

Firepower FP-25i/35i/45i

Portable Plasma Cutting



FP-25i

CC THICKNESS 5/16" MILD STEEL (8 mm)	MAX THICKNESS 3/8" MILD STEEL (10 mm)	INPUT POWER 20 Amp 115 VAC
OUTPUT 25 AMPS	MATERIALS STEEL STAINLESS STEEL BRASS ALUMINUM	DUTY CYCLE 25% @25 AMPS



FP-35i

CC THICKNESS 1/2" MILD STEEL (12 mm)	MAX THICKNESS 5/8" MILD STEEL (16 mm)	INPUT POWER 50 Amp 208/230 VAC
OUTPUT 35 AMPS	MATERIALS STEEL STAINLESS STEEL BRASS ALUMINUM	DUTY CYCLE 35% @35 AMPS



FP-45i

CC THICKNESS 5/8" MILD STEEL (16 mm)	MAX THICKNESS 1" MILD STEEL (25 mm)	INPUT POWER 50 Amp 208/230 VAC
OUTPUT 45 AMPS	MATERIALS STEEL STAINLESS STEEL BRASS ALUMINUM	DUTY CYCLE 35% @45 AMPS

The new light and portable Firepower line of plasma cutting systems has arrived, utilizing both a 115V or 208/230V 50/60Hz power supply.

Available in three models, these units are user friendly and incorporate the latest technology, making adjustments easy for everyday cutting needs. The system automatically displays and regulates to a set pressure.

FP-25i

Recommended cutting capacity: 5/16" (8 mm)
Maximum cutting capacity: 3/8" (10 mm)

FP-35i

Recommended cutting capacity: 1/2" (12 mm)
Maximum cutting capacity: 5/8" (16 mm)

FP-45i

Recommended cutting capacity: 5/8" (16 mm)
Maximum cutting capacity: 1" (25 mm)

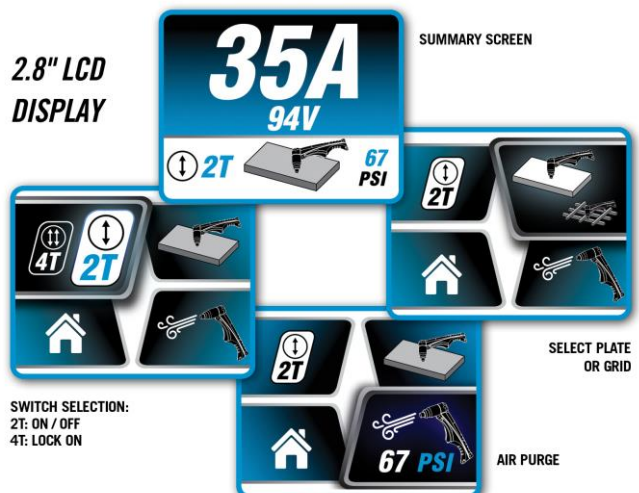
A complete line of long-life consumables has been developed specifically for these units, so you are always ready for work. Each system comes with the torch included – ergonomically designed with a trigger lock for greater safety.

- 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.
- Comes with torch included.
- Three-year warranty for the power source and three months for the torch.

Industry

- General Manufacturing
- Furniture Manufacturing
- Transportation
- Automotive (Autobody Work)
- Artisan Metalwork
- General Contracting
- Maintenance & Repair
- HVAC Duct Cutting
- Fence Repair
- And more!

Simple and intuitive
LCD panel



FP-25i / FP-35i / FP-45i

Specifications					
		FP-25i	FP-35i	FP-45i	
Input voltage		115V (+/- 10%), 1 ph	208/230V (+/- 10%), 1 ph		
Frequency		50/60Hz			
Cutting Capacity	Mild Steel (Clean Cut)	5/16" (8 mm)	1/2" (12 mm)	5/8" (16 mm)	
	Mild Steel (Severance)	3/8" (10 mm)	5/8" (16 mm)	1" (25 mm)	
	Stainless (Clean Cut)	1/4" (6 mm)	3/8" (10 mm)	1/2" (12 mm)	
	Aluminum (Clean Cut)	3/16" (5 mm)	5/16" (8 mm)	3/8" (10 mm)	
Piercing Capacity		1/8" (3 mm)	3/16" (5 mm)	1/4" (6 mm)	
Output Current		20-25 Amps	20-35 Amps	20-45 Amps	
Duty Cycle		25A @ 25%	35A @ 35%	45A @ 35%	
Input Air Pressure		80-110 psi (5.5-7.6 bar)			
Air Flow		3.9 cfm (110 l/min)			
Torch Air Pressure		67 cfm (4.6 bar)			
Weight (machine + torch)		29.7 lbs. (13.5 kg)			
Dimensions (W x H x D)		6.9" x 12.8" x 16.3" (176 mm x 324 mm x 415 mm)			
Enclosure class		IP21C, EN 60974-1, CSA, ETL			

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

System Part Nos.	
FP-25i *	1445-1925
FP-35i *	1445-1935
FP-45i *	1445-1945

(includes 60A torch, two (2) tips, two (2) electrodes, electrode wrench, and User Manual)





Plasma Cutting Machines

CUT THICKNESS 5/8" MILD STEEL (16 mm)	MAX THICKNESS 1" MILD STEEL (25 mm)	INPUT POWER 50 Amp 208/230 VAC	OUTPUT 45 AMPS	MATERIALS STEEL STAINLESS STEEL BRASS ALUMINUM	DUTY CYCLE 35% @45 AMPS	GAS 75 PSI (5.2 bar) 32 CFM (91 l/min)	GENERATOR 12,000 WATTS	PHASE 1 PH	CURRENT DC
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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)
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" x 12.8" x 16.3" (176 mm x 324 mm x 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



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



SELECT PLATE OR GRID



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		



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