

# Drum Twister Laying-Up Machine for Power Cables

The 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

The Drum Twister Laying-Up Machine is designed for high-efficiency stranding of power cables with large cross-sections. It utilizes a new type of drum twisting structure combined with a rotary take-up and pedrail driven system to ensure exact cable pitch and reliable production. Equipped with multi-safeguards and an adjustable tensile force system, this machine offers a stable and user-friendly solution for complex industrial cable manufacturing.

## Key Features

### Core Capabilities

- High-efficiency drum twisting structure
- Synchronized 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 stability
- Integrated multi-safeguard systems for operator safety

## 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	-
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

### Included Components

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

## Safety & Control

### Safety Compliance

Multi-Safeguards • Adjustable Tensile Control • Rigid Up-Wheel Structure