

DC INVERTER PLASMA CUTTING MACHINE



Gladius plasma cutting

GLADIUS machines are a new generation of a 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 machines are combined with a high-quality cutting torch (without HF) specifically tested to obtain the maximum performance. Two versions to meet your needs : with or without air compressor.

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.

AIR FILTERING

Air filtering with automatic water drainage (model without compressor).

EQUIPPED WITH

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



PLASMA



Central connection EURO type

Art. Nr.	Descr.	Qt.	Stock class.
PLPM040	PLASMA CUTTER GLADIUS 40	1	DFW
PLPM040COM	PLASMA CUTTER GLADIUS 40 COMPR	1	DFW

TECHNICAL DATA

	Gladius 40	Gladius 40 COMPR
Power Supply Voltage (V):	230 V ± 10% single-phase	230 V ± 10% single-phase
Frequency (Hz):	50/60 Hz	50/60 Hz
Rated Input Power (KW):	4.8 KW	4.9 KW
Rated Input Current (A):	33 A	32 A
Duty Cycle (40°C 10Min):	60% 40A	60% 40A
Max. No Load Voltage (V):	220 V	220 V
Cutting Current Range (A):	20~40 A	20~40 A
Severance Cut (mm):	≤25 mm (Carbon Steel)	≤14 mm (Carbon Steel)
Production Cut (mm):	≤20 mm (Carbon Steel)	≤12 mm (Carbon Steel)
	≤20 mm (Stainless Steel)	≤12 mm (Stainless Steel)
	≤16 mm (Aluminum)	≤12 mm (Aluminum)
	≤12 mm (Copper)	≤5 mm (Copper)
Net Weight (Kg):	5.7 Kg	18 Kg
Insulation Class:	H	H
Protection Class:	IP23	IP23
Cooling:	AF	AF
Use with Power Generator:	YES	NO



Directive 2004/108/EC
Directive 2006/95/EC
EN 60974-1
EN 60974-10
EN 60974-7