



HELVI MAKER131 PORTABLE WELDING MACHINE

Reference: 99805997

HELVI MAKER131

HELVI MAKER131 Portable welder with inverter technology for electrode welding, ideal electrode diameter of 2.5 mm.

HELVI MAKER131 you can weld with all commercial electrodes, made safe thanks to internal protection systems, it protects itself in cases of overvoltage and overcurrent.

HELVI MAKER131 is equipped with various devices to improve welding, including:

The **hot start** device makes it easier to trigger the electrodes.

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The **arc force** device automatically increases the welding current in case the arc is too short.

The **Anti-sticking** device that prevents the electrode from sticking to the workpiece.

The HELVI MAKER131 portable welding machine is suitable for use with any motor generator.

HELVI MAKER131 TECHNICAL CHARACTERISTICS

Phase type: Single phase

Frequency: 50/60 Hz

Voltage: 230 V

Power 60%: 2.5 KW

Welding type: MMA

No-load voltage: 53 V

Current setting: 10 - 120 A

Maximum current: 120 A

Work cycle at 40°C: 120 A @ 20% - 70 A @ 50% - 55 A @ 100%

Work cycle at 20°C: 120 A @ 30% - 85 A @ 60% - 65 A @ 100%

Electrode diameter: 1.6 ÷ 3.2 mm

Electrode type: 6013 - 7018

Isolation: H

Protection class: IP22S

Length: 285 mm

Width: 120 mm
Height: 255 mm
Weight: 2.8 Kg

Looking for a portable welding machine with different features? [Here](#) you can find the full range of HELVI or other specialized brands

Images and technical data are not binding and may be subject to revision by the supplier

Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Voltage (V)	230
Cooling	Air
Protection degree	IP22S
Motor insulation class	H
No-load voltage (V)	53
Regulation current (A)	10 ÷ 120 A
Welding current (A)	120
Amp. 60974-1 (40°)	120 A @ 20% • 70 A @ 50% • 55 A @ 100%
Diameter electrodes (mm)	1,6 ÷ 3,2
Maximum diameter electrodes (mm)	3.2
Type of welding current	DC
Type of welding	MMA / MIG
Current max (A)	120
Power consumption (W)	2500
Length (mm)	285
Width (mm)	120
Height (mm)	255
Voltage regulator	Inverter
Weight (Kg)	2.8