

Cable Stranding Machine for Power and Control Cables

This machine strands copper, aluminum, ACSR, and insulated wires, incorporating back-twist functionality. It is also capable of steel-armoring and copper-screening cables.



Overview

High-Performance Cable Stranding Solution

This advanced stranding machine is engineered for the efficient production of power and control cables. It features versatile back-twist options, including both circle and planetary mechanisms, and utilizes a non-axle thimble twisting cage with precise friction tension control. Designed for stability and ease of operation, the system ensures consistent stranding pitch and reliable performance across various reel configurations.

Technical Capabilities

Available Reel Configurations

- 6-reel
- 12-reel
- 18-reel
- 24-reel
- 30-reel

Key Features

Frequency synchronization • Low-noise operation • Stable stranding pitch • Convenient manipulation

Back-Twist Methods

Back-twist circle, Planetary mechanism

Performance Metrics

Performance Overview

4.7 m/min

Min Production Speed

37 m/min

Max Production Speed

Technical Data

Machine Specifications

Specification	400/12+18+24	500/6+12+18	500/12+18+24	630/12+18+24
Stranding cage speed (rpm)	35-88	24-60	24-60	24-60
Stranding pitch (mm)	53.4-1057	78-1541	78-1541	78-1541
Take-up reel size	PN2000	PN2500	PN2500	PN2500

Single Wire Diameter Compatibility

Material	Diameter Range (mm)
Copper	1.5-5.0
Aluminum	1.8-5.0
Steel	1.2-3.0