

Cable Stranding Machine for Power and Communication Cables

This machine strands power cables, split conductors and telephone cables with large cross-sections and great length. It is designed to strand pre-spire or non-spire cores and can also apply steel armoring or copper screening.



Overview

High-Efficiency Cable Stranding Solution

This cable stranding machine adopts a new type of drum twisting structure designed for high efficiency and convenience in power and communication cable production. It integrates a tape lapper, pedrail drive, and rotary take-up linked tightly to ensure exact cable pitch throughout the process. The system is engineered for stability and reliability, featuring a reinforced up-wheel take-up structure and multiple safety safeguards for easy operation.

Key Features

Core Capabilities

- New type drum twisting structure for high efficiency
- Linked tape lapper and pedrail drive for exact cable pitch
- Passive style pay-off with adjustable tensile force
- Single motor gyration pay-off with independent or synchronized rotation
- Up-wheel take-up structure for enhanced rigidity and steadiness
- Equipped with multi-safeguards for reliable manipulation

Technical Performance

Performance Highlights

150 mm

Max Output Diameter

50 m/min

Max Output Speed

30 rpm

Max Strander Speed

Technical Specifications

Model Specifications

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

System Configuration

Included Components

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

Applications

Suitable Cable Types

Power Cables • Communication Cables • Control Cables • Stranded Cables • Pre-spire Cores • Non-spire Cores