

SPECIFICATIONS

WELDING DC	
Maximum Output	140 Amp
MIG (GMAW/FCAW) Welding Output @104°F (40°C)	140A / 19V @ 15% Duty Cycle 90A / 18.5V @ 20% Duty Cycle
STICK (SMAW) Welding Output @104°F (40°C)	90A / 23V @ 15% Duty Cycle 80A / 23.2V @ 35% Duty Cycle
TIG (GTAW) Welding Output @104°F (40°C)	140A / 15.6V @ 15% Duty Cycle 100A / 14V @ 20% Duty Cycle
Current Range	10A – 140 Amp
MIG Welding Voltage Range	14.5 – 19 Volt
Wirefeed Speed Range	90 – 390 IPM (2.3 – 9.9 m/min)
Nominal OCV Volt/DC	53 Volt
Maximum Plate Thickness	3/16" (4.8 mm)
Wire Diameter Range	
Solid:	.023" – .030" (0.6 – 0.8 mm)
Stainless Steel:	.023" – .030" (0.6 – 0.8 mm)
Aluminum:	.030" (0.8 mm)
Flux cored:	.030" – .035" (0.8 – 0.9 mm)
Spool Size Capacity	4" & 8" (100 & 200 mm)
Warranty Period	3 Years*
Approvals	IEC 60974-1, CSA E60974-1, UL 60974-1
Protection Class	IP23S
Power Source Dimensions (H x W x D)	16.2" x 8.3" x 17.7" (410 mm x 210 mm x 450 mm)
Power Source Weight	32.2 lb (14.6 kg)

PRIMARY POWER	
Primary Voltage	115 VAC
Supply Voltage Range	95 – 140 VAC
Number of Phases	Single Phase
Supply Frequency	50/60Hz
Supply Plug	NEMA 5-20P
Rated kVA @ 140 Amp	5 kVA
Lead Cord Length	10 ft (3 m)
REPLACEMENT ITEMS & CONSUMABLES	
Tweco Fusion™ 140 Amp MIG Gun, with 10 ft (3 m) Cable	1017-1321
Velocity™ Nozzle 1/2" Bore	1220-1200
Universal Conduit Liner	1420-1113
Velocity Contact Tip, .023"	1110-1308
Velocity Contact Tip, .030"	1110-1309
Velocity Contact Tip, .035"	1110-1310
Electrode Holder, with 13 ft (4 m) Lead, 25 mm Dinse	W7003106
Ground Clamp, with 10 ft (3 m) Lead, 25 mm Dinse	W7003105
Victor® Argon Flowgauge Regulator	0781-9411
Gas Hose, 12.5 ft, Male 5/8-18UNF	W4013900
Power Adapter – 115V, 20A to 15A	W4013300
Dinse Adapter, 50 mm to 25 mm	W4017500

* Limited Warranty, refer to warranty schedule.

FABRICATOR 141i

Multi-Process Welding System Package

Part No. W1003141



Comes Complete with:



- 1 Fabricator® 141i Power Supply
- 2 Victor Argon Flowgauge Regulator & 12.5 ft (3.8 m) Hose
- 3 Electrode Holder with 13 ft (4 m) Lead
- 4 Bonus Contact Tips (1 each):
.023" (0.6 mm)
.030" (0.8 mm) Installed
.035" (0.9 mm)
- 5 Drive Rolls:
.023" / .030" (0.6 mm / 0.8 mm)
V Groove (Installed)
.030" / .035" (0.8 mm / 0.9 mm) for Flux Cored Wire
- 6 Tweco Fusion 140 Amp MIG Gun with 10 ft (3 m) Cable
- 7 4 General Purpose Stick Electrodes (E6013)
- 8 Power Adapter – 115V, 20A to 15A
- 9 Ground Clamp with 10 ft (3 m) Lead
- 10 Shoulder Strap
- 11 Operator's Manual & CD
- 10 ft (3 m) Power Cord and NEMA 5-20P 115V AC Plug (*not shown*)