



## Butt Welding Machine

Hydraulic operated butt welding machines suitable for PE, PP and other thermoplastic materials pipes and fittings. The self-aligning frame and the compact dimensions make the machines highly suited for working in road construction, ditches, aqueducts, gas ducts, sewers and irrigation systems.

**The model include additional benefits for the operator such as :**

- The electronic thermostat allows a quick welding temperature set up
- Electric facing tool with safety micro-switch, two side cutting blades and facing stopper allowing one side facing
- Hydraulic unit with accumulator, regulating valve, by pass valve and flexible hoses
- Aluminium alloy reductions with "Beep Beep" quick fit system
- The automatic disconnecting device on the basic machine highly suited to detach the pipes from the heating mirror
- Pressure gauge of d. 100 mm on the hydraulic unit,
- Electronic thermostat on the mirror and connection for the LDU (data logger).

Machine produced and duly tested in compliance with regulations in force ( UNI 10565 and CE safety rules).

Specification	
Welding Range	d. 90-315 mm
Standard Voltage	230 V – 50 Hz
Power Consumption	5.14 kW – 25 A
Cylinder Section	8.46 sq.cm.

ARTICLE #	Model
300.315.11	PROTIGA - 250H
300.315.12	PROTIGA -250CNC



## ▶ Machine Composition

Standard Machine Composition:	Kg	cm
<b>Basic Machine</b> : Machine composed by four main clamps d. 315 and two cylinders and heating mirror automatic disconnecting device	78	105x51x60h
<b>Electric Facing Tool</b> removable with shear blades , facing stopper and safety micro-switch.	27	56x50x40h
<b>Heating Mirror</b> removable PTFE coated with electronic temperature control and LDU (data Logger) connection.	13	58x35x7
<b>Electro Hydraulic Unit</b> complete with pressure regulation, by pass and accumulator.	28	48x32x27h
<b>Facing Tool and Heating Mirror Support.</b>	16	50x41x50h
<b>Reduction Inserts Set</b> with “Beep Beep” quick fit system suitable for pipes and fittings d.90-110-125-140-160-180-200-225-250-280	68	

\* M = Manual, H = Hydraulics, CNC = Computerised Numerical Control