

Pro-Cut[®] 25

The Pro-Cut[®] 25 is one handy cutting tool to have around. Ideal for hobby, farm, HVAC, autobody shop or sheet metal fabrication, this professional-grade plasma cutting system lists a host of features that will make your metal cutting jobs safe, fast and easy! Weighing in at only 29.5 lbs. (13.4 kg), it generates 25 amps of cutting power capable of cutting electrically conductive materials up to 3/8" (9.5 mm) thick.

Patented Vortech[™] technology torch consumables are built to deliver efficient performance and long life. Parts-in-Place[™] torch safety features prevent the torch from operating when sensing parts are not in the proper position. Auto-reconnect feature properly sets up the machine when you plug into 115 volt or 230 volt input power.



Output



Input



Processes

Air Plasma Cutting, Gouging

Advantage Lincoln

- 25 amps of cutting power from only a 29.5 lb. (13.4 kg) package (without cables) for competitive performance on materials up to 3/8" (9.5 mm) thick.
- Patented PCT 20 torch with VORTECH[™] technology consumables for unmatched cutting speed, precision, and long life.
- 60% duty cycle at maximum output assures generous high end capacity when connected to 230V.
- Automatic re-connection between 115V and 230V for easy power connection and flexibility.
- Can be powered by most Lincoln engine driven welders for ultimate portability.
- Back-lit LED system for status indicators. Eliminates guesswork yet conveys all the information necessary to monitor power source readiness.
- Parts-in-Place[™] safety indicator and lockout circuit for added operator safety and system protection.
- Two-year warranty on parts and labor (1 year warranty on plasma torch).

TECHNICAL SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current Duty Cycle	Input Current @ Rated Output	Pilot Current	Output Range	Air Pressure Required	Air Flow Rate	Dimensions H x W x D in. (mm)	Net Weight without Torch lbs (kg)
Pro-Cut [®] 25	K1756-1	115/1/50/60	25A/35% ⁽¹⁾ 20A/60%	37.7A 26.7A	12A	12-25A	65 PSI	240 CFH	10.2 x 6.3 x 16.1 (260 x 160 x 410)	29.5 (13.4)
		230/1/50/60	25A/60% 20A/100%	19A 15A						

⁽¹⁾ Full output current requires use of 30 amp branch circuit and plug.

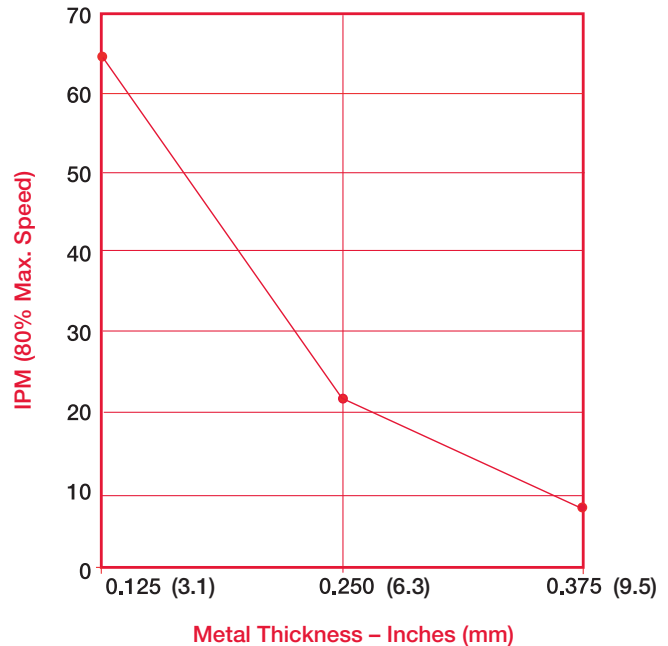
A CLOSER LOOK

PERFORMANCE

CUTTING CAPACITY - MILD STEEL

Material Thickness	Recommended Travel Speed	Recommended Input Circuit
Up to 1/4 in. (6.4mm)	22 ipm (.55m/min.)	20 Amp Circuit
Up to 3/8 in. (9.5mm)	9 ipm (.22m/min.)	30 Amp Circuit

CUT CAPACITY DATA @ 25 AMPS - MILD STEEL

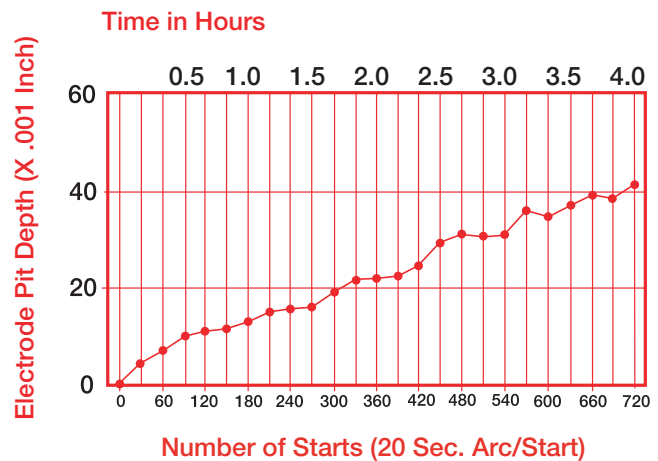


EXPENDABLE PARTS

Ordering Information	Description
K1615-1	15 ft. PCT 20 Hand Torch ⁽¹⁾
KP2063-1B1	Electrode
KP2062-1B1	VORTECH™ Nozzle (.028)
KP2064-1	Shield Cup

⁽¹⁾ Supplied with Pro-Cut® 25 plasma cutter.

ELECTRODE LIFE TEST DATA⁽¹⁾



⁽¹⁾ Electrode erosion of .060" is typically end of electrode life.

FEATURES

- One control dial with current indicator for easy operation and setup.
- Air pressure regulator and pressure gauge are standard.

QUALITY AND RELIABILITY

- Line voltage compensation.
- Thermostatically protected against overheating.
- Automatic over-voltage protection shuts down vital components if the input voltage rises above preset levels.
- PCT 20 torch shares common internal components with the larger 80 amp torch model for the ultimate in torch reliability.
- Manufactured under a quality system certified to ISO 9001 requirements and ISO 14001 environmental standards.
- Two-year warranty on parts and labor (1 year warranty on plasma torch).

RECOMMENDED OPTIONS

VORTECH® Technology consumables produce a tighter plasma arc by concentrating the swirl.



Provides an additional kick of arc constriction that “tightens” the arc, concentrating more cutting power than conventional consumables.



Extra swirl built into the bottom of the nozzle.



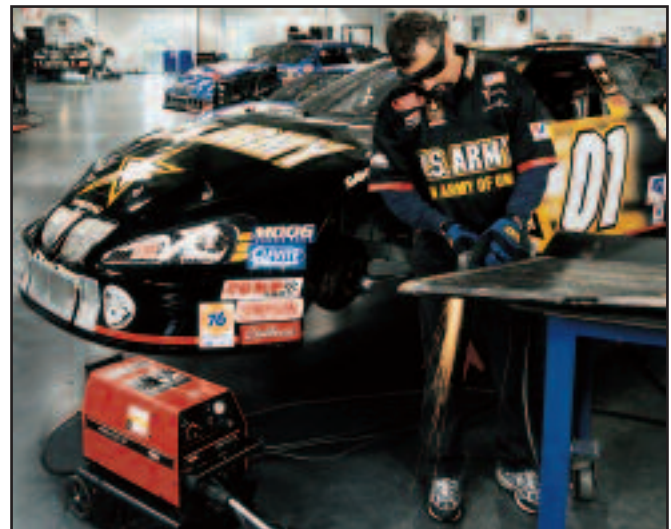
A long powerful arc cuts thicker and quicker than most comparable units on the market today.



Patented torch technology with air controls in the torch handle allows for faster arc ignition.

BASE UNIT INCLUDES

- PCT 20 Hand Torch, 15 ft. (4.5m)
- Work lead and clamp
- Spare consumables
- Built-in air pressure regulator with gauge
- Input Cord with 115V, 15 amp plug (NEMA 5-15P)
- 115V, 20 amp plug included



Winner's Don't Compromise!
Take the Pro-Cut® 25 anywhere. Auto-sensing 115 or 230 volt input power systems make it easy to set up and get to work.

RECOMMENDED OPTIONS

GENERAL OPTIONS



Combination Circle Cutting Kit
 For cutting circles from 2" to 40" (50.8 to 1016mm) in diameter. Works with all PCT 20 and PCT 80 torches.
Order K1625-1



Suction Pivot
 For use with non-magnetic metals.
Order K1628-1

GENERAL OPTIONS, CON'T.



Replacement Bushing
 Replacement bushing for Circle Cutting Kit.
Order K1626-1

PRO-CUT® 25 ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
PRO-CUT® 25 w/15 ft. (4.5 m) Hand Torch	K1756-1		
RECOMMENDED GENERAL OPTIONS			
Combination Circle Cutting Kit	K1625-1		
Suction Pivot	K1628-1		
Replacement Bushing	K1626-1		
	TOTAL:		

CUSTOMER ASSISTANCE POLICY

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