

DC INVERTER PLASMA CUTTING MACHINE

Gladius

plasma cutting



EDITION 1/2016

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.



EN 60974-1
EN 60974-10
EN 60974-7



DC

REFERENCE STANDARDS

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

EQUIPPED WITH

- Earth Clamp (with cable)
- Hand Cutting Torch SOLARIS M60 (Direct connection)

Art. Nr.	Description
PLPM040COM	PLASMA CUTTER GLADIUS 40 COMPRESSOR

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 (m³/h)	1.8 m³/h (400 KPa)
	3.8 m³/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

TECHNICAL DATA

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):	520×213×400 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
	1 Additional Tip different size
	Earth Clamp
	Wrench for tip

SOLARIS

HAND CUTTING TORCHES SOLARIS

The torches SOLARIS are the new torches for Hand Plasma Cutting by GCE with excellent performance. High cutting speed and high quality of cut make these torches very efficient. Ergonomic handle and central connections provide ease of use and practicability. Suitable for the most demanding users. Excellent value for money.

FEATURES

- Ergonomic handle.
- Trigger protection against accidental starting.
- Strong and ergonomic Central connection.
- Ignition with high frequency.
- Consumables fully interchangeable with torches of other brands.
- Accessories included.



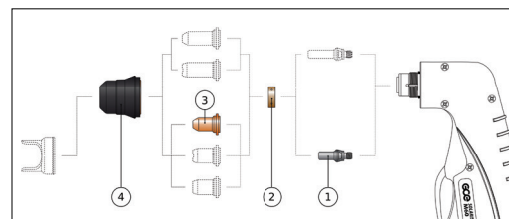
Ergonomic Handle



Trigger protection



Central connection



Cutting torch SOLARIS M60

CONSUMABLES TORCH SOLARIS M60

Art. Nr.	Description	
TP002320	Nozzles (×10) 10 (mm)	Nr. 3
TP002412	Shield cup (×2) with 4 holes	Nr. 4
TP002212	Electrodes (×10)	Nr. 1
TP002155	Swirl ring (×2)	Nr. 2