

Cable Stranding and Laying-up Machine

This machine strands power cables with large cross-sections and great lengths, and also split conductors and telephone cables. It can strand pre-spire or non-spire cores and can be used for steel-armor or Cu-screening cable.



Overview

High-Efficiency Cable Stranding Solution

This cable stranding and laying-up machine utilizes a modern drum twisting structure designed for high efficiency and operational convenience. It features a synchronized system including a tape lapper, pedrail drive, and rotary take-up to ensure precise cable pitch throughout the production process. Equipped with multiple safeguards and adjustable tensile force, it provides a reliable and steady solution for professional cable manufacturing.

Key Features

System Features

- New type drum twisting structure for high efficiency
- Linked tape lapper and pedrail drive for exact cable pitch
- Passive style pay-off with adjustable tensile force
- Up-wheel take-up structure for enhanced rigidity and stability
- Single motor gyration pay-off with independent or synchronized rotation
- Integrated multi-safeguard system for safe operation

Technical Specifications

Performance Highlights

150 mm

Max Output Diameter

50 m/min

Max Output Speed

30 rpm

Max Strander Speed

Model Comparison Table

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

Cable Pitch Range

111 - 9298 mm

System Configuration

Included Components

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

Operational Safety

Safety Features

Multi-Safeguards • Adjustable Tensile Force • Rigid Up-wheel Structure