MIG/MAG | TIG
Plasma | CMT | ArcTig

iSeamer



The iSeamer combines robust engineering, cutting-edge welding technology, and the innovative Polaris control system into one powerful platform.

With its multi-process capability and modular design, it delivers the ideal solution for a wide range of applications in pipeline and tank construction, as well as in industries such as food, chemical, and pharmaceutical.

Smart System Control

The new Polaris control system delivers intuitive process management, effortless drag-and-drop programming, and real-time access to all welding parameters—ensuring maximum control and superior welding quality.

Perfectly Tailored to Your Needs

Whether TIG, Plasma, ArcTig, or MIG/MAG—the iSeamer, paired with the iWave welding power source, delivers the ideal welding process for every application, ensuring top quality and maximum efficiency.



Polaris 10“ mobile panel or 21” terminal version







Technical data

iSeamer Type	600	1100	1600	2100	2600	3100	4100
Weld length (mm)	600	1,100	1,600	2,100	2,600	3,100	4,100
Material thickness (mm)				0.5–8.0			
Min. inner diameter (mm)	80	80	150	190	200	250	350
Max. Ø component outer diameter with machine foot* (mm)	800	800	800	900	900	1,000	1,000
Max. Ø component outer diameter without machine foot* (mm)	1,050	1,050	1,050	1,150	1,150	1,250	1,250
Working height of weld seam (mm)	1,100	1,100	1,100	1,200	1,200	1,300	1,300
Mains voltage				400 V/N/PE 50–60 Hz			
Dimensions (mm)	2,040 x 1,025 x 1,615	2,540 x 1,025 x 1,615	3,040 x 1,025 x 1,615	3,540 x 1,025 x 1,715	4,040 x 1,025 x 1,715	4,890 x 1,025 x 1,815	5,890 x 1,025 x 1,850
Weight** (kg)	~730	~930	~1,130	~1,320	~1,520	~1,970	~2,490

*larger diameters are possible with a height adapter (optional)

**depending on the welding head configuration

Features

- Welding processes: TIG, ArcTig, Plasma, CMT, MIG/MAG
- High-precision welding axis with servo motor
- Continuous pneumatic center stop
- Clamping lock for rail securing (manual or automatic)
- Torch lowering: pneumatic or motorized
- Torch adjustment: manual or motorized
- Integrated mount for traveling wire feed
- Foot switch for easy operation of the clamping system
- Polaris system control with Mobile Panel MC10 or Terminal TC20

Options & Accessories

- AVC and OSC functions
- Base rails in various geometries and materials
- Clamping jaws in multiple designs and materials
- High-performance recooler for cooling the base rail and welding torch
- ArcView3 camera system
- Line laser for precise centering
- Additional foot switch
- RC7 handheld controller for TC20 terminal
- LED light with flexible gooseneck
- Glare shield
- Welding fume extraction system
- Raised design with height adapter