

TIG WELDING ALUMINIUM SHEATHING LINE

MODEL HJG360/180 | 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

