



## HELVI MAKER171 PORTABLE WELDING MACHINE

Reference: 99805998

### HELVI MAKER171

HELVI MAKER171 is a portable welding machine with inverter technology for electrode welding, ideal electrode diameter of 2.5 mm.

With HELVI MAKER171 you can weld with all commercial electrodes, the output is safe thanks to the internal protection systems, it protects itself in case of overvoltage and overcurrent.

HELVI MAKER171 is equipped with various devices to improve welding, including:

The **hot start** device facilitates electrode ignition.

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 MAKER171 is suitable for use with any motor generator.

#### TECHNICAL FEATURES HELVI MAKER171

Phase type: Single phase  
Frequency: 50/60 Hz  
Voltage: 230 V  
Power 60%: 2.5 KW  
Welding type: MMA  
No-load voltage: 70 V  
Current setting: 10 - 160 A  
Maximum current: 120 A  
Work cycle at 40°C: 160 A @ 15% - 80 A @ 60% - 65 A @ 100%  
Work cycle at 20°C: 160 A @ 25% - 100 A @ 60% - 80 A @ 100%  
Electrode diameter: 1.6 ÷ 40 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 ÷ 160 A
Welding current (A)	160
Amp. 60974-1 (40°)	160 A @ 15% • 80 A @ 60% • 65 A @ 100%
Diameter electrodes (mm)	1,6 ÷ 4.0
Maximum diameter electrodes (mm)	4.0
Type of welding current	DC
Type of welding	MMA / MIG
Current max (A)	
Power consumption (W)	2500
Length (mm)	285
Width (mm)	120
Height (mm)	255
Voltage regulator	Inverter
Weight (Kg)	2.8