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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** bevel together with the **Long-Wire-Out** / **Narrow-Gap technology**.

Features	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

Laser pointer
Welding monitoring camera
Torch (cooled) single-arc Long-Wire-Out 5/32" - cod.VS02-010E-A002
Torch single-arc Long-Wire-Out narrow-gap 5/32" - cod.VS03-030E-A001
Torch single-arc tandem 1/8" Ø3.2mm - cod.VS01-030D-A001
Contact tip for Torch single-arc 1/8" Ø3.2mm - cod.VS01-000D-C001
Contact tip for Torch single-arc 5/32" Ø4mm - cod.VS01-000E-C001
Contact tip for Torch single-arc 5/64" Ø2mm - cod.VS01-000B-C002
Contact tip for Torch single-arc Long-Wire-Out 5/32" Ø4mm - cod.VS02-010E-C002