

PS 105S *BUILT IN AIR PUMP*

**MMA/Plasma
Power Source**

Quick Specs

Industrial Applications
Maintenance
Light Construction
Prototyping
Body Shops
Fabrication
HVAC Ductwork

Power Voltage
3 Phase AC415V ±15%

Input Current
17.4A/12.5kVA

Output Current
30-90A
Max. OCV: 310VDC
Output Voltage
90V-112V

Duty Cycle
60%
Weight
35KG

Dimensions
D550xH560xW350MM
Cutting Capability
Rated: 32MM
Air Pressure Required
4-5.5 Bar

Portable. Professional. Rugged. Affordable.

PS 105S plasma cutting system offers much more than you would expect from a welder this size. Weighing in at just under 35kg the Inverter PS 105S 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

- **Pilot arc 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
Stick



INCLUDED

PS 105S Machine Only Includes:

- PS 105S
- 5M P80 PLASMA TORCH.
- 2.5M work cable and clamp.

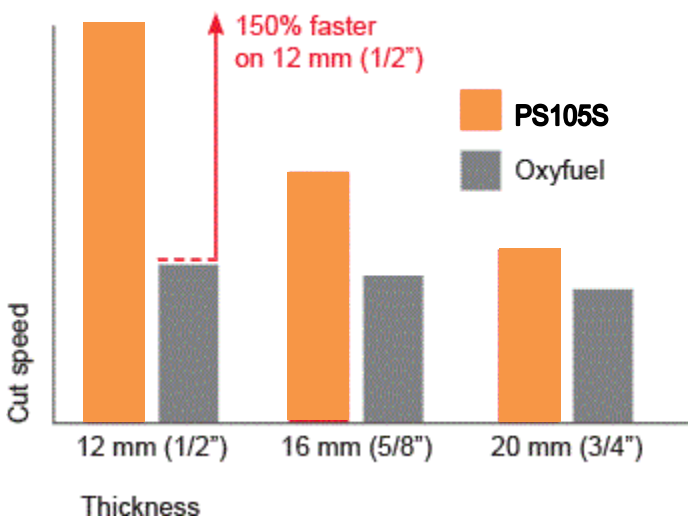
INPUT



OUTPUT



Relative cut performance on mild steel



Operating data

Capacity	Thickness	Cut speed
Handheld cut		
Recommended	19 mm	20 ipm (500 mm/min)
	25 mm	10 ipm (250 mm/min)
Severance	32 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