



MACHINES CHART

Machines at a Glance

Gas Equipment

Model	Type	Page
Firepower®	OxyFuel Outfits	6-7
	AirFuel Equipment	16-17

Plasma Systems

Model	Part No.	Page	Weight	Requires Shop Air	Input Voltage	Rated Amps	Rated Cycle Duty	Maximum Thickness
AirCut™ 15C	1-1110-1	19	29 lbs.	No	120V	15 Amps	35%	3/16"
Cutmaster® 42	1-4200	20	26 lbs.	Yes	120-230V	40 Amps	40%	5/8"
Cutmaster 52	1-5130-1	21	43 lbs.	Yes	208-230V	60 Amps	40%	1-1/8"
Cutmaster 82	1-1130-1	22	43 lbs.	Yes	208-230V	80 Amps	40%	1-1/2"
CutSkill® C-20A	1-1625	23	44 lbs.	Yes	120-230V	20 Amps	30%	3/8"
CutSkill C-35A	1-1635-1	24	44 lbs.	Yes	230V	35 Amps	35%	1/2"
Cutskill C-70A	1-1670-1	25	66 lbs.	Yes	230V	70 Amps	35%	1"

TIG • Arc/Stick • GTAW • SMAW • Welders

Model	Part No.	Page	AC	DC	Input Voltage	Rated Amps	Rated Cycle Duty	Maximum Thickness
95 S Inverter	W1003202	45	No	Yes	115V	90 Amps	20%	1/4"
161 S	W1003602	46	No	Yes	11/208-230V	160 Amps	30%	5/8"
201 TS	W1003801	47	No	Yes	115/208-230V	200 Amps	20%	5/8"
FP-100	1443-0412	49	Yes	No	120V	65 Amps	15%	3/16"
FP-235 AC/DC	1443-0416	50	Yes	Yes	230V	200 Amps	20%	1/2"
Thermal Arc® 186 AC/DC	W1006301	51	Yes	Yes	208/230V	200 Amps	20%	1/4"

MIG • GMAW • Flux-Cored • FCAW • Welders

Model	Part No.	Page	Flux Cored	MIG	Input Voltage	Rated Amps	Rated Cycle Duty	Maximum Thickness
Fabricator® 141i	W1003141	29	Yes	Yes	115V	140 Amps	20%	3/16"
Fabricator 181i	W1003181	30, 31	Yes	Yes	230V	180 Amps	20%	1/4"
Fabricator 211i	W1004201	32	Yes	Yes	230V	210 Amps	20%	1/2"
Fabricator 252i	W1004401	33	Yes	Yes	230V	300 Amps	40%	1/2"
FP-95	1444-0322	34	Yes	No	120V	80 Amps	15%	3/16"
FP-125	1444-0324	34	Yes	Yes	120V	88 Amps	20%	1/4"
FP-135	1444-0326	35	Yes	Yes	120V	90 Amps	40%	1/4"
FP-165	1444-0328	36	Yes	Yes	230V	130 Amps	20%	3/8"
FP-260	1444-0312	37	Yes	Yes	230V	200 amps	60%	5/8"



Cutting



Heating



Welding

Gas Equipment

FP-235 AC/DC Part No. 1443-0416 Welding System

Machine Specifications

Output range	20-235 amps (230V)
Rated Output @ Duty Cycle	200A @ 20% AC Duty Cycle 135A @ 20% DC Duty Cycle
Max OCV	65
Consumable Size	1/16" - 5/32" STICK electrode
Dimensions (HxWxD)	23" x 17.5" x 14" (597x441x360mm)
Weight	113 lbs. (51kg)

The FP-235 AC/DC provides powerful 235 Amp AC/185 Amp DC Arc (SMAW) welding performance at an affordable price. DC output produces better visual welds, with more control and less splatter. Its the preferred method for overhead out of position welding. The FP-235 features infinite amperage adjustment, which provides precise welding control. This versatile unit is ideal for both light and heavy-duty repairs. The FP-235's rugged, portable design delivers the reliability and performance to make it an ideal unit for general fabrication as well as farm, ranch, automotive and light maintenance repairs.

Applications include:

- Home DIY hobbyist
- Farm/ranch
- Maintenance & repairs
- General fabrication

Primary Power

Primary voltage	230V
Supply plug	NEMA 6-50P
Lead cord length	6 ft. (1.8m)



Thermal Arc® 186 AC/DC Part No. W1006301 Portable AC/DC HF TIG System

Machine Specifications

Maximum output	200 Amp
STICK (SMAW) Welding	170A / 26.6V @ 16% Duty Cycle
Output @104°F (40°C)	150A / 26V @ 25% Duty cycle
	150A / 26V @ 100% Duty Cycle
TIG (GMAW) Welding	200A / 18V @ 20% Duty Cycle
Output @104°F (40°C)	180A / 17.2V @ 25% Duty cycle
	150A / 16V @ 35% Duty Cycle
Current range	10-200 Amps
Dimensions (H x W x D)	H 15.75" x W 9.45" x D 18.7"
	(400 mm x 240 mm x 475 mm)
Weight	48.4 lbs. (22 kg)

The Thermal Arc 186 AC/DC is a multi-process, complete Stick & TIG system solution ready for any application. Fully featured professional performance capability made easy to use. High output duty cycle, and ready to perform.

Features:

- HF TIG (GTAW)
- Lift TIG (GTAW)
- STICK (SMAW)

Applications include:

- Aluminum Fabricators
- Training Institutions
- Maintenance & Repair
- On-Site & Portable Welding Applications
- Automotive, Boats & Trailers



Primary Power

Primary voltage	Nominal 208/230 VAC
Supply plug	NEMA 6-50P
Lead cord length	9 ft. (2.75m)
Max input current	35.6 Amps
Rated kVA	9.5 kVA

Package Options

	Part No.
• Thermal Arc 186 AC/DC System	W1006301
• Thermal Arc 186 AC/DC System with Foot Pedal	W1006303
• Thermal Arc 186 AC/DC System with Foot Pedal & Cart	W1006304