

PLASMA CUTTER

● Light Industrial

● Medium Industrial

PLASMA CUT 45-1M

The Plasma CUT45 D is a powerful and portable Plasma cutting machine. This unit can clean cut 5/8-inch (15mm) thick steel and it can sever cut up to 0.8-inch (20mm). It's powerful, lightweight design and dual voltage capability make it perfect for use with a generator or in the shop. A must have for welders who demand quick cuts with precision.

FEATURES

- 45A of cutting power.
- High Duty cycle: 100% @ 30A, 60% @35A.
- Tested in (104°F/40°C), designed for the toughest conditions.
- High quality European TRAFIMIT cutting Torch Included, common easy to replace consumables- available all-over North America.
- Ability to cut expanded metals and uneven surfaces.
- Pilot arc (no HF) improves cutting on dirty and/or rusted metals.
- Automatic shut-off if air pressure is too low or disconnected (extends consumable life).
- All re-strike for quick cutting of material with gaps.
- Internal pressure switch to maintain the machine within safe low- & high-pressure parameters.
- Internal pressure regulator with built in dirt and moisture separator/filter.
- Comprehensive 3 Year Warranty.



PLASMA CUT 45-1M Technical Specification

Process	PLASMA CUTTING	
Input Voltage, Single Phase, 50/60 Hz	208 to 240 V(±10%)	
Primary Current@Max Welding Current	208 to 240 V(±10%)	105 to 120 V(±10%)
Maximum Primary Effective Current (I1 eff max)	23 A	29 A
Ignition	13 A	29 A
Maximum Cutting Current	No HF	
Duty Cycle @ Maximum Cutting Current in 104o F (40o C)	45 A	30 A
Cutting Current @ 100% Duty Cycle in 104o F (40o C)	30% (45 A)	100% (30 A)
Cutting Current @ 60% Duty Cycle in 104o F (40o C)	30 A	30 A
Open Circuit Voltage : Volt	35 A	
Sevarance Cutting Thickness of Solid Steel : inch (mm)	290 V	
Maximum Clean Cutting Thickness of Solid Steel : inch (mm)	0.8 in (20 mm)	5/8 in (15 mm)
Note: Cutting Thickness Capacity of Aluminum is 30% less	5/8 in (15 mm)	1/2 in (12 mm)
Recommended Air Flow / Air Pressure	4.0 cfm (115 L/min) at 73 psi (500 kpa)	
Weight : lb (Kg)	27 lb (12.5 Kg)	
Dimensions Including Handle (D,W,H) : inch (mm)	19 x 7 x 13.5 inch (485 x 180 x 345 mm)	

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE

Available Model :

PLASMA CUT 45-1M (PLC2050527)



What Is Included

PLASMA CUT 45-1M

ITEM	PART NO.	
PLASMA CUT 45 -1M	PLB2050527	
Plasma Ground Clamp	ALP0580130	
Gas Welding Hose	TLJ1080189	
Plasma Cutting Torch	TGF0180532	
Canaweld Bag	TGJ2780145	
Plasma Consumable Kits	ALPPLACON	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Welder Cart For Single Phase Machines	TGJ2250681		Welding Helmet (Red Maple A1)	CWPOWER-980S-D2	
Welding Helmet (Black A1)	CWPOWER-980S		Welding Helmet (Coal Fire A1)	CWPOWER-980S-P08	
Welding Helmet (Sugar Maple A1)	CWPOWER-980S-D1				