

Multi-Core Cable Laying-Up Machine

This machine is designed for cabling multi-core plastic and XLPE cables with 3 to 7 cores. It can be configured in 11000/1+6 and 11250/1+6 formats for cabling telephone, control, and mineral-use cables.



Overview

High-Performance Multi-Core Cable Laying-Up Solution

This versatile laying-up machine is designed for the precise cabling of multi-core plastic and XLPE cables, accommodating 3 to 7 cores. It offers flexible operation with options for back-twist or non-back-twist stranding using retreat-spiralling circle, planet, or sprocket methods. Engineered for industrial durability, it supports both manual and motorized pre-spiralling for sector cables, ensuring high-quality cable formation across a wide range of technical requirements.

Technical Capabilities

Core Compatibility

3-Core • 4-Core • 5-Core • 6-Core • 7-Core • XLPE Cables

Stranding Methods

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

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

Performance Metrics

Key Performance Metrics

37 m/min

Max Production Speed

303 rpm

Max Taping Speed

2500 mm

Max Haul-off Wheel Dia.

Technical Specifications

Model Specifications Comparison

Model Specification	Single Wire Dia. (mm)	Cable Pitch (mm)	Haul-off Wheel (mm)	Take-up Reel
CL1000/1+1+3	5-20	255-6850	1800	PN2000
CL1250/1+1+3	5-25	227-9250	2000	PN2500
CL1600/2+3	10-35	338-6585	2500	PN3150
CL2000/2+3	15-45	403-7650	2500	PN3150

Taping & Armoring Parameters

- Taping Speed: 136-303 rpm
- Taping Pitch: 15.5-272 mm
- Armor Speed: 136-303 r/min
- Armor Pitch: 15.5-272 mm