

PRISMA JIG



This compact socket welding machine for HDPE, PP and PP-R, PVDF, PB is suitable for diameters from **20 to 125mm**. As standard, the **PRISMA JIG** comes with clamps for diameters from 63 to 125 mm. On request, clamps for diameters from 20 to 63 mm can be supplied. The machine has a steel frame that can be used as a support for the alignment body. The unit distinguishes itself by being able to work in tight spaces.

The machine contains:

- A machine house complete with frame and 2 clamps: one fixed and one movable (operated with a cordless drill), the practical handwheels ensure perfect grip. 1 special for the fitting, and a double clamp to hold the tube in place.
- A welding mirror R125Q with fixed temperature control TFE and combined control system. As a result, the TFE device reacts quite quickly to temperature fluctuations due to external causes, and also ensures greater stability, welding precision and reliability over time.
- An acoustic alarm when the welding mirror has reached its temperature, and an automatic switch-off when an irregularity occurs.
- a handle that can be placed on the heating plate, to simplify the work.
- fork support for sleeve welding machine and toolbox
- Clamps for sockets and wedges for diameters 63-75-90-110-125 mm (type A or B)
- Transport case the welding machine, welding thorns & sleeves
- Transport case for machine house

When the work requires a different clamp configuration, it is quite easy to unlock the machine and set it up differently. The welding machine is available in two versions, depending on the bushings and connections: **Type A** and **Type B**.

TECHNICAL DATA

		PRISMA JIG
Main tube diameter range	Ø	(20 - 50) 63 - 125 mm
Diameter range branch saddle	Ø	-
Materials		HDPE, PP
Power supply		230 V 1~
Total power consumption	W	1400 W
Recommended generator		3.5 / 4 kVA
Temperature setting range	°C	260°C (+/- 10°C)
Ambient temperature	°C	-5°C / 40°C
Time needed to reach welding temperature		~15'
Noise level	LwA	-
Mirror temperature		Solid
Mirror temperature readable		-
Dimensions machine-base	L x W x H	400 x 337 x 382 mm
Machine base weight	Kg	9.6 kg
Weld mirror weight	Kg	3.16 kg
Holder weight	Kg	2.5 kg
Weight standard composition	Kg	20 kg

MACHINES

94650071	PRISMA JIG (only machine base, no heating plate)
94650072	PRISMA JIG V2 TYPE A (230V - 1~) Ø 63-125mm
94650081	PRISMA JIG V2 TYPE AQ (230V - 1~) Ø 63 - 125mm
94650073	PRISMA JIG V2 TYPE B (230V - 1~) Ø 63 - 125mm

OPTIONS

85233511	Clamps Ø 20 - 63mm
95300160	Socket & Spigot Ø 16mm (A)
95302120	Socket & Spigot Ø 16mm (B)
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)
95301660	Socket & Spigot Ø 110mm (A)
95302660	Socket & Spigot Ø 110mm (B)
95301720	Socket & Spigot Ø 125mm (A)
95302720	Socket & Spigot Ø 125mm (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
95307047	Socket & Spigot Ø110mm - Aquatherm
95307048	Socket & Spigot Ø125mm - Aquatherm