

Plate preparation lines | Butt welding

PSW - Plate Seam Welder

The PSW is the integrated solution for butt jointing of steel plates

The **PSW** was created for the one-side joining of steel plates up to 40mm of thickness, and it's able to process other phases such as the creation of the grooves and the mechanical removal of the welding stock. The **PSW** allows to maintain the one-side technology for the joining of thicker plates by providing a **U / J groove** together with the **Long-Wire-Out / Narrow-Gap technology**.



Sectors



	PSW 1500	PSW 2000	PSW 2500	PSW 3000	PSW 4000
PLATES LENGHT	Custom				
PLATE THICKNESS	Custom				
PLATE WIDTH	200 - 1500 mm	200 - 2000 mm	200 - 2500 mm	200 - 3000 mm	200 - 4000 mm
TYPE OF WELDING	Submerged Arc: Single Wire / Tandem / Long-Wire-Out / Narrow-Gap				

Types of Butt Joints



Accessories & Torches

- Laser pointer
- Welding monitoring camera
- Torch (cooled) single-arc Long-Wire-Out 5/32"
- Torch single-arc Long-Wire-Out narrow-gap 5/32"
- Torch single-arc tandem 1/8" Ø3.2mm
- Contact tip for Torch single-arc 1/8" Ø3.2mm
- Contact tip for Torch single-arc 5/32" Ø4mm
- Contact tip for Torch single-arc 5/64" Ø2mm
- Contact tip for Torch single-arc Long-Wire-Out 5/32" Ø4mm
- Contact tip for Torch twin-arc 1/16" Ø1.6mm
- Contact tip for Torch twin-arc 5/64" Ø2mm
- Wire guide bush Ø25mm
- Concentric Flux conveyor
- Nut Ø34mm
- Torch insulator Ø40mm

