

# Wire Stranding Machine for Copper, Aluminum, and ACSR

This machine is designed for manufacturing wire without back twisting, including copper, aluminum, and ACSR strands, and twisting insulated wire or strand. With an optional pressing device, it can strand sector, round, and compacted conductors.



## Overview

### High-Efficiency Wire Stranding Machine

This advanced wire stranding machine is engineered for high-precision production of copper, aluminum, and ACSR conductors. It features flexible bobbin loading options, including bottom, top, and side loading, alongside advanced pneumatic or manual clamping systems for operational versatility. With integrated PLC controls and digital DC motor drivers, this machine ensures consistent, high-quality stranding performance for demanding cable manufacturing environments.

## Technical Specifications

### Stranding Cage Speed

- 61
- 164

### Stranding Pitch

- 50
- 1197

Copper Wire Diameter	5 mm
Aluminum Wire Diameter	5 mm
Production Speed	55.1 m/min
Haul-off Wheel Diameter	2500 mm
Charge Reel Model	PN2500

## Operational Features

### Machine Configuration

- Pay-off stand
- Stranding cage
- Compact die stand
- Double draught wheels
- Take-up and traverse device
- Mechanical transmission system
- Electrical control system
- Group loading/unloading devices
- Compact & pre-spiral device
- Taping head

### Bobbin Loading Methods

Bottom-loading, Top-loading, Side-loading

### Clamping Mechanism

Pneumatic, Manual (Worm gear/Hand wheel)

### Wire-Breaking Test Methods

Mechanical, Electrical

## Control System

### Control Features

- PLC Control
- Touch Screen Interface
- Digital DC Drivers
- Electric Tension Control

### Control Interface

Yes