



## 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. 90-355 mm
Standard Voltage	230 V – 50 Hz
Power Consumption	5.14 kW – 25 A
Cylinder Section	8.46 sq.cm.

ARTICLE #	Model
300.355.11	PROTIGA - 355H
300.355.12	PROTIGA -355CNC



## ▶ Machine Composition

Standard Machine Composition:	Kg	cm
<b>Basic Machine</b> : Machine composed by four main clamps d. 355 and two cylinders and heating mirror automatic disconnecting device	96	113x68x64h
<b>Electric Facing Tool</b> removable with shear blades , facing stopper and safety micro-switch.	28	43x70x41h
<b>Heating Mirror</b> removable PTFE coated with electronic temperature control and LDU (data Logger) connection.	19	60x39x7
<b>Electro Hydraulic Unit</b> complete with pressure regulation, by pass aand accumulator.	28	48x32x27h
<b>Facing Tool and Heating Mirror Support.</b>	17	50x45x54h
<b>Reduction Inserts Set</b> with “Beep Beep” quick fit system suitable for pipes and fittings d.90-110-125-140-160-180-200-225-250-280-315	77	

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