



VR 250

## VR 250

A professional welding machine ideal for medium sized pipes and sewers up to Ø250 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 steel case that acts as a work bench and cover when transporting the machine.

The VR 250 can weld fittings such as **bends** and **tees**. **Branches** can also be welded thanks to the **upper extractable jaws** (on request) called **SUPRA**. Available in 110 V and 230 V.

### SUPPLIED WITH

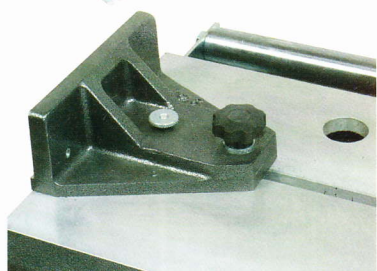
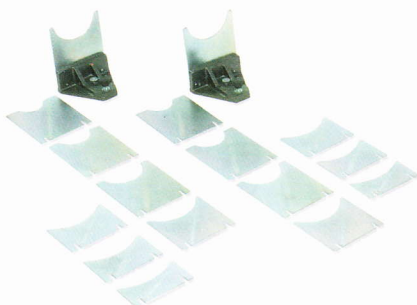
- **Machine body** with a **milling cutter**, **lateral supports**, **clamps adapters** and **lateral supports adapters** Ø 75 - Ø 250 mm (Ø 140 and 180 mm on request) and **service spanners**;
- **TP VR 250 TE** plate;
- **Right clamp** Ø 250;
- **Left clamp** Ø 250;
- **Steel case** (for transporting and for use as a work bench).

### ON REQUEST (ACCESSORIES)

- **Clamps adapters** Ø 140 and 180 mm (4 pieces/Ø)  
[Ø supplied singly];
- **Lateral supports adapters** Ø 140 and 180 mm (2 pieces/Ø)  
[Ø supplied singly];
- Sets of **extractable upper jaws SUPRA** Ø 75, 90, 110, 125, 140, 160, 180, 200, 225 mm (2 pieces/Ø)  
[Ø supplied singly];
- **Wooden case** for SUPRA extractable upper jaws;



Machine body



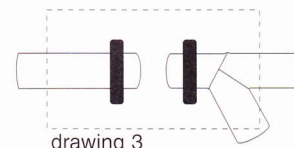
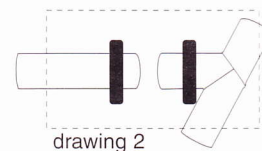
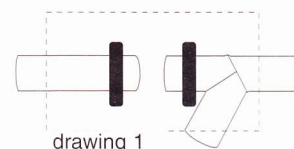
Lateral supports and adapters



Heating plate

### 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	75 ÷ 250 mm	
Power supply	110 V	230 V
	Single phase - 50/60Hz	
Power absorbed by the TP	1300 W	1300 W
Power absorbed by the milling cutter	450 W	705 W
<b>Total absorbed power</b>	<b>1750 W</b>	<b>2005 W</b>
Working temperature	180 ÷ 280°C (^)	
Ambient temperature	-5 ÷ +40°C	
Time to reach welding temperature	~ 20 min.	
(^*) Materials	PE, PP, PB, PVDF	

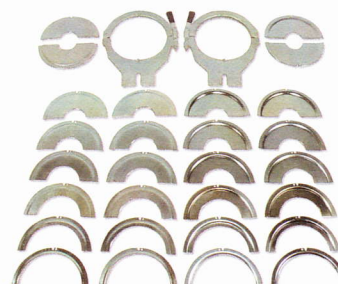
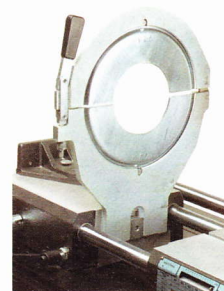
<b>DIMENSIONS (W x D x H)</b>	
Steel case	805 x 565 x 705 mm
TP VR 250 TE plate	450 x 50 x 440 mm
Basic clamps	340 x 20 x 410 mm
Wooden case for SUPRA extractable upper jaws	390 x 200 x 430 mm
Machine being transported	835 x 565 x 760 mm
Machine being used	835 x 1240 x 1530 mm

<b>WEIGHT</b>	
Steel case	20,00 Kg
TP VR 250 TE	5,84 Kg
Basic clamps	4,93 Kg
Machine with "SUPPLIED WITH"	123,00 Kg
Wooden case for SUPRA extractable upper jaws	5,50 Kg

Weight (Kg) <b>clamps adapters</b> (4 pieces/Ø)									
Ø 75	Ø 90	Ø 110	Ø 125	Ø 140	Ø 160	Ø 180	Ø 200	Ø 225	
3,80	3,00	2,90	2,80	2,50	2,20	1,90	1,50	1,50	
<b>Total weight: 22,10 Kg</b>									

Weight (Kg) <b>lateral support adapters</b> (2 pieces/Ø)									
Ø 75	Ø 90	Ø 110	Ø 125	Ø 140	Ø 160	Ø 180	Ø 200	Ø 225	Ø 250
1,20	1,1	1,00	1,10	0,90	0,80	0,70	0,60	0,50	0,40
<b>Total weight: 8,30 Kg</b>									

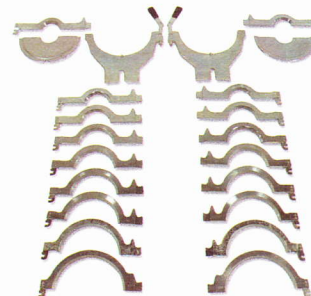
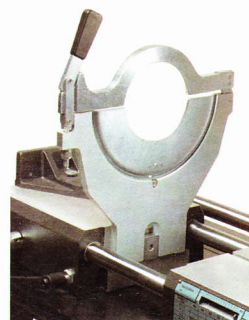
Weight (Kg) <b>SUPRA extractable jaws</b> (2 pieces/Ø)									
Ø 75	Ø 90	Ø 110	Ø 125	Ø 140	Ø 160	Ø 180	Ø 200	Ø 225	
2,30	2,30	2,40	2,40	2,50	2,50	2,50	2,30	2,60	
<b>Total weight: 21,80 Kg</b>									



Basic clamps and adapters



Steel case



SUPRA extractable upper jaws



Wooden case for SUPRA