



OMISA HWT 125 SW light

OMISA HWT 125 SW light - All-purpose socket welder of small dimensions, also for welding overhead and in cramped spaces

for jointing of PP, PP-R, PVDF, PB, and PEHD fittings and pipelines for sizes O.D. 20 - 125 mm. In its standard delivery, sockets and spigots size O.D. 63 - 125 mm are included, with O.D. 20 - 50 mm as an optional extra.

With the **OMISA** quick mounting system, the clamps can be replaced easy as ABC. The clamping chassis can be removed from its steel frame by simply loosening 4 mounting screws and can, therefore, be used in areas that are hard to reach or overhead.

Both clamping the pipe and the fitting and moving the machine carriages are implemented as using ergonomically designed handwheels. Additionally, the motion handwheel

can be removed easily, to move the carriages with a common power tool (drill/screwdriver) as its drive.

A special mention deserves the heating element seat of the clamping chassis, on which to place the heating element. The feature ensures easy insertion and safe removal of the heater, thereby providing reliable change-over management and convenient use that are unique in this category of welding systems.

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SMART PLASTIC WELDING

HWT 125 SW light

Technical Specifications	
Operating range	O.D. 20 - 125 mm
Materials	PP, PP-R, PVDF, PB, PEHD
Heating element (invariable temperature / electronically temperature controlled)	230 V (+/- 10%), 50/60 Hz, 1.5 kW 110 V (+/- 10%), 50/60 Hz, 1.5 kW
Dimensions of clamping chassis	W 650 x H 255 x D 360 mm
Dimensions of machine	W 650 x H 425 x D 360 mm
Weight of clamping chassis	10.9 kg
Weight of machine (w/o accessories)	17.2 kg
Heating spigot/socket dimensions per DVS 2208-1 type A/type B	63, 75, 90, 110, 125 mm (20, 25, 32, 40 + 50 mm optional)
Accessories	Sheet metal transport box for sockets, spigots, tools, and clamps (63 - 125 mm) included (clamps, sockets, spigots 20 - 50 mm optional) ,tabletop stand for heating element, user's manual DE, EN, FR, RU, ES (PT), DA

OMISA HWT 125 SW light		230 V		110 V	
OMISA HWT 125 SW light Typ A w/ invariable temperature (63-125 mm)	P/N	HWT125-LIA	P/N	HWT125-LIA.1	
OMISA HWT 125 SW light Typ A w/ electronic temperature control (63-125 mm)	P/N	HWT125-LIA.E	P/N	HWT125-LIA.E1	
OMISA HWT 125 SW light Typ B w/ invariable temperature (63-125 mm)	P/N	HWT125-LIB	P/N	HWT125-LIB.1	
OMISA HWT 125 SW light Typ B w/ electronic temperature control (63-125 mm)	P/N	HWT125-LIB.E	P/N	HWT125-LIB.E1	

Optional		
Clamp kit: 2 clamps 20-50 mm	P/N	411-000-052
Accessory kit 1: spigot/socket 20, 25, 32, 40, 50 mm type A	P/N	411-000-050
Accessory kit 2: spigot/socket 20, 25, 32, 40, 50 mm type B	P/N	411-000-051
Chamfering tool size 1 (16-110 mm)	P/N	216-100-002
Chamfering tool size 2 (40-250 mm)	P/N	216-100-003
Stop watch timer for managing welding duration	P/N	219-000-029



Vertical socket welding



Power tool (drill / cordless screwdriver) optional



Heating element removal detach

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You want to learn more about us?
Feel free to ask for a meeting on our premises. Detailed information on the company and on our product range is also available on-line at www.omisa.it