

DC INVERTER PLASMA CUTTING MACHINE

EN

Gladius

plasma cutting

Product identification

Part numbers:

PLPM040COM – PLASMA CUTTER GLADIUS 40 COMPR



Reference standards

Directive 2004/108/EC
Directive 2006/95/EC
EN 60974-1
EN 60974-10

Description & Applications

GLADIUS 40 Compressor machines are a new generation of portable equipment for manual plasma cutting. They are equipped with inverter technology and pilot arc controller that ensure an optimal current adjustment, excellent performance and cutting quality with increased capability and speed.

GLADIUS 40 Compressor machines are combined with a high-quality cutting torch (without HF) specifically tested to obtain the maximum performance. This model is equipped with integrated air compressor and has been designed to allow excellent performances anywhere. Lightweight, complete and really standalone, it meets the needs of the most demanding and professional users.

PILOT ARC CONTROLLER

Increases cutting capabilities and speed.
Extends tip's life. Ideal for grid cutting.

AUTOMATIC PROTECTIONS

Equipped with sensors to protect and alarm for overheating and over-current.

LIGHTWEIGHT

Extremely low weight and versatility.

EQUIPPED WITH

- Earth Clamp (with cable)
- Hand Cutting Torch SOLARIS M60 4m (Central connection)

General applications:

PLASMA cutting applications.



GCE Gas Control Equipment

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Specifications of unit:	
Power plug	Schuko
Power Supply Voltage (V)	230 V ± 10% single-phase
Frequency (Hz)	50/60 Hz
Rated Input Power (KW)	4.9 KW
Rated Input Current (A)	32 A
Duty Cycle (40°C 10Min)	60% 40A 100% 30A
Max. No Load Voltage (V)	220 V
Cutting Current Range (A)	20~40 A
Severance Cut (mm)	≤14 mm (Carbon Steel)
Production Cut (mm)	≤12 mm (Carbon Steel) ≤12 mm (Stainless Steel) ≤12 mm (Aluminum) ≤5 mm (Copper)
Dimensions (mm)	520 x 213 x 400 mm
Net Weight (Kg)	18 Kg
Insulation Class	H
Protection Class	IP23
Cooling	AF
Use with Power Generator	NO
Equipment	Hand Cutting Torch SOLARIS M60 4m with Central connection 1 Additional Tip different size Earth Clamp Wrench for tip
Specifications of air compressor:	
Power Supply Voltage (V)	230 V ± 10% single-phase
Frequency (Hz)	50/60 Hz
Rated Input Power (W)	≤ 350 W
Rated Flow (m ³ /h)	1.8 m ³ /h (400 KPa) 3.8 m ³ /h (0 KPa)
Rated Work Pressure (KPa)	400 KPa
Max. Instant Pressure (KPa)	650 KPa
Rated Speed	≥1390 RPM
Noise	≤70 dB (A)
Insulation Class	B
Capacity	8 uf

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