KINGSTRONG

XLPE CCV LINE

TRIPLE-LAYER CO-EXTRUSION AND DRY NITROGEN CURING

Application

Production of medium- and high-voltage XLPE-insulated power cable cores.
Copper and aluminium conductors, with configurations up to 132 kV.

Key Features

Triple-layer crosshead for conductor screen, XLPE insulation and insulation screen.
Non-contact sag control and synchronized haul-off for stable cable travel.
HV configurations with rapid cooling, rotating haul-off and PLC/HMI recipe management.

Technical Parameters	MV Reference Configuration	132 kV Reference Configuration
Cable voltage rating	6-35 kV	10-132 kV
Copper conductor cross-section	35-630 mm^2	50-1,000 mm^2
Aluminium conductor cross-section	50-800 mm^2	70-1,600 mm^2
Extruder screw diameters (inner screen / insulation / outer screen)	65 / 150 / 90 mm	100 / 200 / 120 mm
Max. insulated cable diameter	75 mm	120 mm
Max. cable weight per metre	10 kg/m	15 kg/m
Total curing and cooling tube length	102 m	192 m



