KINGSTRONG

TIG WELDING ALUMINIUM SHEATHING LINE

MODEL HGJ60/180 | METAL SHEATHING EQUIPMENT

Application

The equipment is designed for manufacturing welded and corrugated metallic sheath for 110 kV-500 kV high-voltage and extra-high-voltage power cables.

Key Features

Integrated forming, TIG welding and corrugation process for metallic sheath.
Synchronous control of welding and traction for continuous seam quality.
Suitable for aluminium, copper and stainless-steel sheath applications.

Main Technical Specifications		
Cable Core Diameter Range		Φ50~Φ160mm
Welded Metallic Sheath O.D. Range		Φ60~Φ180mm
Welding Strip Thickness	Aluminum	1.2~3.5mm
	Copper	0.8~1.8mm
	Stainless steel	0.8~1.5mm
Welding Line Speed		0-6 m/min, stepless adjustment
Welding Current Range		DC, high-frequency arc ignition, 30-300 A
Synchronous control of welding and traction; welding can restart after optional shutdown while maintaining weld seam continuity.		
Corrugation Parameters	Corrugation Pitch Range	10~50mm
	Corrugation Depth Range	1~8mm
Equipment Center Height		1000mm high
Production Line Length		48m long



