

PLASMA CUTTER

● Light Industrial

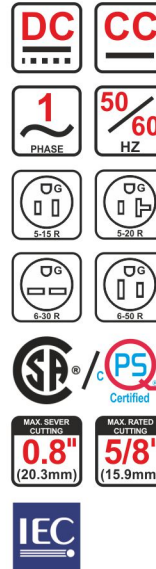
● Medium Industrial

PLASMA CUT 45 D

PLASMA CUT 45 D – 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) thick steel. 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 safe low- and high-pressure parameters.
- Internal pressure regulator with built-in dirt and moisture separator/filter.
- Comprehensive 3 Year Warranty.



PLASMA CUT 45 Series Technical Specification

Process	PLASMA CUTTING	
Input Voltage, Single Phase, 50/60 Hz	208 to 240 V(±10%)	105 to 120 V(±10%)
Primary Current@Max Welding Current	23 A	29 A
Maximum Primary Effective Current (I1 eff max)	13 A	29 A
Ignition	No HF	
Maximum Cutting Current	45 A	30 A
Duty Cycle @ Maximum Cutting Current in 104o F (40o C)	30% (45 A)	100% (30 A)
Cutting Current @ 100% Duty Cycle in 104o F (40o C)	30 A	30 A
Cutting Current @ 60% Duty Cycle in 104o F (40o C)	35 A	
Open Circuit Voltage : Volt	290 V	
Sevarance Cutting Thickness of Solid Steel : inch (mm)	0.8 in (20 mm)	5/8 in (15 mm)
Maximum Clean Cutting Thickness of Solid Steel : inch (mm)	5/8 in (15 mm)	1/2 in (12 mm)
Note: Cutting Thickness Capacity of Aluminum is 30% less		
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 D (PLC2050527)
Version 2022







What Is Included

PLASMA CUT 45 Series

ITEM	PART NO.	
PLASMA CUT 45 D	PLB2050527	
Plasma Ground Clamp	ALP0580449	
Gas Welding Hose	TLJ1080189	
Plasma Cutting Torch	TGF0180534	
Canaweld Bag	TGJ2780145	
Plasma Consumable Kits	ALPPLACON	
Adapter Plug 230-120V	CGA9980060	
Shoulder Strap	CGA9980052	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Welder Cart For Single Phase Machines	TGJ2250681		Premium All-Function Welding Helmet Series	CWPOWER-980S-BLK	
Superior True-View Welding Helmet Series	CWPOWER-990T-BLK		Premium All-Function Welding Helmet Series	CWPOWER-980S-CO	
Classic Duty Welding Helmet Series	CWELITE-550S-BLK	