

- ✓ IGBT inverter technology
- ✓ Infinitely adjustable
- ✓ Pilot ARC ignition
- ✓ 2-stroke / 4-stroke switch
- ✓ 5 years warranty



SOLDERATECH 
powered by

Plasma cutter 100A

product code: PL100HG

This Solderatech powered by HG plasma cutter cuts steel and aluminum with high-quality results. The PL100HG is among the heavier plasma cutters, it ignites very easily thanks to the HF ignition and cuts easily through rusted, coated or structured material up to 35mm. The plasma cutter has four swivel castors, making it mobile during use.

The PL100HG has a user-friendly control panel and can even be adjusted during cutting work to achieve the best cutting result.

The modern IGBT inverter technology ensures that the PL100HG delivers sustainable performance with more power and a higher duty cycle. Overload protection in combination with a built-in fan prevents overheating and ensures that high-quality cutting performance is guaranteed over a long period of time.

Ideal for cutting carbon steel, low alloy steel, stainless steel and aluminum alloys.

Every PL100HG comes standard with:

- Solderatech PL141M3 plasma torch with 5m cable
- Workpiece clamp with 3m 16mm² cable
- Gas pipe of 4m with quick coupling
- 5-pin 32A plug with 3m 4x2.5mm² cable
- Standard 9mm Dinse cable couplings



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Specifications	
voltage	400 V
frequency	50/60 Hz
fuse protection	3x 20 A
duty cycle	60% - 100A / 100% - 78A (at 40 degrees ambient temperature)
welding current range	20 - 100 A
max. unloaded voltage	325 V
recommended cutting thickness	25 mm
max. cutting thickness	35 mm
average air / gas consumption	220 L/min
protection class	IP21S
dimensions	719 x 308 x 633 mm
weight	56 kg

SOLDATECH

powered by **HG**

Legend PL100HG



IGBT
The latest IGBT inverter technology guarantees the best welding performance.



DC
Constant DC power output.



Thermal protection
Prevents overheating of the welding machine.



HF Ignition
High frequency ignition; ignition without touching the material.



Pilot Arc
Pilot arc ignition: This pre-ignition guarantees start-up of the plasma cutter.



A stepless
Infinitely adjustable Ampere to an accuracy of 1 ampere.



Post Gas
Adjustable gas flow time.



3Phase
3 phase 400V input.



2T/4T
2T: Press 1x for on. Release for off.
4T: Press and release 1x for on. Press again and release for off.



Digital
Digital display.