

HIGH PERFORMANCE CUTTING



PROCUT Series

HD CNC Cutting, Great for a wide thickness from 1mm to 15mm.

PROCUT-75MAX

- With more power from an output current of 75Amps, this premier system is for 25mm(1") handheld cutting.
- Designed as a portable machine, the operator can easily select exactly the right tool for job:
- Hand cutting, gouging, portable automation, X-Y table, and so on.

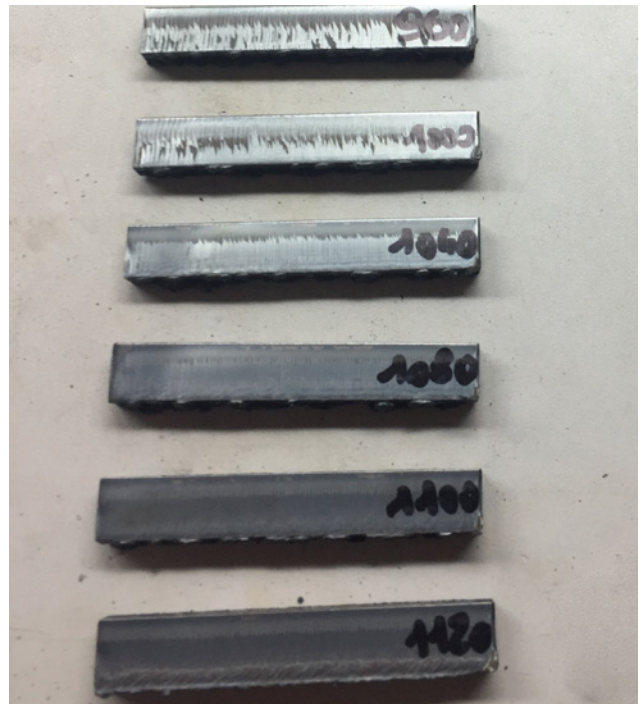
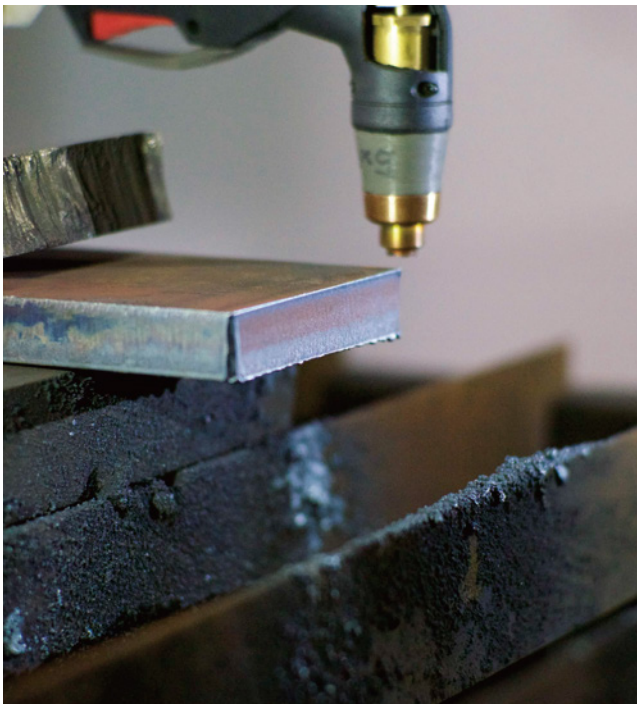


Specifications

System	PROCUT-75MAX
Input Voltages	380V, 3PH, 50/60Hz 400V, 3PH, 50/60Hz 220V, 1PH, 50/60Hz
Max. Load Power Capacity	13.6KVA
Rated output voltage	145VDC
Max output current	75A
Open circuit voltage (OCV)	300VDC
Duty cycle rating 40°C(105°F)	380V/400V: 60% @75A 220V: 60% @75A
Operating temperature	-10°C~40°C
Dimensions	540*240*480mm
Weight	22KG
Torch	TP80, 6m TP105, 7.5m
Recommended gas inlet flow rate/pressure	CUTTING: 400 scfh, 6.7 scfm @ 85 psi Gouging: 450 scfh, 7.5 scfm @ 70 psi
Certifications	CE,ROHS
Warranty	Power supplies have a 3-year warranty

Advantages

- Light weight, compact design and convenient mounting feet allow for easy mounting in any application.
- Finish jobs faster with cut speeds two and three times greater than other traditional cutting process.
- Speed less time on secondary operations due to superior cut and gouge capacity.
- A powerful 60% duty cycle to handle long time production cutting in the toughest environments.
- The torch is versatile and durable enough to handle a variety of jobs.
- Topwell's long-life consumable deliver operating cost that is less than half the competition.



Cutting Capacity (Carbon Steel)

Capacity	Thickness	Cut speed
Dross free(CNC)	12mm	900mm/min
Pierce*	16mm (Use TP-105 Torch)	
Cut angle(ISO9013)	Range 4	
Recommended cut (Hand cutting)	25mm	500mm/min
Severance (Hand cutting)	35mm	125mm/min

*Pierce rating for handheld or with CNC torch height control

PROCUT-105MAX

- The PROCUT-105MAX plasma system provides the superior cutting capacity for reliable, long consumable life and low cost operation characteristics across a wide range of industrial application.
- The cutting capacity can reach 16mm (dross free) for Air/Air gas with CNC cutting, maximum productivity.



Specifications

System	PROCUT-105MAX
Input Voltages	380V, 3PH, 50/60Hz 400V, 3PH, 50/60Hz 220V, 3PH, 50/60Hz
Max. Load Power Capacity	16KVA
Rated output voltage	160VDC
Max output current	105A
Duty cycle rating 40°C(105°F)	380V /400V: 100% @105A 220V : 80% @105A 100% @88A
Operating temperature	-10°C~40°C
Open circuit voltage (OCV)	350VDC
Dimensions	680*310*650mm
Weight	45KG
Torch	TP105, 7.5m
Recommended gas inlet flow rate/pressure	Cutting: 460 scfh, 7.7 scfm @ 85 psi Gouging: 480 scfh, 8.0 scfm @ 70 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 cutting speed of dross free can reach 900mm/min for 16mm mild steel.

- Higher 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.

- Long life consumables:

Reduce costs with long consumables life and more up time.

- Economic:

Low maintenance for maximum uptime.



Cutting Capacity (Carbon Steel)

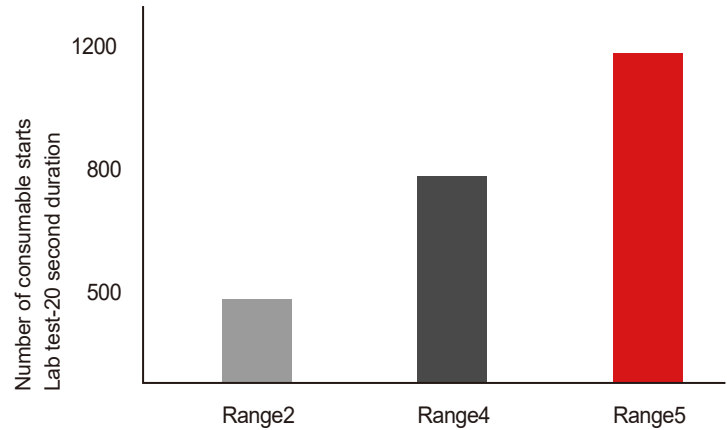
Capacity	Thickness	Cut speed
Dross free(CNC)	16mm	900mm/min
Pierce*	22mm	
Cut angle(ISO9013)	Range 2	
Severance (Hand cutting)	50mm	125mm/min

*Pierce rating for handheld or with CNC torch height control

Gouge capacity	Removal rate	Groove profile
Plasma gouging		
Typical gouge	8.8kg/h	5.8mm Dx 7.1mm W

Long-life Consumables

- 12mm mild steel;
- 105A Air/Air;
- 20s duration;
- The number of consumable starts can reach more than 500 times (ISO9013 Range 2).



Plasma Torch: TP105



Simple Operation:

- TOPWELL ProCUT-105MAX 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;

PROCUT-125MAX

- The PROCUT-125MAX has the same features as the PROCUT-105MAX. 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-125MAX
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 rating40°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)

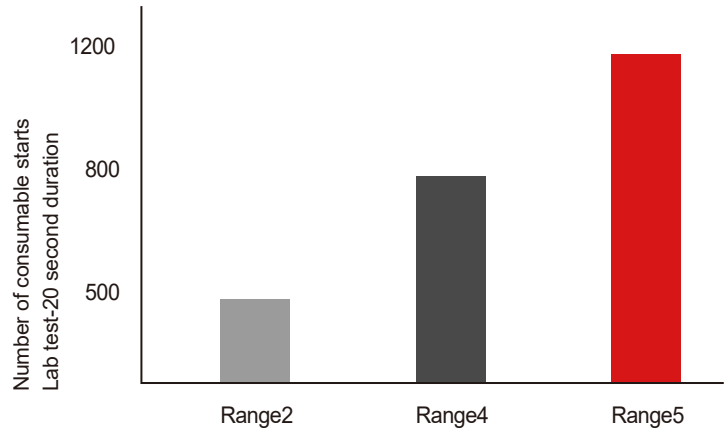
Capacity	Thickness	Cut speed
Dross free(CNC)	18mm	1000mm/min
Pierce*	25mm	
Cut angle(ISO9013)	Range 2	
Severance (Hand cutting)	60mm	125mm/min

*Pierce rating for handheld or with CNC torch height control

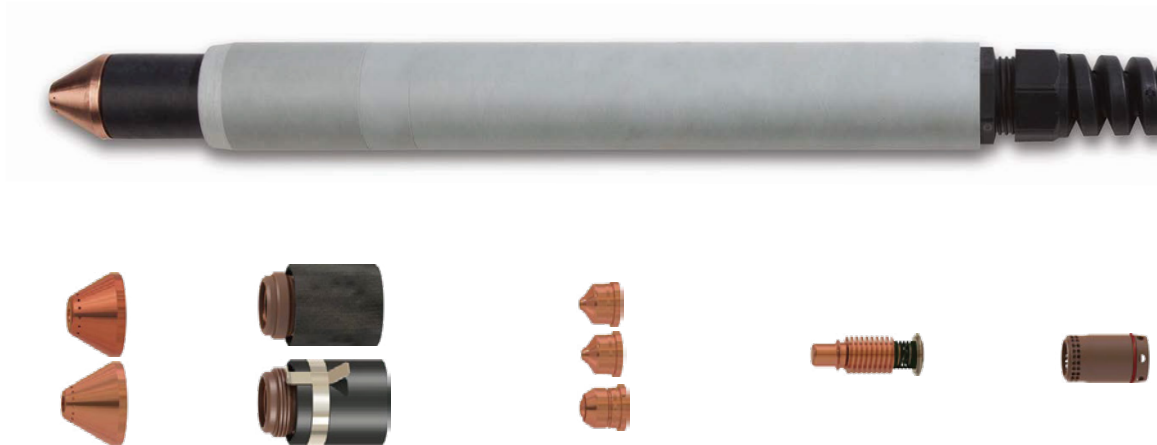
Gouge capacity	Removal rate	Groove profile
Plasma gouging		
Typical gouge	9.8kg/h	6.4mm Dx 7.4mm W

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-125MAX 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

Web & Mail

www.cn-topwell.com
sales@topwellwelders.com

Phone

(+86)571-88231791
(+86)571-88231792