

Cable Stranding and Laying-up Machine

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



Overview

High-Efficiency Cable Laying-up Solution

This drum twisting machine is designed for high-efficiency cable stranding and laying-up processes, featuring a robust drum twisting structure. It integrates a tape lapper, pedrail drive, and rotary take-up system linked tightly to ensure exact cable pitch during production. The machine is built for reliability with an up-wheel take-up structure and multiple safeguards for easy, secure operation.

Performance Metrics

Key Performance Indicators

150 mm

Max Output Diameter

30 rpm

Max Strander Speed

50 m/min

Max Output Speed

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

Cable Pitch Range

111 - 9298 mm

Machine Configuration

Standard Configuration

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

Operational Features

Design Features

- New type drum twisting structure for high efficiency
- Single motor gyration pay-off (independent or synchronized)
- Passive style pay-off with adjustable tensile force
- Up-wheel take-up structure for enhanced rigidity and stability
- Integrated multi-safeguard system

Safety and Control

Multi-Safeguard Equipped • Pedrail Driven • Adjustable Tensile Force