

FABRICATOR®

3-in-1 Multi-Process Welding Systems







U.S. Customer Care: 800-426-1888 Canada Customer Care: 905-827-4515 International Customer Care: 940-381-1212



FABRICATOR 141i FABR			FABRICATOR 181i	FABRICATOR 211i	FABRICATOR 252i		
Market Applications		Home Hobbyists (DIY) Auto Repair & Customization Farms & Ranches Maintenance & Repair Sheet Metal & Light Fabrication On-Site & Portable Welding Applications	Auto Repair & Customization Farms & Ranches Maintenance & Repair Training Institutions Sheet Metal & Light Fabrication On-Site & Portable Welding Applications Home Hobbyists (DIY)	to Repair & Customization rms & Ranches aintenance & Repair aining Institutions eet Metal & Light Fabrication -Site & Portable Welding plications Mechanical Contractors Maintenance & Repair Farms & Ranches Auto Repair & Customization Garage & Job Shops Training Institutions Home Hobbyists (DIY)			
Input		Single Phase 50/60 Hz	Single Phase 50/60 Hz Single Phase 50/60 Hz		Single Phase 50/60 Hz		
Input Voltage		115 VAC	208/230 VAC	115, 208/230 VAC	208/230 VAC		
Welding Output Range		10 Amp — 140 Amp	10 Amp — 180 Amp 115V 10 Amp — 210 Amp (208/2		10 Amp — 300 Amp		
Thickness of Material Welded in a Single Pass		Up to 3/16" (4.8 mm)	Up to 5/16" (7.9 mm)	Up to 1/4" (6.4 mm) 115 VAC Up to 3/8" (9.5 mm) 208/230 VAC	Up to 1/2" (12.7 mm)		
	MIG	0	0	0	0		
Droceses	Stick	0	0	•	•		
Processes	DC TIG	0	0	•	0		
	AL MIG	*	*	_*	***************************************		

*Optional Spool Gun Required



TWECO*

FABRICATOR® 141i

Multi-Process Welding System Part No. W1003141





















Fabricator 141i Multi-Process Welding System Package (Part No: W1003141) Comes Complete with:

Fabricator® 141i Power Supply

Victor® Argon Flowgauge Regulator & 12.5 ft (3.8 m) Hose

Electrode Holder with 13 ft (4 m) Lead

Bonus Contact Tips (1 each):

.023" (0.6 mm), .030" (0.8 mm) (Installed) & .035" (0.9 mm)

.023" / .030" (0.6 mm / 0.8 mm) V Groove (Installed) .030" / .035" (0.8 mm / 0.9 mm) for Flux Cored Wire

Tweco Fusion® 140 Amp MIG Gun with 10 ft (3 m) Cable

4 General Purpose Stick Electrodes (E6013)

Power Adapter – 115V, 20A to 15A

Ground Clamp with 10 ft (3 m) Lead

Shoulder Strap

Operator's Manual & CD

Power Cord, 10 ft (3 m) and NEMA 5-20P 115V AC Plug

Part No: W1003142 - Fabricator 141i Package (all of the above) plus Basic Utility Cart

The lightest and most portable of all the 3-in-1 machines, the Fabricator 141i is a Do-It-Yourselfer's dream come true. This complete system comes with quality Victor and Tweco components giving even a beginner the capability to weld immediately, right out of the box. With the ability to use 115 VAC, you can weld virtually anywhere. Featuring MIG, Stick, and TIG processes in a

unit that only weighs 32 pounds, the system is light enough to easily transport for use on farms, ranches or virtually any on-site repair applications This system is equipped with an easy-to-use welding parameters guide along with a Quick Start Guide that walks you through machine set-up in four simple steps. The 141i can have you welding like a pro in no time!



FABRICATOR® 181i





















The Fabricator 181i incorporates the versatility and portability of the 141i, but with extra power when needed. It has a maximum output of 180 Amps, with MIG, Stick and TIG all in one machine. Ideal for auto enthusiasts, farms, schools and light repair, this unit allows you to save you money with the ability to do it

yourself! The system includes a Tweco Fusion® 180 Amp MIG gun and quality Victor Regulator, ensuring you have the tools to get the job done right. Digital meters and a welding parameters chart conveniently located on the inside of the machine help you get the perfect weld every time.

Fabricator 181i Multi-Process Welding System Package (Part No: W1003181) Comes Complete with:

Fabricator® 181i Power Supply

Victor® Argon Flowgauge Regulator & 12.5 ft (3.8 m) Hose Tweco® 200 Amp Electrode Holder & 13 ft (4 m) Lead Bonus Contact Tips (1 each):

.023" (0.6 mm), .030" (0.8 mm) (Installed) & .035" (0.9 mm)

.023" / .030" (0.6 mm / 0.8 mm) V Groove (Installed)

.023" / .035" (0.6 mm / 0.9 mm) V Groove .030" / .035" (0.8 mm / 0.9 mm) for Flux Cored Wire

Tweco Fusion® 180 Amp MIG Gun with 12 ft (3.6 m) Cable

4 General Purpose Stick Electrodes (E6013)

Shoulder Strap

Tweco 200 Amp Ground Clamp & 10 ft (3 m) Lead

Operator's Manual & Set-up DVD

Power Cord, 10 ft (3 m) and NEMA 6-50P 230V AC Plug

Part No: W1003182 - Fabricator 181i Package (all of the above) plus Basic Utility Cart



TWECO*

FABRICATOR® 211i

Multi-Process Welding System Part No. W1004201





















Talk about versatility, the Fabricator 211i has it all! It's the only machine in the 3-in-1 line that offers 115 and 208/230 voltages, and provides MIG. Stick and TIG welding outputs for use anywhere. Portable enough to take to the job site, yet with 210 Amps maximum output, it has the power your job demands. Perfect for auto repair and customization, training, schools, farms, ranches or any type of maintenance and repair, the Fabricator 211i enables you to choose the best process for your application. The MIG process provides maximum productivity in the shop, while the Stick process works ideal outdoors -and TIG is available for those welding applications that requires more precise control. There is no other machine like the 211i, it's a "must have" powerhouse!

Fabricator 211i Multi-Process Welding System Package (Part No: W1004201) Comes Complete with:

Fabricator® 211i Power Supply

Victor® Argon Flowgauge Regulator & 12.5 ft (3.8 m) Hose

Tweco 200 Amp Electrode Holder with 13 ft (4 m) Lead

Bonus Contact Tips (1 each):

.023" (0.6 mm), .030" (0.8 mm),

.035" (0.9 mm) (Installed) & .045" (1.2 mm)

Drive Rolls:

.023" / .030" (0.6 mm / 0.8 mm) V Groove

.023" / .035" (0.6 mm / 0.5 mm) V Groove (Installed)

.030" / .035" (0.8 mm / 0.9 mm) for Flux Cored Wire

4 General Purpose Stick Electrodes (E6013)

Tweco Fusion® 220 Amp MIG Gun with 12 ft (3.6 m) Cable

Tweco 200 Amp Ground Clamp with 10 ft (3 m) Lead

230V-115V Adapter Plug & Cable

Operator's Manual & CD

Power Cord, 10 ft (3 m) and NEMA 6-50P 230VAC Plug

Part No: W1004202 - Fabricator 211i Package (all of the above)

plus Basic Utility Cart

Part No: W1004203 - Fabricator 211i Package (all of the above)

plus Single Cylinder Cart



FABRICATOR® 252i

Multi-Process Welding System Part No. W1004401





















Fabricator 252i Multi-Process Welding System Package (Part No: W1004401) Comes Complete with:

Fabricator® 252i Power Supply

Victor® EDGE™ Argon Flowgauge Regulator & 12.5 ft (3.8 m) Hose Tweco® 200 Amp Ground Clamp with 10 ft (3 m) Lead Drive Rolls:

.035" / .045" (0.9 mm / 1.2 mm) V Groove Lower & Flat Upper (Fitted) .023" / .030" / .035" (0.6 mm / 0.8 mm / 0.9 mm) V Groove .045" (1.2 mm) for Flux Cored Wire

Outlet Guide, .023" (0.6 mm)

Contact Tips (1 each):

.030" (0.8 mm), .035" (0.9 mm) & .045" (1.2 mm)

Tweco Fusion® 250 Amp MIG Gun with 15 ft (4.6 m) Cable

4 General Purpose Stick Electrodes (E6013)

Tweco 200 Amp Electrode Holder with 13 ft (4 m) Lead

Power Cord, 9 ft (2.75 m) and NEMA 6-50P 230VAC Plug Operator's Manual & CD

Part No: W1004402 - Fabricator 252i Package (all of the above) plus Single Cylinder Cart, Parts Storage Box & Accessory Drawer

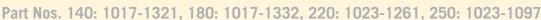
Part No: W1004403 - Fabricator 252i Package (all of the above) plus Dual Cylinder Cart, 2 Parts Storage Boxes, Accessory Drawer, TIG Rod & Stick Electrode Storage Canisters, Spool Gun, extra Flowgauge Regulator with Gas Hose, TIG Torch & Accessories

The Fabricator 252i is the most powerful of all the 3-in-1 machines -- with a maximum output of 300 Amps it can provide the power and performance you need. With the capability to weld up to ½" the possibilities for this machine are endless. This system is excellent for use on light industrial manufacturing. sheet metal fabrication, as well as for mechanical contractors or maintenance and repair work. The Fabricator 252i is complete out of the box, yet is also available in packages with a single cylinder or dual cylinder cart. Built with quality Tweco and Victor components, digital meters, and excellent output for all three processes, this system is built for professional grade performance.





TWECO FUSION® Air-Cooled MIG Guns









OPTIONAL AND REPLACEMENT ACCESSORIES



Product	Part No.	Description	141i	181i	211i	252i
TIG Torch & Accessories (required for TIG welding)	W4013802	TIG Torch, 17V, 12.5 ft (3.8 m), 8 pin and accessory kit with 1/16", 3/32", 1/8" thoriated tungstens; 1/16", 3/32", 1/8" collets; 1/16", 3/32", 1/8" collet bodies; No. 5, 6, 7 Alumina nozzles; short back cap; long back cap	•	0		
TIG Torch & Accessories (required for TIG welding)	W4014603	TIG Torch, 26V, 12.5 ft (3.8 m), 8 pin and accessory kit with 1/16", 3/32", 1/8" thoriated tungstens; 1/16", 3/32", 1/8" collets; 1/16", 3/32", 1/8" collet bodies; No. 5, 6, 7 Alumina nozzle; short back cap; long back cap			0	
TIG Torch & Accessories (required for TIG welding)	W4013600	TIG Torch, 26, 12.5 ft (3.8 m), 8 pin with Hand Remotes, 50 mm and accessory kit with thoriated tungstens; collets; collet bodies; Alumina nozzles; short back cap; long back cap				•
Spool Gun (required for aluminum MIG welding)	1027-1390	Tweco Spool Gun 160A, 12 ft (3.6 m) Length, suits 4" (100 mm) spools	•	0	•	
Spool Gun (required for aluminum MIG welding)	1027-1391	Tweco Spool Gun 200A, 25 ft (7.6 m) Length, suits 4" (100 mm) spools				0
Electrode Holder	W7003106	Electrode Holder & Lead Assembly, 13 ft (4 m), 25 mm	•			
Ground Clamp	W7003105	Ground Clamp & Lead Assembly, 10 ft (3 m), 25 mm	•			
Dinse Adapter	W4017500	Dinse Adapter, 50 mm Female to 25 mm Male	0			
Tweco 200A Electrode Holder	9110-1177	Tweco 200A Electrode Holder & Lead Assembly, 13 ft (4 m), 50 mm		0	0	0
Tweco 200A Ground Clamp	9255-1140	Tweco 200A Ground Clamp & Lead Assembly, 10 ft (3 m), 50 mm		0	0	0
Victor GF250-50-580 Argon Flowgauge Regulator	0781-9411	Victor GF250-50-580 Argon Flowgauge Regulator	•	0	0	
Victor ESS3-FG-580 EDGE Argon Flowgauge Regulator	0781-5120	Victor ESS3-FG-580 EDGE Argon Flowgauge Regulator				0
Gas Hose	W4013900	Gas Hose, 12.5 ft (3.8 m), Male 5/8-18UNF	0	0	0	0
Tweco Helmets	4100-1002 4100-1004 4100-1008	Tweco Helmet, New Patriot Eagle Tweco Helmet, New Skull & Fire Tweco Helmet, New Dragon	0	0	0	0



OPTIONAL AND REPLACEMENT ACCESSORIES (con't.)

Product	Part No.	Description	141i	181i	211i	252
Basic Utility Cart	W4014700	Utility Cart, accommodates maximum 7" (177.8 mm) diameter cylinder	•	•	0	0
Single Cylinder Cart	W4015001	Single Cylinder Cart accommodates up to 9" (228.6 mm) diameter cylinder with accessory drawer plus 1 Parts Storage Box			0	0
Dual Cylinder Cart	W4015002	Dual Cylinder Cart accommodates up to two 9" (228.6 mm) diameter cylinders with accessory drawer plus 2 Parts Storage Boxes			•	•
Roll Cage	W4015104 Protective Roll Cage for skidding or carrying				0	
	W4015101	(power supply not included)				0
Foot Control	600285	Contactor On/Off and current control with 15 ft (4.6 m) cable and 8-pin male plug	•	•	0	0
Hand Pendant	10-4014	Contactor On/Off and current control with 25 ft (7.6 m) cable and 8-pin male plug				0
Parts Storage Box	W4016200	Parts Storage Box and organizer			0	0
Tweco Carry Bag	W4015301	Protective Carry Bag & Parts Storage	•	<u> </u>		
Power Adapter	W4013300	Power Adapter - 115V, 20A to 15A	•			
Power Adapter	W4014000	Power Adapter - 230V to 115V, 15A			0	
Tweco Fusion® MIG Guns	10171321	140 Amp w/10 ft (3 m) Cable				
-	10171332	180 Amp w/12 ft (3.6 m) Cable				
	10231261	220 Amp w/12 ft (3.6 m) Cable				
	10231201	250 Amp w/15 ft (4.6 m) Cable				
Drive Rolls	Part No.	Description	141i	181i	211i	250
Drive Roll .023" / .035" (0.6/0.9 mm)	W4014800	V groove for steel & stainless steel wires		0	0	770/
Drive Roll .023" / .030" (0.6/0.8 mm)	7977036	V groove for steel & stainless steel wires				
Drive Roll .030" / .035" (0.8/0.9 mm)	7977732	V knurled groove for flux cored wires				
Drive Roll .045" (1.2 mm)	704277	V knurled groove for flux cored wires				
Drive Roll, Top, .023"045" (0.6-1.2 mm)	407002-001	Smooth groove for hard wires (Top Feed)				
Drive Roll, Top, .030" / .035" (0.8/0.9 mm)	375832	Knurled groove for flux cored wires (Top Feed)				
Drive Roll, Bottom, .023" / .030" / .035" (0.6/0.8/0.9 mm)	407002-002	V knurled groove for hard wires (Bottom Feed)				
Drive Roll, Bottom, .045" (1.2 mm)	171115-003	V knurled groove for hard wires (Bottom Feed)				
Drive Roll, Bottom, .045" (1.2 mm)	170924-010	V knurled groove for flux cored wires (Bottom Feed)				0



Which FABRICATOR® is Best for You?





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