



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. 630-1000 mm
Standard Voltage	400 V 3ph. – 50 Hz
Power Consumption	19.2 kW – 31 A
Cylinder Section	41.21 sq.cm.

ARTICLE #	Model
300.1000.11	PROTIGA - 1000H
300.1000.12	PROTIGA - 1000CNC



▶ Machine Composition

Standard Machine Composition:	Kg	cm
Basic Machine : Machine composed by four main clamps d. 1000 and two cylinders and heating mirror automatic disconnecting device	1030	270x170x167h
Electric Facing Tool removable with shear blades , facing stopper and safety micro-switch.	273	125x142x40h
Heating Mirror removable PTFE coated with electronic temperature control and LDU (data Logger) connection.	93	104x105x5
Electro Hydraulic Unit complete with pressure regulation, by pass and accumulator.	49	80x51x31h
Facing Tool and Heating Mirror Support.	163	191x120x132h
Reduction Inserts Set suitable for pipes and fittings d. 630-710-800-900	730	

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