

Multi-Core Cable Cabling Machine

The machine is used for cabling multi-core plastic and XLPE cables ranging from 3 to 7 cores. Models like 1000/1+6 and 1250/1+6 are suitable for cabling telephone, control, and mineral-use cables.



Overview

High-Performance Multi-Core Cabling Solution

This versatile cabling machine is designed to meet a wide range of industrial requirements for stranding control, telephone, and mineral-use cables. It supports both back-twist and non-back-twist operations using various retreat-spiralling methods including planet and sprocket systems. The modular configuration ensures precision in cable forming, taping, and armoring for complex multi-core structures.

Key Performance Metrics

Performance Highlights

37 m/min

Max Production Speed

303 rpm

Max Taping Speed

2500 mm

Max Haul-off Wheel

Technical Specifications

Model Comparison Table

Specification	CL1000/1+1+3	CL1250/1+1+3	CL1600/2+3
Single Wire Dia. (mm)	5-20	5-25	10-35
Cable Forming Pitch (mm)	255-6850	227-9250	338-6585
Production Speed (m/min)	4.7-37	3.2-26.6	N/A
Take-up Reel Size	PN2000	PN2500	PN3150

Armoring Parameters

Speed: 136-303 r/min; Pitch: 15.5-272 mm

System Configuration

Standard Components

- Pay-off strand
- Stranding cartage
- Compact die strand
- Taping head for plastic tape
- Armoring device for steel tape
- Counter meter
- Draught device
- Take up and traverse device
- Mechanical transmission system
- Electrical control system

Operational Features

Retreat-Spiralling Methods	Retreat-spiralling circle, Planet retreat-spiralling, Sprocket retreat-spiralling
Back-Twist Support	Yes
Pre-spiraling Control	Manual or motor-driven (in or out of running) for sector cables