



High Performance Cutting

PROCUT SERIES

Recommend for CNC dress-free cutting up to 18mm



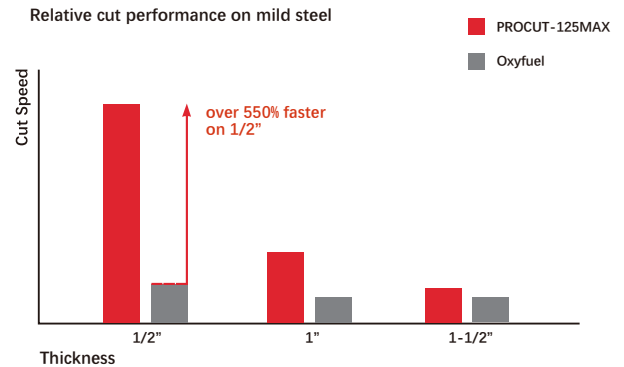
Superior Mechanized Cutting Capacity

- Fast and clean cut (dross-free) up to 18mm, and max pierce up to 25mm for mild steel.
- It can provide versatility for portable automation, X-Y table cutting, extended reach cutting, and robotic cutting.



Maximum Productivity

- Finish jobs faster with cut speeds five times greater than oxyfuel on 12 mm (1/2") mild steel.
- Superior cut quality let you spend less time on grinding and edge preparation.
- 100% duty cycle maximizes your cutting time.
- Multiple, easy-to-use torch styles let you tackle a wide variety of jobs using the same system.



Lower Operating Costs

- Consumable life up to four times longer than other systems in this amperage range.
- Electrode end-of-life detection protects the torch and workpiece from damage by automatically 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.



Operation Data by CNC

Material Thickness (mm)	PROCUT 105MAX		PROCUT 125MAX	
	Cutting Current (A)	Cutting Speed (mm/min)	Cutting Current (A)	Cutting Speed (mm/min)
6	105A	4110	125A	4980
8	105A	3220	125A	3800
10	105A	2410	125A	2750
12	105A	1810	125A	2050
16	105A	1050	125A	1260
20	105A	780	125A	980
25			125A	610

Operation Capacity

	PROCUT 105MAX		PROCUT 125MAX	
	Thickness	Speed	Thickness	Speed
For CNC				
Dross Free	16mm	900mm/min	18mm	900mm/min
Max Pierce*	22mm	700mm/min	25mm	610mm/min
For Manual Cutting				
Recommended	32mm	500mm/min	35mm	500mm/min
Severance	50mm	125mm/min	60mm	125mm/min
For Gouging				
Metal Removal Rate	21.7 lbs per hour		27.6 lbs per hour	
Groove Profile	0.25" Dx 0.29" W		0.31" Dx 0.39" W	

*Pierce rating for handheld using or with CNC torch height control

Manual Cutting

With its portability and high power, PROCUT system are also available with a handheld or machine torch to fit the application, leaving a good quality cut edge.



Gouging

PROCUT systems are also effective for gouging metal, fast and clean.



Specifications

PROCUT 105MAX

Input voltages(± 10%)	380 V, 3 PH, 50/60Hz
Kilowatt output	16.8 kW
Input current @ 16.8kW	380V,3-PH,44A
Output current	105 A
Rated output voltage	160 VDC
Duyt cycle @ 40°C(104°F)	105 A @ 100%
Open circuit voltage(OCV)	350 VDC
Dimensions with handles	680 mm D;310 mm W;650 mm H
Weight with 7.5 m Torch	55 KG
Torch	CNC:TP 105/7.5 M
Gas supply	Air
Recommended gas inlet flow rate/pressure	217 l/min (460 scfh) @ 6.5 bar (94 psi)
Engine drive requirement	30 kW for full 105 A output
Certifications	CE, ROHS



For Mechanized Cutting

TP105 CNC Torch And Consumables



Shield



Nozzle Retaining cap



Nozzle



Electrode



Swirl ring

PROCUT 125MAX

Input voltages(± 10%)	380 V/400 V, 3 PH, 50/60Hz
Kilowatt output	21.9 kW
Input current @ 21.9kW	380/400V, 38/36A
Output current	125 A
Rated output voltage	175 VDC
Duyt cycle @ 40°C(104°F)	125 A @ 100%
Open circuit voltage(OCV)	380 VDC
Dimensions with handles	680 mm D;310 mm W;650 mm H
Weight with 7.5 m Torch	55 KG
Torch	CNC:TP 125/7.5 M
Gas supply	Air
Recommended gas inlet flow rate/pressure	260 l/min (550 scfh) @ 5.9 bar (85 psi)
Engine drive requirement	40 kW for full 125 A output
Certifications	CE, ROHS



For Mechanized Cutting

TP125 CNC Torch And Consumables



Shield



Nozzle Retaining cap



Nozzle



Electrode



Swirl ring



High Performance Cutting

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