

● Light Industrial

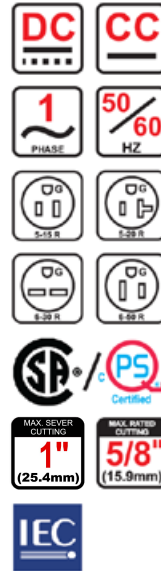
● Medium Industrial

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 1" (25.4mm) 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 and durable Plasma 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 4 Year Warranty.



PLASMA CUT 45 D 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 104° F (40° C)	30% (45 A)	100% (30 A)
Cutting Current @ 100% Duty Cycle in 104° F (40° C)	30 A	30 A
Cutting Current @ 60% Duty Cycle in 104° F (40° C)	35 A	
Open Circuit Voltage : Volt	290 V	
Sevarance Cutting Thickness of Solid Steel : inch (mm)	1"(25.4 mm)	5/8"(16 mm)
Maximum Clean Cutting Thickness of Solid Steel : inch (mm)	5/8"(16 mm)	1/2"(12 mm)
Note: Cutting Thickness Capacity of Aluminum is 30% less		
Gas	Air / N2	
Gas Flow	320 scfh (150 lpm)	
Gas Pressure	65-75 psi (4.4-5.0 bar)	
Weight : lb. (Kg)	27 lb. (12.5 Kg)	
Dimensions Including Handle (D,W,H) : inch (mm)	19 x 7 x 13.5"(485 x 180 x 345 mm)	

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE





Available Model :

PLASMA CUT 45 D (PLC2050525)



What Is Included

PLASMA CUT 45 D

ITEM	PART NO.	
PLASMA CUT 45 D	PLC2050525	
Plasma Ground Clamp (215 A-10ft) AWG 4	ALP1980350	
Gas Welding Hose	TLJ1080189	
Plasma Cutting Torch	TGF0180536	
Canaweld Bag	TGJ2780145	
Plasma Consumable Kits	ALPPLACON	
Adapter Plug 230-120V	CGA9980060	
Shoulder Strap	CGA9980052	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (215 A - 20 ft), AWG 4	ALP1980351		C9 Black (Series Helmets)	CWPOWER-990T-BLK	
Ground Clamp Set (215 A - 30 ft), AWG 4	ALP1980352		C5 Black (Series Helmets)	CWELITE-550S-BLK	
Ground Clamp Set (215 A - 50 ft), AWG 4	ALP1980353		C8 Black (Series Helmets)	CWPOWER-980S-BLK	
Welder Cart For Single Phase Machines	TGJ2250681		C8 Coal Fire (Series Helmets)	CWPOWER-980S-CO	