

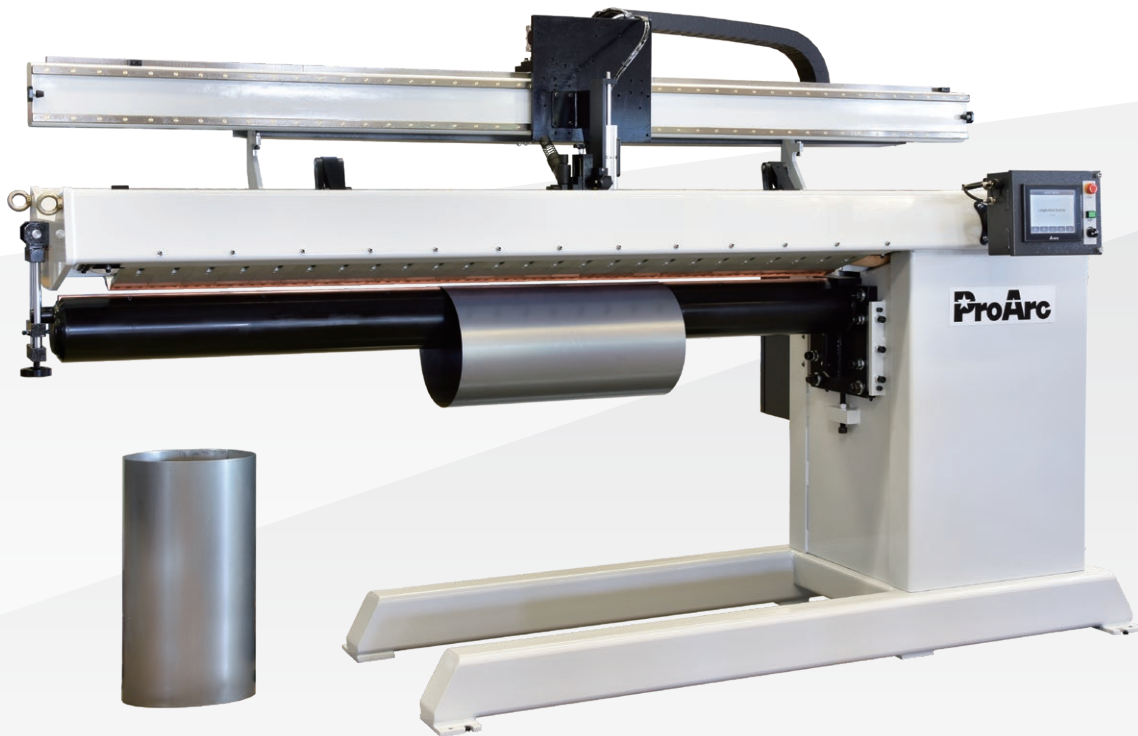


Welding Automation

LS
Longitudinal Seamer

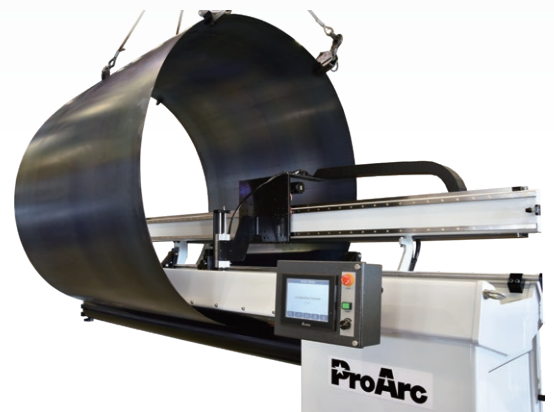
ProArc makes your welding process easy and smart.

ProArc provides plug-and-play longitudinal seam welding machine for cyclic, conical and rectangular duct workpieces. With precision components, servo drive carriage and smart controller, it provides a engineered complete platform for longitudinal seam welding. Welding of weldable metals thickness from 0.1mm to 10mm and lengths up to 3,600mm.



Features

- Precision double linear track for smooth travel.
- Servo drive carriage for stable, reliable motion with accuracy and repeatability.
- Individual clamping control for left and right clamping.
- Smart, easy to use controller.
- Flexible foot pedal sequence control.
- Internal seam welder model available.
- CE conformity.



Optional accessories

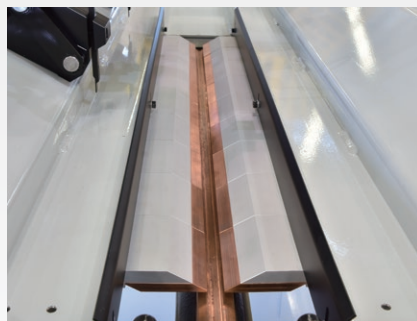
- Retractable edge alignment device
- Pneumatic edge alignment device
- Water cooled mandrel
- Mandrel spacer
- Automatic shield gas purge system
- Pneumatic mandrel clamping device
- Fixed riser block
- Heavy duty riser block (removable)
- Dual clamping pressure control
- Auto loading travel car
- Self-aligning idler rolls
- ProArc digital cold wire feeder
- Rotary torch holder
- AVC arc voltage control system

Smart controller

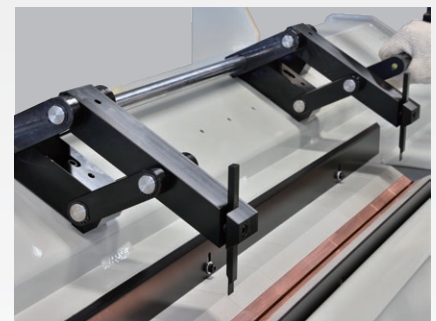
Welding automation sequence setting and weld program storage function.



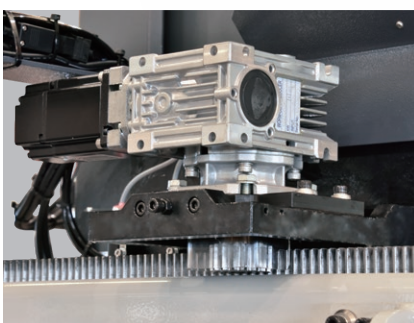
Aluminum/copper finger clamp



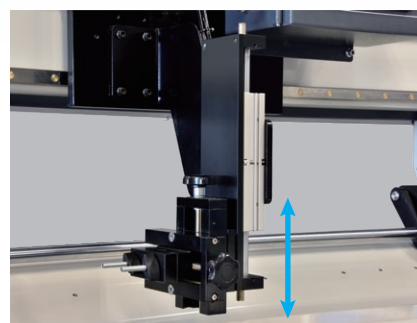
Retractable edge alignment device



Precision rack and pinion with servo drive



Pneumatic torch lift with manual adjustment slide and torch holder



Rotary torch holder

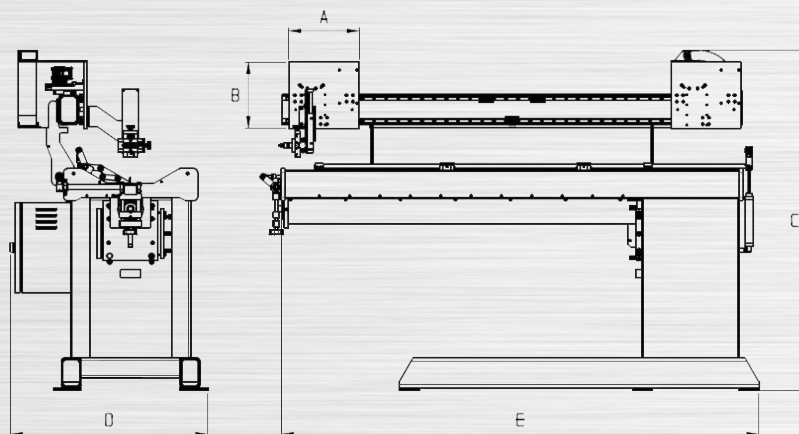


Specification

Model	Unit	LS-06	LS-09	LS-12	LS-15	LS-18	LS-24	LS-30	LS-36
Power input	~	AC 200~230V, 50/60Hz, 1 Phase							
Carriage drive		Rack & Pinion							
Drive motor		Servo motor							
Thickness	mm	0.1 - 10							
Welding length	mm	684	988	1,296	1,596	1,900	2,508	3,116	3,724
Workpiece min. dia.	mm	67	89	108	133	152	184	241	311
Workpiece max. dia.	mm	850							
Travel accuracy	mm	± 0.05							
Carriage speed	mm/min	2 ~ 16,000							
Carriage width (A)	mm	350							
Carriage height (B)	mm	332							
Overall height (C)	mm	1,720							
Overall width (D)	mm	990							
Overall length (E)	mm	1,480	1,780	2,085	2,390	2,820	3,430	4,140	4,740

※ Specifications subject to change without notice

Dimensions



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