

# Cable Stranding Laying-up Machine

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



## Overview

### High-Efficiency Cable Laying-up Solution

This drum twisting laying-up machine is designed for high-efficiency cable production, featuring a robust structure that ensures precise cable pitch and reliable operation. It integrates advanced components including a tape lapper, pedrail drive, and rotary take-up, all synchronized to maintain exact manufacturing standards. The system is equipped with multiple safeguards and adjustable tensile force controls, making it a dependable choice for large-scale power cable stranding.

## Key Features

### Core Features

- New type drum twisting structure for high efficiency
- 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 stability
- Multi-safeguard system for easy and reliable manipulation

## Technical Specifications

### Model Performance Data

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

### Cable Pitch Range

**111 mm**  
Min Pitch

**9298 mm**  
Max Pitch

## System Configuration

### Standard Components

Rotary Pay-off, Guiding Unit, Assembling Plate, Fill Stand, Die Holder, Rotary Caterpillar, Steel Armor, Electrical System