

# Drum Twister Laying-Up Machine for Power Cables

The machine is used for stranding 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 for stranded cable and can also be used for steel-armor or Cu-screening cable.



## Overview

### High-Efficiency Drum Twister Laying-Up Machine

This drum twister laying-up machine is designed for high-efficiency power cable production, featuring a robust drum twisting structure. It integrates a tape lapper, pedrail drive, and rotary take-up system linked closely to ensure exact cable pitch and consistent quality. Equipped with multi-safeguards and a stable up-wheel take-up structure, it offers a reliable solution for industrial-scale cable manufacturing.

## Key Features

### Main Features

- New type high-efficiency drum twisting structure
- Linked tape lapper and pedrail drive for exact pitch control
- Single motor gyration pay-off (rotary or independent operation)
- Passive style pay-off with adjustable tensile force
- Up-wheel take-up structure for enhanced rigidity and stability
- Integrated multi-safeguard systems for easy and reliable operation

## Technical Specifications

### Model Specifications

Model	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 – 9298 mm

## System Configuration

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

## Performance Metrics

### Maximum Output Speed

**50 m/min**

Max Speed