

Contact Butt Fusion Maxiplast Welder



SIZES: 1-1/2" – 6" (50 – 160mm)

VOLTAGE: 110 VAC/2 Plugs



The **Maxiplast** is a welding machine for heating element butt welding PE, PP, PVDF and ECTFE pipes and fittings from OD 50 to OD 160 mm (1-1/2" to 6") 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 clamps also swivel up to 15° on each side for the fabrication of segmented bends.

Due to the special construction of the pressure build-up device, the welder can be mounted directly onto very short pipe ends on walls or 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 Maxi 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 Maxi heater handle. Timing of the welding operation is read off manual welding tables and pressure is applied via handwheel with built-in pressure scale. The electric planer has been optimized for easy handling. A heat-protected box is provided for the safe storage of the planer and the heating element. A wooden box serves for the transport and the protected storage of the complete Maxiplast welding kit. Optional heating elements for dual-containment piping welding in 1x3 (90mm/32mm), 2x4 (110mm/63mm) and 3x6 (160mm/90mm).

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

welder kit components

Welding Machine 50-160 mm

| | |
|-------------------------------------|-----|
| Basic machine | ✓ |
| Planer electric | ✓ |
| Heating element | ✓ |
| Protection box | ✓ |
| CNC unit or SPA controller | n/a |
| Control unit for IR heating element | n/a |
| Table clamp | ✓ |
| Transport case | ✓ |
| Pipe support | ✓ |
| Instruction manual | ✓ |

MaxiPlast

Clamping Inserts 50-160 mm

| | |
|-------------------------|----------|
| Pipe clamp set 160mm | ✓ |
| Fitting clamp set 160mm | ✓ |
| Reducer inserts 50mm | ✓ |
| Reducer inserts 63mm | ✓ |
| Reducer inserts 75mm | ✓ |
| Reducer inserts 90mm | ✓ |
| Reducer inserts 110mm | ✓ |
| Reducer inserts 125mm | ✓ |
| Reducer inserts 140mm | ✓ |
| Shipping Weight kg/lbs. | 72/159 |
| Crate size cm | 78x52x63 |

MaxiPlast