

Contact Butt Fusion Miniplast/2 Welder



SIZES: 1/2" – 4" (20 – 110mm)

VOLTAGE: 110 VAC/2 Plugs

Planer, Heater and Caddy



Welder and Pipe Clamps

welder kit components

Welding Machine 20-110 mm

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

* Manual planer for rentals, electric planer when purchasing. Option of electric planer on rentals.

Clamping Inserts 20-110 mm

	MiniPlast 2	MiniPlast 2 T-Piece
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.	36/80	
Crate size cm	64x39x36	

The **Miniplast/2/T-Piece** is a welding machine for heating element butt welding of PE, PP, PVDF and ECTFE pipes and fittings from OD 20 to OD 110 mm (1/2" to 4"). 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. The T-piece model clamps are swiveling up to 45° on each side for the fabrication of elbows, tees and segmented bends.

Due to the special construction of the pressure build-up device, the Miniplast/2 and T-piece machines can be fixed directly onto very short pipe ends on walls and sheets.

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. In the case of stationary use, the Miniplast/T-Piece model can be fixed in a vice or in the table support. The light and compact removable manual planer is operated by means of a ratchet, and an electric planer is optional.

The electronically controlled heating element has an anti-stick coating and control lamps for system and interval checking. Temperature adjustment is integral to the Miniplast/T-Piece heater handle. Timing of the welding operation is read off manual welding tables and pressure is applied via handwheel with built-in pressure scale.

A heat-protected box is provided for the safe storage of the planer and the heating element on the Miniplast and T-Piece models. A wooden box serves for the transport and the protected storage of the complete Miniplast/2. Optional heating elements for dual-containment piping welding in 1x3 (90mm/32mm) and 2x4 (110mm/63mm).

features

- Ideal for PE, PP, PVDF and ECTFE butt fusion piping systems
- Horizontal and vertical adjustment
- Compact design
- Ability to make angle welds
- Built in force gauge