



MINI 160 SUPRA



Machine body



Lateral supports and adapters



MINI 160 SUPRA

An ideal welding machine for drainage pipes up to Ø160 mm. It consists of a machine body with a pressure regulating device, a pair of clamps, two lateral supports, an electrically controlled milling cutter for levelling the ends of the pipe and/or fitting with a safety microswitch, an extractable heating plate with automatic device to control the temperature, a sliding support, and a tubular frame that acts also as a work bench and protection when transporting. The **MINI 160 SUPRA** can also weld fittings like **bends, tees and branches** without any additional equipment.

SUPPLIED WITH

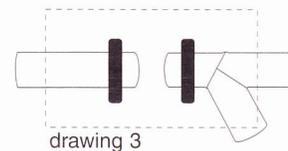
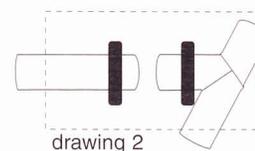
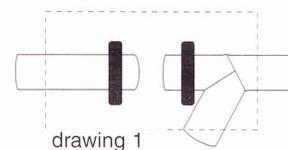
- **Machine body** with a **milling cutter**, **lateral supports** and **service spanners**;
- **TP 200 TF** plate;
- **Lower right (half) clamp Ø 160 SUPRA**;
- **Lower left (half) clamp Ø160 SUPRA**;
- **Frame**;
- **Steel case** complete with **extractable upper jaws SUPRA Ø 40 - 160 mm**, lower (half) **clamps** and **lateral supports adapters Ø 40 - Ø125 mm** (Ø 56 and 140 mm on request).

ON REQUEST (ACCESSORIES)

- **TP 200 TE** plate;
- Lower (half) **clamps adapters Ø 56 and 140 mm** (2 pieces/Ø) [Ø supplied singly];
- Left/right **extractable upper jaws SUPRA Ø 56 mm and 140 mm** (2 pieces/Ø) [Ø supplied singly];
- **Lateral supports adapters Ø56 mm and 140 mm** (2 pieces/Ø) [Ø supplied singly];

The meaning of **SUPRA**

This word identifies the different type of clamps mounted on this welding machine. They have been specifically designed to be able to lock "branch" fittings (shaped like a Y): with extractable and interchangeable jaws, shaped according to the diameter to weld, it is possible to lock all branch points (drawings 1, 2, 3).



TECHNICAL FEATURES

Working range	40 ÷ 160 mm
Power supply	230 V - Single phase - 50/60 Hz
Power absorbed by the TP	1200 W
Power absorbed by the milling cutter	650 W
Total absorbed power	1850 W
Working temperature	TF: 210°C TE: 180 ÷ 280°C (A)
Ambient temperature	-5 ÷ +40°C
Time to reach welding temperature	TF: ~ 15 min. TE: ~ 10 min.
(A) Materials	PE, PP, PB, PVDF

DIMENSIONS (W x D x H)	
Frame	525 x 470 x 710 mm
TP 200 plate	See page 15
Steel case with adapters	535 x 230 x 110 mm
Lower (half) clamps SUPRA	174 x 15 x 279 mm
Machine being transported	525 x 480 x 710 mm
Machine being used	800 x 930 x 1140 mm

WEIGHT	
Frame	4,00 Kg
TP 200 plate	See page 15
Steel case with adapters	3,54 Kg
Lower (half) clamps SUPRA	1,33 Kg
Machine with "SUPPLIED WITH"	54,00 Kg

Weight (Kg) extractable upper jaws (2 pieces/Ø)									
Ø 40	Ø 50	Ø 56	Ø 63	Ø 75	Ø 90	Ø 110	Ø 125	Ø 140	Ø 160
0,90	0,90	0,90	1,14	1,12	1,14	1,10	1,22	1,12	1,10
Total weight: 10,64 Kg									

Weight (Kg) clamps adapters (lower half) (2 pieces/Ø)									
Ø 40	Ø 50	Ø 56	Ø 63	Ø 75	Ø 90	Ø 110	Ø 125	Ø 140	
0,72	0,71	0,67	0,66	0,64	0,58	0,46	0,39	0,30	
Total weight: 5,13 Kg									

Weight (Kg) lateral support adapters (2 pieces/Ø)									
Ø 40	Ø 50	Ø 56	Ø 63	Ø 75	Ø 90	Ø 110	Ø 125	Ø 140	
0,35	0,34	0,33	0,32	0,30	0,28	0,24	0,21	0,16	
Total weight: 2,53 Kg									



SUPRA clamps and adapters



MINI frame support



SUPRA steel case



MINI being transported