

PROCUT-125HD

- The PROCUT-125HD has the same features as the PROCUT-105HD. but with more power from an output current of 125Amps, Designed to maximize uptime and productivity for Air plasma cutting.
- The cutting capacity can reach 18mm (dross free) for Air/Air gas with CNC cutting, maximum productivity.



Specifications

System	PROCUT-125HD
Input Voltages	380V, 3PH, 50/60Hz 400V, 3PH, 50/60Hz 220V, 3PH, 50/60Hz
Max. Load Power Capacity	20.3KVA
Rated output voltage	175VDC
Max output current	125A
Duty cycle rating 40°C(105°F)	380V/400V: 100% @125A 3PH 220V: 100% @125A 3PH
Operating temperature	-10°C~40°C
Open circuit voltage (OCV)	380VDC
Dimensions	680*310*650mm
Weight	45KG
Torch	TP125, 7.5m
Recommended gas inlet flow rate/pressure	Cutting: 260 l/min (550 scfh) @ 5.9 bar (85 psi) Gouging: 212 l/min (450 scfh) @ 4.1 bar (60 psi)
Gas supply	Clean, dry, oil-free air or nitrogen
Certifications	CE,ROHS
Warranty	Power supplies have a 3-year warranty

Excellent Cutting Performance

- Maximum productivity:

The system offers a 100% duty cycle, can be quickly cut less than 20mm mild steel, and 25mm(1") CNC pierce capability, and fast gouging metal removal.

- Long life consumables:

Reduce costs with long consumables life and more up time.

- More reliability and stability:

Designed with 100% duty cycle for the most demanding production environments.

Designed and tested as the TOPWELL PROCUT series product for superior reliability in the most demanding cutting environments.

- Economic:

Low maintenance for maximum uptime.



Cutting Capacity (Carbon Steel)

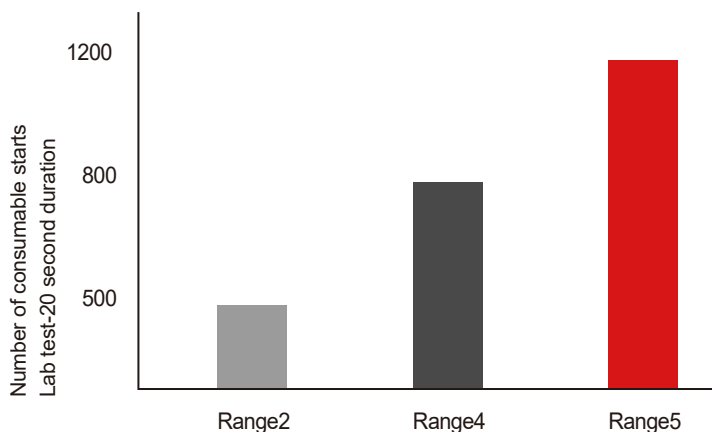
Capacity	Thickness	Cut speed
Dross free(CNC)	18mm	1000mm/min
Pierce*	25mm	
Cut angle(ISO9013)	Range 2	
Severance (Hand cutting)	60mm	125mm/min

*Pierce rating for handheld or with CNC torch height control

Gouge capacity	Removal rate	Groove profile
Plasma gouging		
Typical gouge	9.8kg/h	6.4mm Dx 7.4mm W

Long-life Consumables

- 12mm mild steel;
- 125A Air/Air;
- 20s duration;
- The number of consumable starts can reach more than 500 times (ISO9013 Range 2).



Plasma Torch:TP125



Simple Operation:

- TOPWELL ProCUT-125HD series integrated plasma solutions deliver the industry's best precision cutting on carbon steel, low alloy steels and so on;
- Easy to install, easy to operate, easy to maximize performance;
- User-friendly control system, simple and intuitive operation interface;
- Digital control, and advanced diagnostics simplify troubleshooting and service;



HIGH PERFORMANCE CUTTING

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