

**“Why
Buy”**

THERMAL ARC
WeldSkill®

FABRICATOR®



**Powerful,
Reliable &
Affordable**

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The Value for
money alternative

Thermal Arc® is on the move! The Thermal Arc family of arc welding equipment has been completely, overhauled, re-engineered and expanded following extensive research and development activities. We have rebuilt our range to ensure products meet your requirements and expectations for excellent performance, reliability and value for money.

We distinguish ourselves from our competition through superior features, dependable products, technical innovation and excellence in customer service and technical support.

Our complete new range of Fabricator® MIG/Flux Cored welding equipment is proof of this commitment. The purchase of a Thermal Arc Fabricator will give you a quality built machine with excellent welding performance designed for many years of service. If you are serious about your welding then a Thermal Arc Fabricator is the only choice.

Ease of operation . . .
from start to finish

Here at Thermal Arc, we know that you want ease-of-operation, exact repeatability and first class welding performance from your equipment. That's why we have expanded our Fabricator range to give you four models to choose from with an unbeatable list of features including:

- Excellent welding performance with high outputs and duty cycles
- Comprehensive welding set up charts for popular materials and shielding gases
- 5 year limited warranty
- Sturdy, robust wheel kits with single or dual "drop down" cylinder racks
- Electrode polarity change with no tools required
- Heavy duty, quality Tweco® WeldSkill® guns with standard No. 4 connection
- Easy to use repeatable arc voltage controls
- Spot timers
- Adjustable burn-back
- Thermal overload protection

Just add your gas and wire and you're ready to weld!

Powerful, Reliable
& Affordable



Fabricator 190

Fabricator® 190

WIRE FEED
190 AMP
CV
DC
230 V
60 Hz
1 PHASE

WELD WARRANTY
5 Year*

The affordable workhorse

The Fabricator 190 is a 230 Volt integrated MIG machine with a high 190 Amp maximum output, 8 voltage steps, spot timer and wire feeds and industrial 44 lb. spool. Supplied as standard with a wheel kit, cylinder rack, regulator and quality Tweco® WeldSkill® gun. Fabricator 190's standard features plus its comprehensive setup chart makes this package ideal for car panel and sheetmetal fabrication up to 5/16" (7.9mm) plate.

Applications include:

- Auto body repairs
- Farm/Ranch
- Maintenance and repairs
- Hobbyist
- Sheet metal fabrication



Supplied with



Power, Performance, Features and Reliability

Welding DC

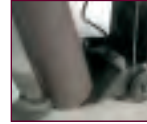
Maximum output	190 Amp
Duty cycle @ 104°F	15% @ 190 Amp at 23.4V
Output @ 30% duty cycle @ 104°F	145 Amp at 22V
Current range	30-190 Amp
Number of voltage settings	8
Welding voltage range	15.8-25 Volt
Maximum plate thickness	5/16" (7.9mm)
Wire diameter range	Mild steel: .023" - .035" (0.6 - 0.9mm) Stainless steel: .023" - .035" (0.6 - 0.9mm) Aluminum: .030" - .035" (0.8 - 0.9mm) Flux cored: .030" - .045" (0.8 - 1.2mm)
Fitted feed roll suits MIG wire	.023" - .030"/.035" (0.6 - 0.8 / 0.9mm)
Dimensions (HxWxD)	33"x16.3"x34.1" 838x414x866mm
Weight	128 lb (58kg)

Primary Power

Primary voltage	230 Volt
Supply plug	NEMA 6-50P
Lead cord length	10ft (3m)
Maximum input current @ 190 Amp	34Amp
Rated kVA @ 190 Amps	7.9 kVA
Approvals	CSA (pending) IEC 60974-1 (CE)

Fabricator 190

Fabricator® 190 Features*



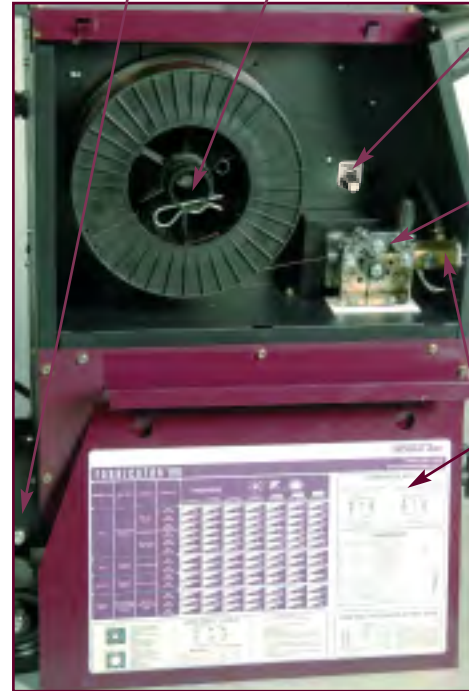
Cylinder stand allows easy loading for cylinder



Easy installation wire spool compartment



Burnback control



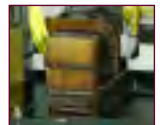
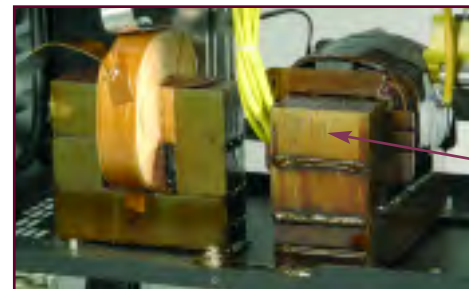
The 2 roll wire drive system with quick change drive rolls & single tension knob



Our welding set-up chart explains how to produce an excellent weld start point



TWECO® No. 4 gun connection



Fully varnished and baked mains transformer provides trouble free service

*Subject to change without notification.

Fabricator 210

Fabricator 210

Fabricator® 210

250 AMP CV DC 208 V 230 V 60Hz 1 PHASE

WARRANTY
5 Year**



The essential sheetmetal companion

The Fabricator 210 is a 208-230 Volt integrated MIG machine with a leading performance of 250 Amp maximum output @ 30% duty cycle, 16 voltage steps, spool gun ready and spot/stitch timers. Supplied as standard with a wheel kit, cylinder rack, regulator, comprehensive setup chart and quality Tweco® WeldSkill® gun. The Fabricator 210 is extremely versatile with an optimized low end performance for .023" (0.6mm) down to 20 Amps and a top end of 250 Amps to comfortably run .045" (1.2mm) wires. Fabricator 210 is the ideal choice for sheetmetal work and light fabrication up to 1/2" (12.7mm) plate.

Applications include:

- Auto body repairs
- Farm/Ranch
- Maintenance and repairs
- Hobbyist
- Light fabrication
- Aluminum welding with a spool gun

Power, Performance, Features and Reliability

Welding DC

Maximum output	250 Amp
Maximum duty cycle @ 104°F	30% @ 250 Amp at 26.2V
Output @ 40% duty cycle @ 104°F	210 Amp at 23.3V
Output @ 60% duty cycle @ 104°F	176 Amp at 23.6V
Output @ 100% duty cycle @ 104°F	137 Amp at 21.0V
Current range	20-250 Amp
Number of voltage settings	16
Welding voltage range	15.2-26.2 Volt
Maximum plate thickness	1/2" (12.7mm)
Wire diameter range	Mild steel: .023" - .045" (0.6 - 1.2mm)
	Stainless steel: .023" - .045" (0.6 - 1.2mm)
	Aluminum: .030" - .045" (0.8 - 1.2mm)
	Flux cored: .030" - .045" (0.8 - 1.2mm)
Fitted feed roll suits MIG wire	.035" - .045" (0.9 - 1.2mm)
Dimensions (HxWxD)	32"x21"x36.8" (813x533x935mm)
Weight	200 lb (91kg)

Primary Power

Primary voltage	208/230 Volt
Supply plug	NEMA 6-50P
Lead cord length	10ft (3m)
Maximum input current @ 250 Amp	54/49 Amp
Rated kVA @ 250 Amps	11.2 kVA
Approvals	CSA (pending) IEC 60974-1 (CE)

Additional Features

- Spool gun compatible
- Easy spool gun fit-up, with no tools required
- Spot, stitch and dwell timers
- Storage box for consumable parts, drive rolls, etc

Fabricator® 210 Features*



Our comprehensive set-up chart explains how to produce optimized welding parameters



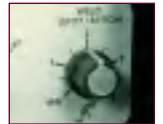
Easy installation wire spool compartment



Dwell control, off weld time for stitch welding and weld mode selector control



Burnback control



Spot weld control or on weld time for stitch welding



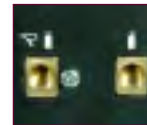
The 2 roll wire drive system with quick change drive rolls & single tension knob



TWECO® No. 4 gun connection



Fully varnished and baked mains transformer is built to last



The additional gas valve is designed to accommodate spool gun gas



Cylinder stand allows easy loading for cylinder

*Subject to change without notification.

Fabricator 251

Fabricator® 251



WARRANTY
5 Year*

The accomplished all-rounder

The Fabricator 251 is a 208-230 Volt integrated MIG machine with a best in class performance of 300 Amp maximum output @ 40% duty cycle (250 Amp @ 60%), 24 voltage steps, spool gun operation on demand, digital meters and spot/stitch timers. Supplied as standard with a wheel kit, dual cylinder rack, regulator, comprehensive setup chart and quality Tweco® WeldSkill® gun. The Fabricator 251 is also extremely versatile with an optimized low end performance for .023" (0.6mm) down to 20 Amps and a top end of 300 Amps to comfortably run 1/16" (1.6mm) wires. Fabricator 251 is the ideal choice for sheetmetal work and light to medium fabrication up to 5/8" (15.9mm) plate.

Applications include:

- Light to medium fabrication
- Farm/Ranch
- Maintenance and repairs
- Sheet metal fabrication
- Aluminum welding with a spool gun

Power, Performance, Features and Reliability

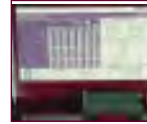
Welding DC	
Maximum output	300 Amp
Maximum duty cycle @ 104°F	40% @ 300 Amp at 31.7V
Output @ 60% duty cycle @ 104°F	250 Amp at 26.5V
Output @ 100% duty cycle @ 104°F	195 Amp at 24V
Current range	20-300 Amp
Number of voltage settings	24
Welding voltage range	14.5-31.7 Volt
Maximum plate thickness	5/8" (15.9mm)
Wire diameter range	Mild steel: .023" - .045" (0.6 - 1.2mm)
	Stainless steel: .023" - .045" (0.6 - 1.2mm)
	Aluminum: .030" - 1/16" (0.8 - 1.6mm)
	Flux cored: .030" - .1/6" (0.8 - 1.6mm)
Fitted feed roll suits MIG wire	.035" - .045" (0.9 - 1.2mm)
Dimensions (HxWxD)	32"x27.2"x36.8" (813x691x935mm)
Weight	227 lb (103kg)

Primary Power	
Primary voltage	208/230 Volt
Supply plug	NEMA 6-50P
Lead cord length	10ft (3m)
Maximum input current @ 300 Amp	68/62 Amp
Rated kVA @ 300 Amps	15 kVA
Approvals	CSA (pending) IEC 60974-1 (CE)

Additional Features	
• Spool gun compatible with automatic switching	
• Easy spool gun fit-up, with no tools required	
• Spot, stitch and dwell timers	
• Storage box for consumable parts, drive rolls, etc	
• Digital meter	

Fabricator 251

Fabricator® 251 Features*



Our comprehensive set-up chart explains how to produce optimized welding parameters



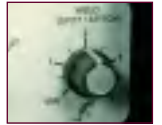
Easy installation wire spool compartment



Dwell control, off weld time for stitch welding and weld mode selector control



Burnback control



Spot control, on weld time for stitch welding or spot weld time



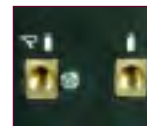
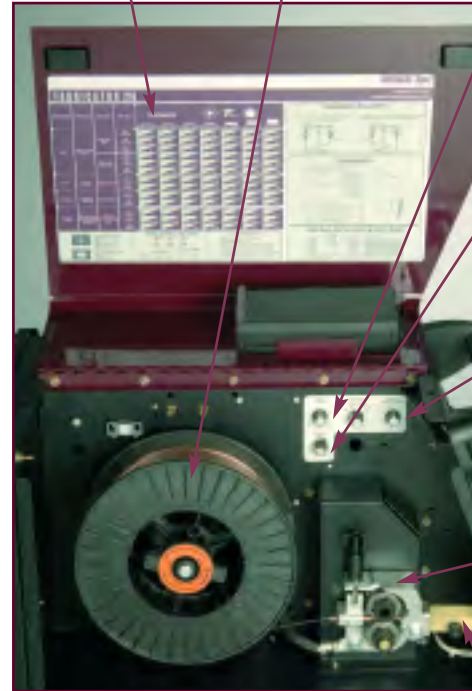
The 2 roll wire drive system with quick change drive rolls & single tension knob



TWECO® No. 4 gun connection



Fully varnished and baked mains transformer is built to last



The additional gas valve is designed to accommodate spool gun gas



Cylinder stand allows easy loading for two cylinders

* Subject to change without notification.

Fabricator 281

Fabricator® 281



Supplied with
Tweco
MIG gun

The versatile heavyweight all-rounder

The Fabricator 281 is identical to the popular Fabricator 251 in standard features and performance including best in class output of 300 Amp @ 40% duty cycle (250 Amp @ 60%). However, the 281 has a complete separate wirefeeder system with 26 feet of interconnecting cables from the power source. The wirefeeder conveniently fits on a pivot mount on top of the power source. The wirefeeder can simply be lifted off the pivot and carried up on top of equipment or machinery, 26 feet away. Additionally the spool gun connects to the wirefeeder allowing even further distance. The Fabricator 281 is the most versatile all round performer in the range.

Applications include:

- Agricultural equipment manufacture & repair
- Transport equipment manufacture & repair
- Farm/Ranch
- General maintenance and repairs
- Light to medium fabrication
- Aluminum welding with a spool gun

Power, Performance, Features and Reliability

Welding DC

Maximum output	300 Amp
Maximum duty cycle @ 104°F	40% @ 300 Amp at 31.7V
Output @ 60% duty cycle @ 104°F	250 Amp at 26.5V
Output @ 100% duty cycle @ 104°F	195 Amp at 24V
Current range	20-300 Amp
Number of voltage settings	24
Welding voltage range	14.5-31.7 Volt
Maximum plate thickness	5/8" (15.9mm)
Wire diameter range	Mild steel: .023" - .045" (0.6 - 1.2mm)
	Stainless steel: .023" - .045" (0.6 - 1.2mm)
	Aluminum: .030" - 1/16" (0.8 - 1.6mm)
	Flux cored: .030" - 1/16" (0.8 - 1.6mm)
Fitted feed roll suits MIG wire	.035" - .045" (0.9 - 1.2mm)
Dimensions (HxWxD)	58"x27.2"x36.8" (1473x691x935mm)
Weight	249 lb (113kg)

Primary Power

Primary voltage	208/230 Volt
Supply plug	NEMA 6-50P
Lead cord length	10ft (3m)
Rated input current @ 300 Amp	68/62 Amp
Rated kVA @ 300 Amp	15 kVA
Approvals	CSA (pending), IEC 60974-1 (CE)

Additional Features

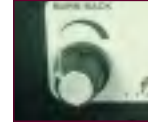
- Separate wirefeeder with 26ft (8m) interconnecting cables
- Spool gun compatible with automatic switching
- Easy spool gun fit-up, with no tools required
- Spot, stitch, dwell and timers
- Storage box for consumable parts, drive rolls, etc
- Digital meter

Fabricator 281

Fabricator® 281 Features*



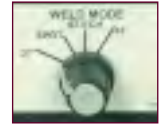
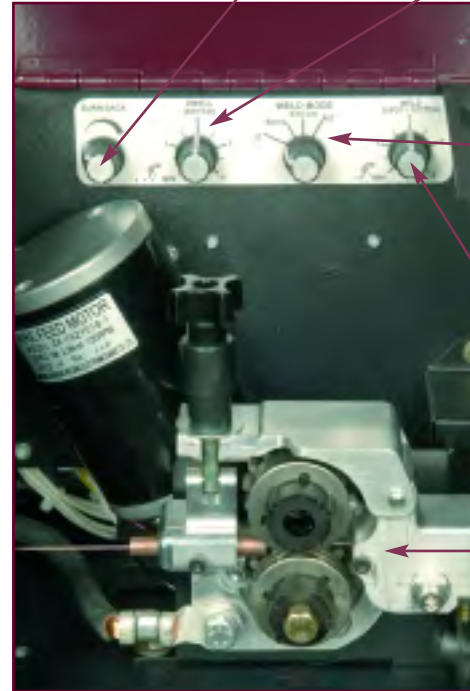
Our comprehensive set-up chart explains how to produce optimized welding parameters



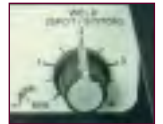
Burnback control



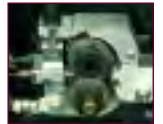
Dwell control, off weld time for stitch welding



Mode selector control



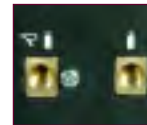
Spot control, on weld time for stitch welding or spot weld time



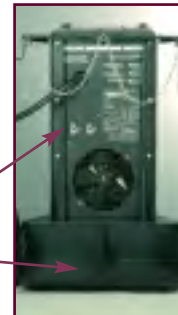
The 2 roll wire drive system with quick change drive rolls & single tension knob



TWECO® No. 4 gun connection



The additional gas valve is designed to accommodate spool gun gas



Cylinder stand allows easy loading for two cylinders



Fully varnished and baked mains transformer is built to last

*Subject to change without notification.

For information on Thermadyne's full line of products, visit our website at **www.thermadyne.com** or contact Customer Service at the numbers shown below:

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