



## HELVI FOX 211

Reference: 99820053A

### HELVI FOX211 Welding machine

HELVI FOX211 is a microprocessor controlled MIG/MAG, TIG and STICK multi-processed welding machine, which guarantees exceptional arc stability and splash-free welding. In stick position the microprocessor controls the Hotstart, Arc Force and anti-glue functions, in TIG position the lift arc function and in MIG mode gives the possibility of manual welding and total synergy. HELVI FOX211 with motor ascent ramp adjustment, automatic wire coupling for soft arc initiation. Thanks to its simplicity and versatility, the HELVI FOX211 welding machine is ideal for use in bodywork, small carpentry and maintenance work. All the functions of the HELVI FOX211 welding machine are easily selectable on the front panel. On the HELVI FOX211 welding machine there are digital displays for displaying welding voltage and current and the various parameters selected.

The HELVI FOX211 welding machine is designed for MIG/MAG, TIG and STICK welding with electrodes ranging from 1,6 mm to 5 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)
- animated (diameter from 0,9 mm)
- aluminium (diameter from 0,8 mm to 1 mm)
- brazing (diameter from 0,8 mm to 1 mm)

HELVI FOX211 is a single-phase welding machine with 230 V power supply and 50/60 Hz frequency. The HELVI FOX211 welding machine has a rated power of 60% of 5500 VA for a maximum current of 200.

The no-load voltage of the HELVI FOX211 welder is 65 V in MMA, 65 V in TIG and 35 V in MIG.

The HELVI FOX211 welder has H insulation and IP22S protection rating.

HELVI FOX211 is very compact and comfortable to transport thanks to its light weight of about 19 Kg and the comfortable handle.

#### Technical characteristics of the HELVI FOX211 welding machine:

Phase type: Single-phase

Frequency: 50/60 Hz

Voltage: 230 V

Power: 5500 VA

Type of welding: Multiprocess

Open-circuit voltage: 65 V (MMA) / 65 V (TIG) / 35 V (MIG)

Current regulation: 5 - 200 A (MMA) / 5 - 200 A (TIG) / 20 - 200 A (MIG)

Duty cycle at 40°: 200 A at 35% - 120 A at 100% (MMA) / 200 A at 35% - 120 A at 100% (TIG) / 200 A at 35% - 140 A at 100% (MIG)

Maximum current: 200 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 - 5 mm

Electrode type: 6013 - 7018 - CrNi  
Insulation: H  
Degree of protection: IP22S  
Length: 480 mm  
Width: 220 mm  
Height: 385 mm  
Weight: 19 Kg

If instead you are looking for another product similar to the HELVI FOX211 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)	5500
Motor insulation class	H
No-load voltage (V)	65 (MMA) / 65 (TIG) / 35 (MIG)
Regulation current (A)	5 - 200 (MMA) / 5 - 200 (TIG) / 20 - 200 (MIG)
Welding current (A)	200 at 35% - 120 at 100% (MMA) / 200 at 35% - 120 at 100% (TIG) / 200 at 35% - 140 at 100% (MIG)
Diameter electrodes (mm)	1.5 - 5
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)	
Length (mm)	480
Width (mm)	220
Height (mm)	
Product type	Welding machine
Weight (Kg)	19