

# Control and Mining Cable Cabling Machine

This machine is designed for cabling multi-core plastic and XLPE cables with 3 to 7 cores. Models such as CL1000/1+6 and CL1250/1+6 are suitable for cabling telephone, control, and mineral-use cables.



## Overview

### High-Performance Control and Mining Cable Cabling

This versatile cabling machine is engineered for the production of high-quality control and mining cables, offering a wide range of configurations to meet specific manufacturing requirements. It supports both back-twist and non-back-twist stranding methods, including planet and sprocket retreat-spiralling options. Designed for industrial efficiency, the system integrates pre-spiralling capabilities for sector cables and comprehensive armoring and taping modules.

## Technical Capabilities

### Stranding Methods

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

### Sector Cable Pre-spiraling

Manual or motor-driven (in or out of running)

## Key Performance Metrics

### Performance Highlights

**37 m/min**

Max Production Speed

**303 rpm**

Max Taping Head Speed

**2500 mm**

Max Haul-off Wheel Dia.

## System Configuration

### Machine Components

Pay-off strand, Stranding cartage, Compact die strand, Taping head, Armoring device, Counter meter, Draught device, Take up and traverse, Electrical control system

## Model Specifications

### Technical Parameters by Model

Parameter	CL1000/1+1+3	CL1250/1+1+3	CL1600/2+3	CL2000/2+3
Single wire diameter (mm)	5-20	5-20	5-25	10-35
Cable forming pitch (mm)	255-6850	227-9250	338-6585	403-7650
Production speed (m/min)	4.7-37	4.7-37	3.2-26.6	3.2-26.6
Take-up reel size	PN2000	PN2500	PN2500	PN3150

## Operational Details

### Taping and Armoring

Feature	Specification
Taping Pitch	15.5-272 mm
Armour Speed	136-303 r/min
Armour Pitch	15.5-272 mm