

Cable Laying-Up Machine for Multi-Core Cables

This machine is designed for cabling multi-core plastic and XLPE cables, accommodating 3 to 7 cores. It supports 11000/1+6 and 11250/1+6 configurations, making it suitable for telephone, control, and mineral-use cables.



Overview

High-Efficiency Multi-Core Cable Laying-Up Machine

This versatile cable laying-up machine is engineered to meet diverse production requirements, offering flexible configuration options including both back-twist and non-back-twist stranding capabilities. It supports multiple retreat-spiralling methods—circle, planet, and sprocket—ensuring precise cable formation for various industrial needs. Designed for efficiency, the system integrates comprehensive pay-off, stranding, compacting, taping, and armoring units into a robust mechanical and electrical control framework.

Technical Specifications

Cable Forming Capabilities

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 (mm)	80	100	120	120
Cable forming pitch (mm)	255-6850	227-9250	338-6585	403-7650
Size of take-up reel (mm)	PN2000	PN2500	PN3150	PN3150

Operational Parameters

Performance Metrics

303 rpm

Max Taping/Armor Speed

37 m/min

Max Production Speed

Taping and Armor Specifications

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

Configuration

System Components

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