

SP315S Infrared Butt Fusion Welder



SIZES: 110 – 315mm (4" – 12")

VOLTAGE: 400 VAC/3 Phase/1 Plug

METHOD: Non Contact



The **SP315S** is an automatic welding machine for heating element infrared welding of PE, PP, PVDF and ECTFE pipes and fittings from OD 110 to OD 315 mm (4 to 12") in the workshop or in the field. It has two large aluminum pipe clamps which accept reducers for different pipe sizes, as well as two narrow fitting clamps for fittings with short legs.

The electronically controlled infrared heating element with limit stops has a special ceramic coating and control lamps for system and interval checking. Temperature adjustment is carried out by means of a digital control unit with separate mains plug and switch. The electric planer and heater rest on precise 2-axis-guiding and glide out between the welding pieces from the protective cover when in use. A shipping crate serves for the transport and the protected storage of the complete SP315 welding kit.

A power transformer (208 V/3 Phase to 400 V/3 Phase) is included in rentals or purchased separately.

features

- Ideal for PVDF, PP, UPP and ECTFE butt fusion piping systems
- Fully automated welding process
- Electronic process control and data logging
- Large touch screen with selectable languages

welder kit components

Welding Machine

	SP 315
Basic machine	✓
Heating element	✓
CNC unit	✓
Transport case	✓
Pipe support	✓
Allen wrenches	✓
Thermal printer	✓
Data transfer cable	✓
USB data stick	✓
Instruction manual	✓

Clamping Inserts 110-315 mm

	SP 315
Clamping set 315mm	✓
Reducer insert 110mm	✓
Reducer insert 125mm	✓
Reducer insert 140mm	✓
Reducer insert 180mm	✓
Reducer insert 200mm	✓
Reducer insert 225mm	✓
Reducer insert 250mm	✓
Reducer insert 280mm	✓
Shipping weight kg/lbs.	1,180/2,600
Crate size cm	TBA
Power Transformer weight kg/lbs.	134/295
Power Transformer size cm	76x66x94