FABRICATOR® 141i

THERMAL ARC VICTOR TECHNOLOGIES™ **Tweco**

115 Volt MULTI-PROCESS | **MIG (GMAW)** | **STICK (SMAW)** | **LIFT TIG (GTAW) WELDERS (DC ONLY)**

115 VAC

Part Number	Rated Output @ Duty Cycle	Output Range	Dimensions (H x W x D)	Net Weight
W1003141 (115 Volt)	MIG: 100 A / 19 V @ 37%, STICK: 80 A / 23 V @ 35% DC TIG: 100 A / 14 V @ 37%	10-140 Amps-MIG 10-90 Amps-STICK 0-140 Amps-TIG	16.14" x 8.27" x 17.72" 410 x 210 x 450 (mm)	32.2lbs. (14.52 kg)

The new TWECO® Fabricator® 141i (3N1) Multi-Process Welding System is the first 115 Volt Welder with **DC MIG, STICK** and **Lift TIG** Welding Outputs – complete in one integrated portable package.

Holds 4" or 8" Diameter Spools of MIG wire

MIG/STICK Package **#W1003201 $850.00 Ea**

*Includes a 15 to 20 Amp Input Cable Adapter **Part No. W4013300**

TIG:
Requires Optional #600285 Foot Control (next page) & #W4014603 TIG Torch w/Accessories (shown below).
* Lift TIG Start: Provides TIG arc starting without use of high frequency.
* Downslope: Eliminates the crater that can form at the completion of a weld.

STICK:
* Adjustable Arc Force Control for optimum STICK electrode performance.
* Built in Hot Start for easy arc starting.

MIG:
* Infinite Voltage Control with optimized starting performance.
* Inductance Control for arc stability and spatter control.
* Tweco NEW FUSION™ 140 Amp MIG Gun w/10 ft cable & standard #4 connection #F140-TA-10-3035
* Durable Metal Feed Plate features 2 roll drive system, quick change reversible drive rolls and easy-to-set single scaled wire tension knob.
* 4" or 8" Spool capacity allows easy installation of wire spool sizes
* Adjustable Burnback Control.

FABRICATOR® 211i

THERMAL ARC VICTOR TECHNOLOGIES™ **Tweco**

115 & 208 (230) Volt MULTI-PROCESS | **MIG (GMAW)** | **STICK (SMAW)** | **LIFT TIG (GTAW) WELDER (DC ONLY)**

INPUT POWER
115 VAC
208/230 VAC

Part Number	Rated Output @ Duty Cycle	Output Range	Dimensions (H x W x D)	Net Weight
W1004201 115 Volts Limited & 208-230 Volts (115V-230V Adapter Plug & Cable Included)	MIG: 110 A / 19.5V @ 45% (115V) 210 A / 23.5V @ 20% (230V) 67-650 IPM (MIG) STICK: 115 A / 24.8V @ 35% (115V) 200 A / 25V @ 25% (230V) DC TIG: 150 A / 16V @ 35%115V) 200 A / 18V @ 25% (230V)	5-150 Amps (*115V) *peak requires 4.5 KVA 5-210 Amps (230V) 14-30 Volts (MIG)	17.32" x 10.23" x 23.62" 440 x 260 x 600 (mm)	57.3 lbs. (26kg)

The new Thermal Arc® Fabricator® 211i (3N1) Multi-Process Welding System is the only product series of its kind;
Input: 115 Volt **or** 208-230 **Output:** DC MIG, STICK and Lift TIG welding capabilities

Holds 4" or 8" Diameter Spools of MIG wire

TIG Option: Air-Cooled 26V 12.5' TIG Torch w/8-Pin Remote & Accessories **#W4014603 $149.00.00 Ea**

Complete MIG/STICK Package **#W1004201 $1,399.00 Ea**

See Next Page for Foot Control & Spool Gun #1027-1390 option

Ready for STICK & *MIG (TIG w/Options)- Complete:
* Fabricator 211i Power Supply
* 12 ft Tweco® NEW FUSION™ 220 Amp MIG Gun Model #F220TA-12-3035
* NEW VELOCITY™ (No Wrench) Contact Tips (1each):
  .023 (0.6mm)
  .030 (0.8 mm)
  .035 (0.9 mm) Installed
* Victor® Edge Series Argon Regulator/Gauge & 10' Hose
* Tweco 200 Amp electrode holder with 13 ft lead & 50mm DINSE plug
* Tweco WeldSkill 200 Amp ground clamp with 10 ft lead & 50mm DINSE plug
* Drive Rolls:
  V Groove
  .023" -.035" (0.6 mm - 0.8 mm) V Groove
  .023" -.035" (0.6 mm - 0.9 mm) V Groove Installed
  .030" -.035" V Knurled for Flux Cored Wire Only
* Operator's Manual
* 9 ft Power Cord w/ NEMA 6-50P 230V AC Plug
* 230V to 115V Adepter Plug & Cable

Three Process Capability:
MIG (GMAW/FCAW), STICK (SMAW), TIG (GTAW).

MIG:
* Infinite Voltage Control with optimized starting performance.
* Inductance Control for arc stability and spatter control.
* Tweco FUSION™ MIG Gun w/12 ft. cable and industry standard #4 connection.
* Durable Metal Feed Plate features 2 roll drive system, quick change reversible drive rolls and easy-to-set single scaled wire tension knob.
* 4" or 8" Spool capacity allows easy installation of wire spool sizes * Spool Gun ready.
* Adjustable Burnback Control.

STICK:
* Adjustable Arc Force Control for optimum STICK electrode performance.
* Built in Hot Start for easy arc starting.

TIG:
Requires Optional #W4014603 TIG Torch w/Accessories (this page). Foot Control #600285 also available (next page).
* Built in Hot Start for easy arc starting. .
* Lift TIG Start: Provides TIG arc starting without use of high frequency.
* Downslope: Eliminates the crater that can form at the completion of a weld.

Other Features:
* Digital Meters: Voltage and Amperage; Preview and Hold capability.
* Excellent Portability: Lightweight, less than 58 lbs.
* Comprehensive Setup Chart: Weld set up guide for optimum welding performance over a wide range of materials and shielding gases.
* Trigger Control: 4T (Latch) eliminates operator fatigue.
* Remote Receptacle: Enables connection of remote control devices and Spool Gun.
* Quick Change Polarity: Simple quick change polarity (no tools required) from the front of the power source.
* Overload Protection: Shuts down the power source to protect the internal electrical components from overheating.
* IP23S: Suitable for outdoor use.
* Intelligent Fan Control: Operates when welding commences to cool components & reduce airborne contaminants pulled through the power source.

Digital Meters; WFS / Amps and Volt Meters

WFS / Amps Control Knob

Voltage / Arc Control / Down Slope Control Knob

Process Button Select MIG, STICK or Lift TIG

Trigger 2T (ON/OFF) or 4T (Trigger Hold)

Inductance Control Knob

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