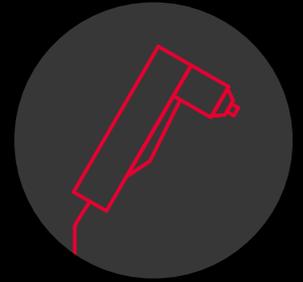




P 80

Inverter Plasma Cutting 400V 3 Phases



Test gas



Motogen.



Safety button

Standards and Warranty

60100-3-12 | 60974-10 | 60974-1



MADE IN ITALY



Cutting Thickness

Quality Cut raccomandated (500mm/min)	_____	25mm
Quality Cut (250 mm/min)	_____	30mm
Maximum Separation	_____	40mm

Pierce Rating: 15mm

Inverter

Inverter technology concentrates high cutting performance in a compact structure. Only 25Kg (without torch) for a Recommended cut of 20mm and Sever of 40mm.

Digital Display

The display allows a correct setting of the cutting current.

1- Torch

With the Plasma 1-Torch consumables life and the cutting quality are considerably higher than others, thus saving time and money. A wide range of consumables allows to find the perfect cutting

combination.

Reset

The Reset Button allows anyone who operates on the torch to avoid accidental arc trigger The cutting arc is enabled with the Reset button for maximum operator safety.

CNC

P80 delivers cutting capacity of 8mm at 1m/min speed with 80% Duty Cycle at 40° C.

HST™ Hot Start Time

Possibility to set the Hot Start Time (40% more current) on the CNC function for more precise and faster

starting.

EOL™ End of Life

Advanced function advice the operator when consumables are worn and need to be replaced

SMP™ Stel Module Power

Maximum flexibility to use of any type of power components with advantages on availability and technological updating.



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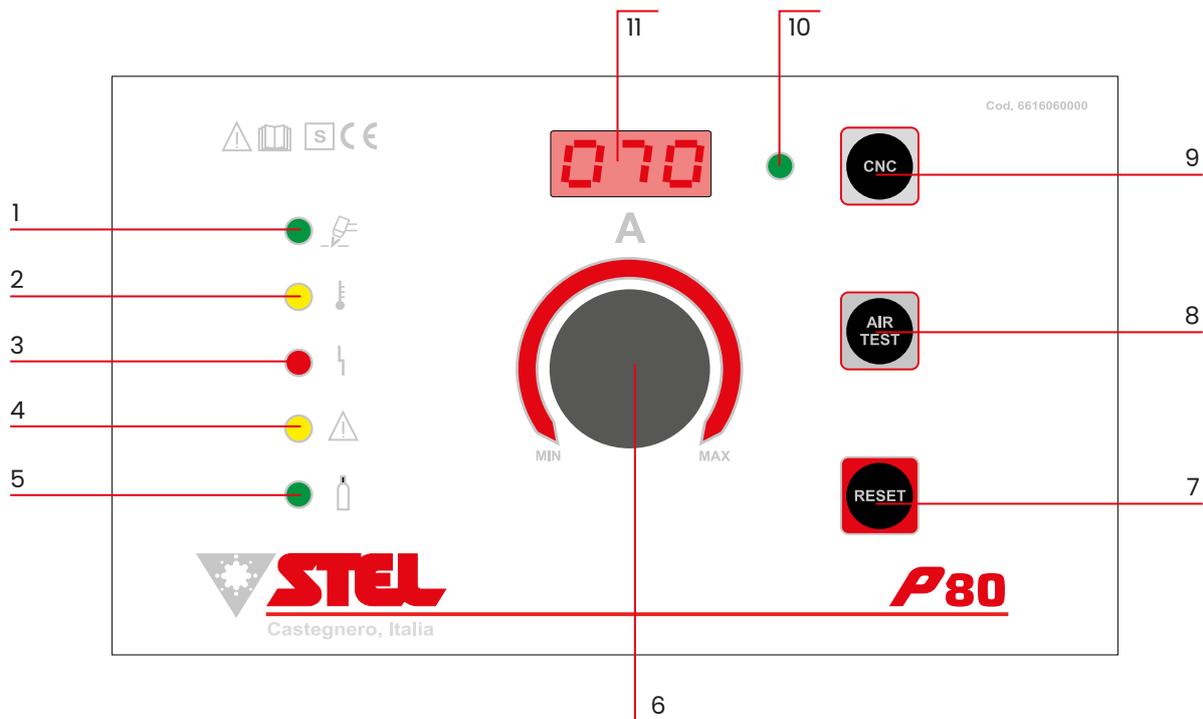
Technical Data

Main Voltage	400 V	Work Temperature	40°C
Phases	3	Current Range	20-70 A
Frequency	50/60 Hz	Cutting Current 40% (25°C)	60 A
Real Current (35%)	9,5 A	Cutting Current 100% (25°C)	55 A
Real Power (35%)	6,4 KVA	Cutting Current 35% (40°C)	70 A
Power Factor	0,80	Cutting Current 60% (40°C)	55 A
Efficiency	85%	Cutting Current 100% (40°C)	50 A
No Load Voltage	320 V	Earth Clamp	10 mm ²
Degree of Protection	IP 23	Length x Width x Height	620x210x350
Insulation Class	H	Weight	22 Kg
Safety Approved			

The data were collected at a temperature of 40°C.

Front Panel Description

- | | | |
|---------------------------------------|--|------------------------------------|
| 1. Led Cutting enable | 5. Led air presence | 9. CNC mode button |
| 2. Led overtemperature | 6. Encoder cutting current regulation | 10. Led CNC enable |
| 3. Led allarm protection | 7. RESET Button | 11. Welding Current Display |
| 4. Led end of life consumables | 8. Air Test Button | |



Accessories

1. 600263000L

Earth Clamp Cable 10 mm²

2. 601764000L

Torch Plasma SL80 6m



3. 601765000L

Torch Plasma SL80 7,5m Automatic

4. 6074800000

Delux Circle Cutting Kit