

Cable Stranding and 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 for stranded cable and can also 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 integrates a tape lapper, pedrail drive, and rotary take-up system that are tightly linked to ensure exact cable pitch throughout production. The machine is built with a reinforced up-wheel structure for enhanced rigidity and reliability, supported by multiple safety safeguards for secure industrial operation.

Technical Capabilities

Performance Metrics

150 mm

Max Output Diameter

50 m/min

Max Output Speed

30 rpm

Max Strander Speed

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 unit
- Electrical control system

Model Specifications

Technical Parameters by Model

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

Operational Features

Pay-off System	Passive style with adjustable tensile force; features single motor gyration for independent or synchronized rotation.
Safety & Control	Multi-safeguards, Pedrail Driven, Up-wheel Structure, Rotary Take-up