



HELVI COMPACT EVO 280 AC/DC

Product price:

5.013,00 € tax excluded

Product description:

HELVI COMPACT EVO280 Welding machine

HELVI COMPACT EVO280 is an inverter welding machine designed for the TIG AC welding process of aluminium and its alloys and for TIG DC welding of steel. The electric arc is triggered by HF or LIFT ARC. HELVI COMPACT EVO280 is also available in MMA mode for rutile and basic electrode welding. Thanks to inverter technology and microprocessors, the welding process is controlled at all times ensuring excellent welding dynamics and optimal arc initiation. The new HELVI COMPACT EVO280 is equipped with a practical and intuitive control panel. Thanks to the touchscreen technology it is possible to set the welding parameters quickly and easily. It is however possible to adjust the machine using the two knobs on the panel.

The HELVI COMPACT EVO280 welding machine is available in 3 operating modes: Basic, Intermediate and Advanced. HELVI COMPACT EVO280 has the possibility to store up to 99 programs. The functions available in TIG mode of the HELVI COMPACT EVO280 welder are: ascent ramp (from 0 to 10 seconds), descent ramp (from 0 to 10 seconds), pre-gas (from 0 to 25 seconds) and post-gas (from 0 to 25 seconds).

As far as the MMA mode is concerned, the adjustable parameters are Hot Start and Arc Force. In the HELVI COMPACT EVO280 welding machine there is also the VRD function necessary for use in high risk environments. Possibility of remote adjustment by means of manual controls, foot pedal or Tig up-down torch.

HELVI COMPACT EVO280 is a three-phase welding machine with 400 V power supply and 50/60 Hz frequency. The HELVI COMPACT EVO280 welder has a power rating of 60% of 9200 VA for a maximum current of 250 A.

The HELVI COMPACT EVO280 welding machine is designed for MMA and TIG welding with electrodes with diameters ranging from 1 mm to 3.2 mm (TIG) and from 1.6 mm to 5 mm (MMA). The no-load voltage of the HELVI COMPACT EVO280 welding machine is 55 V and has a current regulation from 5 A up to 250 A.

The HELVI COMPACT EVO280 welder has H insulation and IP22S protection rating.

HELVI COMPACT EVO280 is very compact and extremely light thanks to its weight of about 32 Kg as well as comfortable to carry thanks to the handle.



Technical characteristics of the HELVI COMPACT EVO280 welding machine:

Phase type: Three-phase

Frequency: 50/60 Hz

Voltage: 400 V

Power: 9200 VA

Type of welding: MMA / TIG

Open-circuit voltage: 55 V

Current regulation: 5 - 250 A

Duty cycle at 40°: 250 A at 50% - 230 A at 60% - 200 A at 100% (TIG) / 250 A at 40% - 210 A at 60% - 190 A at 100% (MMA)

Maximum current: 250 A

Electrode diameter: 1 - 3.2 mm (TIG) / 1.6 - 5 mm (MMA)

Electrode type: 6011 - 6013 - 7018 - Cast iron - CrNi - Aluminium

Insulation: H

Degree of protection: IP22S

Length: 530 mm

Width: 255 mm

Height: 460 mm

Weight: 32 Kg

If instead you are looking for another product similar to the HELVI COMPACT EVO280 welding inverter, then we recommend you look at the entire range dedicated to welding machines.

Images and technical data are not binding.

Product features:

Phase: Three phase

Frequency (Hz): 50 / 60

Voltage (V): 400

Protection degree: IP22S

Power (VA): 9200

Motor insulation class: H

No-load voltage (V): 55

Regulation current (A): 5 - 250

Welding current (A): 250 at 50% - 230 at 60% - 200 at 100% (TIG) / 250 at 40% - 210 at 60% - 190 at 100% (MMA)

Diameter electrodes (mm): 1 - 3.2 mm (TIG) / 1.6 - 5 mm (MMA)

Type of welding: MMA / MIG

Current max (A): 250

Length (mm): 530

Width (mm): 255



Height (mm): 460

Product type: Welding machine

Weight (Kg): 32