

# PLASMA CUTTER

● Light Industrial

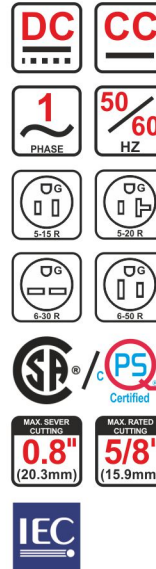
● Medium Industrial

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   | TGF0180536 |    |
| 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 | CWPOWER990T-BLK  |  | Premium All-Function Welding Helmet Series | CWPOWER-980S-CO  |  |
| Classic Duty Welding Helmet Series       | CWELITE-550S-BLK |  |  |                  |   |