

Rigid Cable Stranding Machine for Copper and Aluminum Wire

This machine manufactures wire without back twisting, including copper strand, aluminum strand and ACSR. With a pressing device, it strands sector conductor, round conductor and compacted & pre-spiraled separated conductor.



Overview

Professional Rigid Cable Stranding Solution

This rigid cable stranding machine is engineered for the precise production of copper and aluminum wires. Featuring advanced tension control systems and a high-integrity, eccentric-free cage design, it ensures consistent conductor stranding and structural stability. The system is designed for high-efficiency industrial use, offering flexible loading options and integrated electronic controls to meet demanding cable manufacturing standards.

Technical Specifications

Cage and Pitch Performance

Metric	Copper Spec	Aluminum Spec
Cage Speed (r/min)	61-164	46-124
Stranding Pitch (mm)	50-903	66-1197

Copper Wire Diameter	5 mm
Aluminum Wire Diameter	5 mm
Production Diameter	45 mm
Production Speed	55.1 m/min

Configuration

Core Components

- Pay-off strand
- Stranding cartage
- Compact die stand
- Double draught wheels
- Take up and traverse device
- Mechanical transmission system
- Electrical control system

Features

Bobbin Loading Options	Bottom-loading, Top-loading, Side-loading
Wire-Breaking Test Methods	Mechanical, Electrical