

Multi-Core Cable Cabling Machine

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



Product Overview

Versatile Multi-Core Cabling Solution

This high-performance cabling machine is designed for the efficient production of control and mining cables by combining multiple wires into a single cohesive unit. It offers a wide range of configurations to suit specific customer requirements, including options for cabling with or without back-twist. With its robust mechanical transmission and precise electrical control systems, it ensures high-quality cable formation for demanding industrial applications.

Technical Capabilities

Key Features

- Adjustable back-twist and non-back-twist stranding
- Multiple retreat-spiralling methods: circle, planet, and sprocket
- Manual or motorized pre-spiraling for sector cables
- Integrated armoring and taping capabilities
- Precision mechanical transmission and electrical control

System Configuration

Main Components

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

Performance Metrics

Production Speed Range

3.2 m/min

Minimum Speed

37 m/min

Maximum Speed

Technical Specifications

Model Specifications Comparison

Specification	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
Diameter of cable forming	80	100	120	-
Production speed (m/min)	4.7-37	3.2-26.6	-	-
Size of take-up reel	PN2000	PN2500	PN3150	-

Processing Parameters

Taping and 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

Mechanical Data

Diameter of wheel haul-off	1800 mm
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