The Drum Twister Laying-Up Machine is designed for high-efficiency cable production, 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. Its versatile design allows the pay-off to rotate in sync with the take-up or operate independently, providing flexibility for various manufacturing requirements.

Key Features

Main Characteristics

- New type drum twisting structure for high efficiency
- Linked tape lapper and pedrail drive for exact cable 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
- Equipped with multi-safeguards for easy and reliable manipulation

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 Cable Pitch

9298 mm

Max Cable Pitch

System Configuration

Standard Components

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