

# 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