

Cable Cabling Machine for Multi-Core Cables

This machine is used for cabling multi-core plastic and XLPE cables with 3 to 7 cores. Models like 11000/1+6 and 11250/1+6 can cable telephone, control, and mineral-use cables.



Overview

High-Performance Multi-Core Cabling Solution

This versatile cabling machine is designed for the efficient production of mineral-use cables, control cables, and telephone cables. It supports both back-twist and non-back-twist stranding methods, including planet and sprocket retreat-spiralling configurations. The system is highly adaptable, catering to rubber and plastic insulated power cables with precision and reliability.

Technical Capabilities

Stranding & Retreat Methods

- Retreat-spiralling circle
- Planet retreat-spiralling
- Sprocket retreat-spiralling
- Back-twist stranding
- Non-back-twist stranding

Pre-spiraling Control

Manual or motor-driven (during or out of operation)

Suitable Cable Types

Rubber Cables, Plastic Insulated Power Cables, Telephone Cables, Control Cables, Mineral-use Cables

Performance Metrics

Key Performance Indicators

45 mm

Max Single Wire Diameter

37 m/min

Max Production Speed

120 mm

Max Forming Diameter

System Configuration

Compatible Take-up Reels

PN2000 • PN2500 • PN3150

Standard Components

Pay-off Strand, Stranding Cartage, Compact Die Strand, Taping Head, Armoring Device, Counter Meter, Draught Device, Take-up & Traverse, Mechanical Transmission, Electrical Control

Model Specifications

Technical Parameters by Model

Parameter	CL1000/1+1+3	CL1250/1+1+3	CL1600/2+3	CL2000/2+3
Dia. of single wire (mm)	5-20	5-25	10-35	15-45
Max Cable forming (mm)	80	100	120	120
Production speed (m/min)	4.7-37	4.7-37	3.2-26.6	3.2-26.6
Haul-off wheel dia. (mm)	1800	1800	2000	2500

Operational Details

Taping & Armoring

- Taping head speed: 136-303 rpm
- Taping pitch: 15.5-272 mm
- Armor speed: 136-303 r/min
- Armor pitch: 15.5-272 mm