

PRISMA 90



The **PRISMA 90** is suitable for socket welding of pipes and fittings up to a diameter of **90 mm**, in accordance with the applicable standards.

It is suitable for both on site and in the workshop.

The machine contains :

- a selector switch for setting the welding depths
- an adjustable clamp for securing the tubes + a "V" tube support
- a self-centering clamp for securing the fittings (different brands)
- a self-centering sleeve welding device with electronic temperature control
- a device for the maximum heating depth
- three base legs for the machine
- a tripod to support the tube
- a set of sockets and spikes for \varnothing 20 to 90 mm, supplied in a steel case.

The welding machine is available in two versions, depending on the type of sockets and spikes supplied:

PRISMA 90 type A and **PRISMA 90 type B**.

TECHNICAL DATA

		PRISMA 90
Main tube diameter range	∅	20 - 90 mm
Diameter range branch saddle	∅	-
Materials		HDPE, PP, PB, PVDF
Power supply		230 V 1~
Total power consumption	W	1000 W
Recommended generator		
Temperature setting range	°C	180°C / 290°C (+/- 1°C)
Ambient temperature	°C	-10°C / 40°C
Time needed to reach welding temperature		~10'
Noise level	LwA	lpa < 70 dBA
Mirror temperature		Adjustable
Mirror temperature readable		-
Dimensions machine-base	L x W x H	650 x 1040 x 450 mm
Machine base weight	Kg	
Weld mirror weight	Kg	
Holder weight	Kg	
Weight standard composition	Kg	54 kg

MACHINES

94400501	PRISMA 90 TE TYPE A (230V - 1~) Ø 20 - 90mm
94400584	PRISMA 90 TE TYPE B (230V - 1~) Ø 20 - 90mm

OPTIONS

95301180	Socket & Spigot Ø 20mm (A)
95302180	Socket & Spigot Ø 20mm (B)
95301240	Socket & Spigot Ø 25mm (A)
95302240	Socket & Spigot Ø 25mm (B)
95301300	Socket & Spigot Ø 32mm (A)
95302300	Socket & Spigot Ø 32mm (B)
95301360	Socket & Spigot Ø 40mm (A)
95302360	Socket & Spigot Ø 40mm (B)
95301420	Socket & Spigot Ø 50mm (A)
95302420	Socket & Spigot Ø 50mm (B)
95301480	Socket & Spigot Ø 63mm (A)
95302480	Socket & Spigot Ø 63mm (B)
95301540	Socket & Spigot Ø 75mm (A)
95302540	Socket & Spigot Ø 75mm (B)
95301600	Socket & Spigot Ø 90mm (A)
95302600	Socket & Spigot Ø 90mm (B)
95307041	Socket & Spigot Ø 20mm - Aquatherm
95307042	Socket & Spigot Ø 25mm - Aquatherm
95307043	Socket & Spigot Ø 32mm - Aquatherm
95307044	Socket & Spigot Ø 40mm - Aquatherm
95307045	Socket & Spigot Ø 50mm - Aquatherm
95307046	Socket & Spigot Ø 63mm - Aquatherm
95307025	Socket & Spigot Ø 75mm - Aquatherm
95307026	Socket & Spigot Ø 90mm - Aquatherm

SPARE PARTS

94420501	Machine Body (230V) TYPE A
94420584	Machine Body (230V) TYPE B
83274250	Machine Support
81294400	Steel Case & Accessories Type A
81294410	Steel Case & Accessories Type B
71264250	Transport Case Wood