



HELVI PC EVO 50.1

Reference: 99830031K

HELVI PC EVO 50.1 Plasma cutter

HELVI PC EVO 50.1 is a plasma cutter system already prepared for the H70 torch. The HELVI PC EVO 50.1 made with inverter technology guarantees precise and clean plasma cutting up to 22 mm thick and a lean cutting capacity of 15 mm. The HELVI PC EVO 50.1 is handy and easy to use, it is suitable for all high speed cutting jobs on small thicknesses. The front panel of the HELVI PC EVO 50.1 plasma presents a simple and immediate graphic for the adjustment of the cutting current, and to signal the intervention of all internal safety devices. Further safety for the operator is guaranteed by a special Start system. The HELVI PC EVO 50.1 plasma is ideal for bodywork, air conditioning systems and general sheet metal working.

HELVI PC EVO 50.1 is a single-phase plasma cutter system with 230 V power supply and 50/60 Hz frequency. HELVI PC EVO 50.1 has a power rating of 60% of 5 KVA for a maximum current of 45 A.

The no-load voltage of the HELVI PC EVO 50.1 plasma is 270 V.

HELVI PC EVO 50.1 has H insulation and IP22S protection rating.

HELVI PC EVO 50.1 is very compact and comfortable to transport thanks to its very light weight of about 19,1 Kg and the comfortable handle.

Technical characteristics of the HELVI PC EVO 50.1 plasma cutter:

Phase type: Single-phase

Frequency: 50/60 Hz

Voltage: 230 V

Power: 5 KVA

Type of cut: Plasma cutter

Open-circuit voltage: 270 V

Current regulation: 20 - 45 A

Duty cycle at 40°: 45 A at 50% - 32 A at 100%

Maximum current: 45 A

Separation cut: 22 mm

Quality cut 25 cm/min: 15 mm

Air pressure: 5 bar

Air capacity: 220 Lt/min

Insulation: H

Degree of protection: IP22S

Length: 495 mm

Width: 195 mm

Height: 395 mm

Weight: 19.1 Kg

Inverter

Looking for a product with different technical characteristics? [HERE](#) you can find the area dedicated to HELVI plasma cutting equipment or other specialized brands.

Images and technical data are not binding.

Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Voltage (V)	230
Protection degree	IP22S
Power (VA)	5000
Motor insulation class	H
Pressure (bars)	5
No-load voltage (V)	270
Current range (A)	45 A at 50% - 32 A at 100%
Regulation current (A)	20 - 45
Thickest cut (mm)	22
Current max (A)	45
Length (mm)	495
Width (mm)	195
Height (mm)	395
Product type	Plasma cutter
Voltage regulator	Inverter
Weight (Kg)	19.1