



## HELVI FOX 189

Reference: 99820051

### HELVI FOX189 Welding machine

HELVI FOX189 is a multi-process welding machine for MMA and MIG welding. HELVI FOX189 is a welding machine that can weld steel, stainless steel, aluminium, flux cored welding wire and brazing wire.

The main features of the HELVI FOX189 welding machine are:

- Inverter technology
- Automatically compensates for power grid imbalances
- Lightness and versatility
- Convenient patented torch and cable holder compartment
- Easy adjustment thanks to reference scales
- Excellent results even for inexperienced welders
- Suitable for use with generator

HELVI FOX189 is a single-phase welding machine with 230 V power supply and 50/60 Hz frequency. The HELVI FOX189 welding machine has a rated power of 60% of 1900 VA for a maximum current of 180.

The HELVI FOX189 welding machine is designed for MMA and MIG welding with electrodes ranging from 1,6 mm to 4 mm in diameter and for wires of different materials:

- steel (diameter from 0,6 mm to 1 mm)
- stainless steel (diameter from 0,8 mm to 1 mm)
- aluminium (diameter from 0,9 mm)
- aluminium (diameter from 0,8 mm to 1 mm)
- brazing (diameter from 0,8 mm to 1 mm)

The no-load voltage of the HELVI FOX189 welding machine is 54 V in MMA and 24 V in MIG.

The HELVI FOX189 welder has H insulation and IP22S protection rating.

HELVI FOX189 is very compact and comfortable to transport thanks to its light weight of about 10 Kg and the comfortable handle.

#### Technical characteristics of the HELVI FOX189 welding machine:

Phase type: Single-phase

Frequency: 50/60 Hz

Voltage: 230 V

Power: 1900 VA

Type of welding: Multiprocess

Open-circuit voltage: 54 V (MMA) / 24 V (MIG)

Current regulation: 20 - 180 A (MMA) / 25 - 180 A (MIG)

Duty cycle at 40°: 180 A at 20% - 75 A at 100%

Maximum current: 180 A

Steel welding wire diameter: 0.6 - 1 mm

Stainless steel welding wire diameter: 0.8 - 1 mm  
 Flux cored welding wire diameter: 0.9 mm  
 Aluminium welding wire diameter: 0.8 - 1 mm  
 Brazing wire diameter: 0.8 - 1 mm  
 Electrode diameter: 1.6 - 4 mm  
 Electrode type: 6013 - 7018 - CrNi  
 Insulation: H  
 Degree of protection: IP22S  
 Length: 480 mm  
 Width: 220 mm  
 Height: 385 mm  
 Weight: 10.5 Kg

If instead you are looking for another product similar to the HELVI FOX189 welding inverter, then we recommend you look at the entire range dedicated to welding machines.

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Voltage (V)	230
Protection degree	IP22S
Power (VA)	1900
Motor insulation class	H
No-load voltage (V)	54 (MMA) / 24 (MIG)
Regulation current (A)	20 - 180 (MMA) / 25 - 180 (MIG)
Welding current (A)	180 at 20% - 75 at 100%
Diameter electrodes (mm)	1 - 4
Ø steel welding wire (mm)	0.6 - 1
Ø inox welding wire (mm)	0.8 - 1
Ø aluminium welding wire (mm)	0.8 - 1
Ø flux cored welding wire (mm)	0.9
Ø brazing wire (mm)	0.8 - 1
Type of welding	Multiprocess
Current max (A)	180
Length (mm)	480
Width (mm)	220
Height (mm)	385
Product type	Welding machine
Weight (Kg)	10.5