

IR-Miniplast/2 Infrared (non- contact) Butt Fusion Welder

The IR-Miniplast/2 is a welding machine for heating element infrared welding of PE, PP, PVDF and ECTFE pipes and fittings from OD 20 to OD 110 mm (1/2" to 4") in the workshop or in the field. All models have two large aluminum pipe clamps which accept reducers for different pipe sizes, as well as two narrow fitting clamps for fittings with short legs.

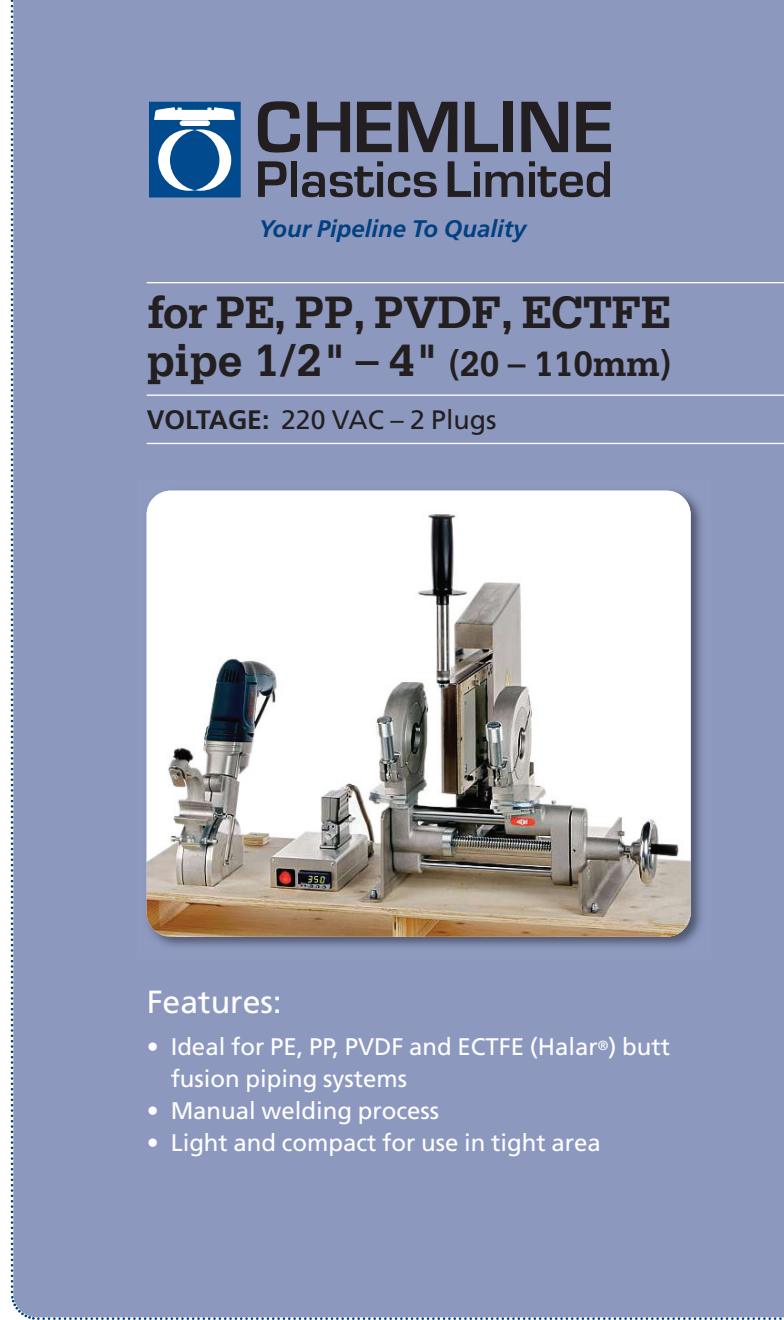
Due to its light and compact construction as well as due to the horizontal and vertical motion, the machine is ideally suited for use in pipeline systems and for installation work. The welder is built on a solid base frame.

The light and compact removable electric planer with built-in limit stops can be hinged into and out of the basic machine. 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. Timing of the welding operation is read off manual welding tables and pressure is applied via handwheel with built-in pressure scale.

A place in the shipping box cover is provided for the safe storage of the planer and the heater rests on precise 2-axis-guiding and is manually slid out between the welding pieces from its protective cover when in use. A wooden box serves for the transport and the protected storage of the complete IR-Miniplast/2 welding kit.

WELDER KIT COMPONENTS

Welding Machine 20-110 mm	IR-MiniPlast/2
Basic machine	✓
Swiveling main clamps	n/a
Planer electric	✓
Planer manual	n/a
Heating element	✓
Heater/planer caddy	n/a
CNC unit or SPA controller	n/a
Control unit for IR heating element	✓
Table clamp	n/a
Transport case	✓
Pipe support	n/a
Instruction manual	✓



Features:

- Ideal for PE, PP, PVDF and ECTFE (Halar®) butt fusion piping systems
- Manual welding process
- Light and compact for use in tight area

Clamping Inserts 20-110 mm	IR-MiniPlast/2
Pipe clamp set 110mm	✓
Fitting clamp set 110mm	✓
Reducer inserts 20mm	✓
Reducer inserts 25mm	✓
Reducer inserts 32mm	✓
Reducer inserts 40mm	✓
Reducer inserts 50mm	✓
Reducer inserts 63mm	✓
Reducer inserts 75mm	✓
Reducer inserts 90mm	✓
Shipping weight kg/Lbs.	38/85
Crate size cm	69x100x70