Firepower

Plasma Cutting Machines

CC THICKNESS	MAX THICKNESS	INPUT POWER	OUTPUT	MATERIALS	DUTY CYCLE	GAS	GENERATOR	PHASE	CURRENT	WARRANTY
5/8" MILD STEEL (16 mm)	1" MILD STEEL (25 mm)	50 Amp 208/230 VAC	45 AMPS	STEEL STAINLESS STEEL BRASS ALUMINUM	35% @45 AMPS	75 PSI (5.2 bar) 32 CFM (91 lm)	12,000 WATTS	1 PH	DC	3 YEAR

Firepower FP-45i

Ordering Information

Part No.	Description
1445-1945	Firepower FP-45i Plasma Cutting System (includes 60A torch, two (2) tips, two (2) electrodes, electrode wrench and user manual)

The new light and portable Firepower plasma cutting system has arrived, utilizing a 208/230V 50/60Hz power supply.

The FP-45i unit is user friendly and incorporates the latest technology, making adjustments easy for everyday cutting needs. The system automatically displays and regulates to a set pressure.

A complete line of long-life consumables has been developed specifically for this unit, so you are always ready for work. Each system comes with the torch included — ergonomically designed with a trigger lock for greater safety.

FEATURES

- Light and portable, weighing only 29.7 lbs. (13.5 kg) including torch
- Easy to use 2.8" color LCD panel, with all adjustments in just one knob
- Torch trigger 2T/4T function
- Torch trigger lock for greater safety
- Grate or plate cutting functions
- Three-year warranty for the power source and three months for the torch

APPLICATIONS

- General Manufacturing
- Furniture Manufacturing
- Transportation
- Autobody Work
- Artisan Metalwork
- General Contracting
- HVAC Duct Cutting
- Fence Repair
- and more!

MACHINE SPECIFICATIONS

Cut Capacity (Mild Steel)	5/8" (16 mm)
MAX Cut Capacity (Mild Steel)	1" (25 mm)
Piercing Capacity	3/8" (10 mm)
Output Range	20-45 Amps
Input Power	208/230V (± 10%), Single Phase, 50/60Hz
Duty Cycle	45A @ 35%
Dimensions (W x H x D)	6.9" × 12.8" × 16.3" (176 mm × 324 mm × 415 mm)
Weight	29.7 lbs (13.5 kg)
Input Air Pressure	80-110 psi (5.5-7.6 bar)
Air Flow	3.9 cfm (110 l/min)
Torch Air Pressure	67 psi (4.6 bar)
Approvals	IP21C, EN 60974-1, CSA, ETL

2.8" LCD DISPLAY

SUMMARY SCREEN

SELECT PLATE OR GRID

SWITCH SELECTION: 2T: ON / OFF 4T: LOCK ON

AIR PURGE

Consumables and Accessories

Ordering Information

Part No.	60A Torch Consumables	Part No.	Accessories
1445-1901	Cutting Tip, 25A / 35A, 0.8mm (5 pk)	1445-1900	Plasma Torch, 60A, with 25A/35A and 45A Tips
1445-1902	Cutting Tip, 45A, 0.8mm (5 pk)	1445-1908	Inline Air Filter
1445-1903	Electrode, 60A (5 pk)	1445-1909	Inline Air Filter Cartridge
1445-1904	Stand Off Guide, 60A	1445-1910	Circle Cutting Guide
1445-1905	Shield Cup, 60A	1444-0900	Utility Cart
1445-1906	O-Ring, 60A (3 pk)		
1445-1907	Gas Diffuser, 60A		

QUALITY · ENVIRONMENT · HEALTH · SAFETY

GLOBALLY CERTIFIED MANAGEMENT SYSTEMS

FirepowerOnline.com

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