

PS 51S *BUILT IN AIR PUMP*

**Plasma Cutting
Power Source**

Quick Specs

Industrial Applications

Maintenance
Light Construction
Prototyping
Body Shops
Fabrication
HVAC Ductwork

Power Voltage

1 Phase AC240V ±15%

Input Current

31A/7.5kVA

Output Current

15-45A
Max. OCV: 253VDC

Output Voltage

96V

Duty Cycle

60%

Weight

15.2KG

Dimensions

D440×H340×W250MM

Cutting Capability

Rated: 12MM
Air Pressure Required
4-5.5 Bar

Portable. Professional. Rugged. Affordable.

PS 51S plasma cutting system offers much more than you would expect from a welder this size. Weighing in at just under 15.2kg the Inverter PS 51S is no lightweight contender. It packs the full punch of a heavyweight professional that you can take to the most demanding job sites. It can operate from a portable generator.

FEATURES

- **Touch Start System** – Reliable plasma arc initiation with high frequency.
- **Postflow cooling circuit** extends the life of the consumables and torch by cooling them with postflow air after the trigger is released (15~20s).
- **Long Consumable Life** New heavy duty electrode and nozzle design save you money in the long run.
- **Thermal overload protection with indicator light** helps prevent machine damage if the duty cycle is exceeded or airflow is blocked.

PROCESSES

Air Plasma Cutting



INCLUDED

PS 51S Machine Only Includes:

- PS 51S
- 5M SG55 PLASMA TORCH.
- 2.5M work cable and clamp.

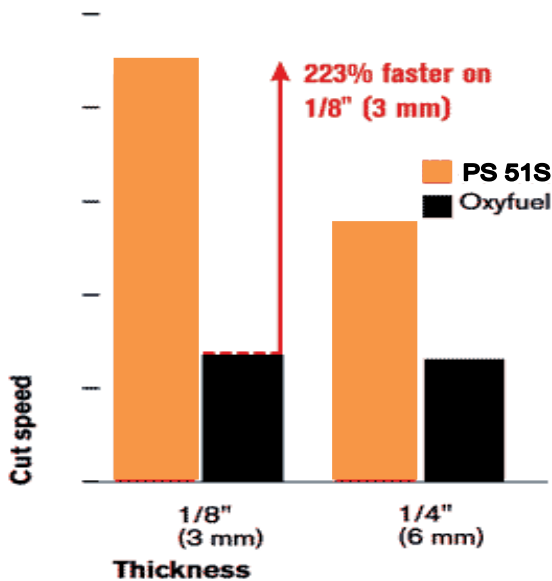
INPUT



OUTPUT



Relative cut performance on mild steel.



Operating data

Capacity	Thickness	Cut speed
	Handheld cut	
Recommended	1/4" (6 mm)	20 ipm (500 mm/min)
	3/8" (10 mm)	10 ipm (250 mm/min)
Severance	1/2" (12 mm)	5 ipm (125 mm/min.)

*Please note that the specification may vary within each country. Specifications are subjected to change without notice.



Welding Technology