



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



Arc Welding

U.S. Customer Care: 800-858-4232
Technical Service: 800-426-1888

Fabricator® 141i Part No. W1003141 3-in-1 Welding System

Machine Specifications

Maximum output	140 Amp
MIG (GMAW/FCAW) Welding	140A / 19V @ 15% Duty Cycle
Output @104°F (40°C)	90A / 18.5V @ 20% Duty Cycle
STICK (SMAW) Welding	90A / 23V @ 15% Duty Cycle
Output @104°F (40°C)	80A / 23.2V @ 35% Duty Cycle
TIG (GMAW) Welding	140A / 15.6V @ 15% Duty Cycle
Output @104°F (40°C)	100A / 14V @ 20% Duty Cycle
Current range	10A - 140 Amp
MIG Welding Voltage Range	14.5V - 19V
Wire Diameter Range	Solid: .023" - .030" (0.6 - 0.8 mm)
	Stainless steel: .023" - .030" (0.6 - 0.8 mm)
	Flux cored: .030" - .035" (0.8 - 0.9 mm)
Wirefeed Speed Range	100 - 600 IPM (2.5 - 15.2 m/min)
Dimensions (H x W x D)	16.14" x 8.27" x 17.72" (410 x 210 x 450mm)
Weight	32.2 lbs. (14.6 kg)



MIG/FLUX CORED WELDERS

Tweco Fabricator 141i



The Tweco® Fabricator 141i is the only product of its kind. It features MIG, Stick and TIG processes – complete in one unit. It's the lightweight system that has changed the game.

This portable powerhouse is designed to take on any MIG, Stick or TIG job it meets. It delivers up to 140 Amps of welding power and weighs less than 33 lbs.

The compact 141i delivers the flexibility you need in the field, including applications like:

- Automotive Repair & Customization
- Farm and Ranch
- Training Institutions
- Maintenance & Repair
- Sheet Metal & Light Fabrication
- On-site & Portable Welding Applications
- Home Hobbyists (DIY)

3-processes. One machine. There's never been a portable power system like this before.

Primary Power

Primary voltage	115VAC
Supply plug	NEMA 5-20P
Lead cord length	10 ft. (3 m)
Max input current	41.5 Amps
Rated kVA	5 kVA

Package Options

	Part No.
• Fabricator 141i package	W1003141
• Fabricator 141i package w/ Cart	W1003142