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