

Dynasty[®] 350 and 700

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**TIG/Stick Welding
Power Source**



Quick Specs



Industrial Applications

Precision Fabrication
Heavy Fabrication
Pipe and Tube Fabrication
Aerospace
Aluminum Ship Repair
Anodized Aluminum Fabrication

Processes

TIG (GTAW)
Pulsed TIG (GTAW-P)
Stick (SMAW)
Air Carbon Arc (CAC-A)
350: 1/4 in maximum
700: 3/8 in maximum

Input Power 208–575 V, 3- or 1-Phase

Amperage Range **350:** 3–350 A
700: 5–700 A

Rated Output **350:** 300 A at 32 V, 60% Duty Cycle
700: 600 A at 44 V, 60% Duty Cycle

Weight **350:** 135.5 lb (61 kg)
700: 198 lb (90 kg)

The Power of Blue.[®]



Allows for any input voltage hookup (208–575 V) with no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable power.

Meter calibration allows meters to be calibrated for certification.

120 V auxiliary power receptacle for cooling system or small tools.

Wind Tunnel Technology™ protects internal electrical components from airborne contaminants, extending the product life.

Fan-On-Demand™ power source cooling system operates only when needed, reducing noise, energy use and the amount of contaminants pulled through the machine.

Blue Lightning™ high-frequency arc starter for non-contact arc initiation. Provides more consistent arc starts and greater reliability compared to traditional HF arc starters. Easy to set and increases productivity.

Lift-Arc™ start provides AC or DC arc starting without the use of high frequency.

Program memory features 9 independent program memories that maintain/save your parameters.

Auto-postflow calculates the length of postflow time based on the amperage setting. This eliminates the need to independently set the postflow time for different amperages. This feature preserves your tungsten and prevents porosity.



Dynasty 350 machine only

Dynasty 350 Complete Package with Wireless Foot Control

Miller recommends
MAXAL
aluminum filler.

Stick Features (AC/DC)

Tailored arc control (DIG) allows the arc characteristic to be changed for specific applications and electrodes. Smooth running 7018 or stiffer, more penetrating 6010.

Hot Start™ adaptive control provides positive arc starts without sticking.

AC frequency control adds additional stability when Stick welding in AC for smoother welds.



Power source is warranted for 3 years, parts and labor.
Original main power rectifier parts are warranted for 5 years.

AC TIG Features

Independent amplitude/amperage control allows EP and EN amperages to be set independently to precisely control heat input to the work and electrode.

Extended AC balance (30–99%) controls the amount of oxide cleaning (amperage time in EN) which is essential for high quality welds on aluminum.

AC frequency (20–400 Hz) controls the width of the arc cone and the force of the arc.

AC Waveforms

Advance squarewave, fast freezing puddle, deep penetration and fast travel speeds.

Soft squarewave for a soft buttery arc with maximum puddle control and good wetting action.

Sine wave for customers that like a traditional arc. Quiet with good wetting.

Triangular wave reduces the heat input and is good on thin aluminum. Fast travel speeds.

DC TIG Features

Exceptionally smooth and precise arc for welding exotic materials.

High-speed DC TIG pulse controls. Pulse frequency capable of pulsing 5000 pulses per second. Pulsing adds arc stability, reduces heat input and warpage and can increase travel speeds. Other parameters include peak amperage, peak time and background amperage.



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MADE IN USA
APPLETON, WI

Specifications (Subject to change without notice.)

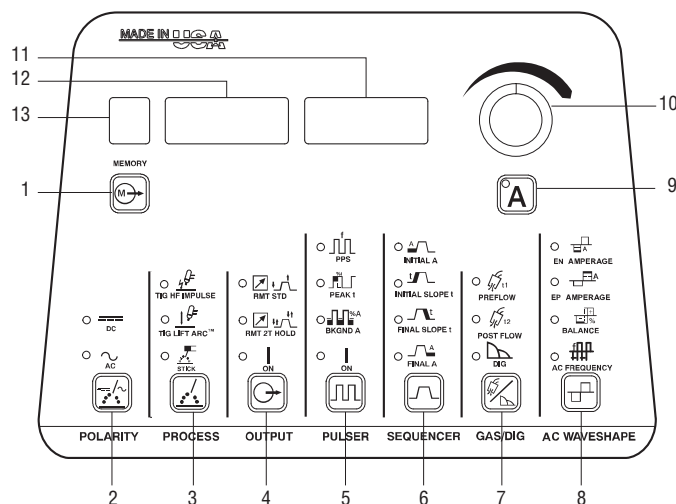


Model	Input Power	Welding Amperage Range	Max. Open-Circuit Voltage	Rated Output	Amps Input at Rated Load Output, 50/60 Hz							Dimensions	Net Weight
Dynasty 350	Three-Phase	3–350 A	75 VDC 10–15 VDC*	250 A at 30 V, 100% Duty Cycle	29	26	15	13	10	10.3	9.9	H: 24-3/4 in (629 mm) W: 13-3/4 in (349 mm) D: 22 in (559 mm)	135.5 lb (61 kg)
				300 A at 32 V, 60% Duty Cycle	35	32	18	16	13	12.7	12.1	with TIGRunner® H: 45-1/8 in (1146 mm) W: 23-1/8 in (587 mm) D: 43-3/4 in (1111 mm)	with TIGRunner® 308 lb (140 kg)
	Single-Phase	3–350 A	75 VDC 10–15 VDC*	180 A at 27.2 V, 100% Duty Cycle	35	32	—	15	12	7.4	6.8		
				225 A at 29 V, 60% Duty Cycle	47	43	—	21	17	9.8	9.1		
Dynasty 700	Three-Phase	5–700 A	75 VDC 10–15 VDC*	500 A at 40 V, 100% Duty Cycle	75	68	39	34	27	27	26	H: 34-1/2 in (876 mm) W: 13-3/4 in (349 mm) D: 22 in (559 mm)	198 lb (90 kg)
				600 A at 44 V, 60% Duty Cycle	97	88	51	44	35	35	34	with TIGRunner® H: 55-1/8 in (1400 mm) W: 23-1/8 in (587 mm) D: 43-3/4 in (1111 mm)	with TIGRunner® 370 lb (168 kg)
	Single-Phase	5–700 A	75 VDC 10–15 VDC*	360 A at 34 V, 100% Duty Cycle	82	74	—	37	30	17	16		
				450 A at 38 V, 60% Duty Cycle	115	104	—	52	42	24	22		

Certified by Canadian Standards Association to both the Canadian and U.S. Standards. All CE models conform to the applicable parts of the IEC 60974 series of standards.

*Indicates sense-voltage for Lift-Arc TIG and Low OCV Stick.

Control Panel



9. Amperage Control

10. Encoder Control

11. Ammeter Display

12. Voltmeter Display

Additional Setup Parameter Values

Preprogrammed Starts

Dynasty 350	.020–3/16 in Tungsten
Dynasty 700	.040–1/4 in Tungsten

Programmable Starts

Amperage	Dynasty 350: 3–200 A Dynasty 700: 5–200 A
Time	0–200 Milliseconds
Ramp Time	0–250 Milliseconds
Minimum Amperage	Dynasty 350: 3–25 A Dynasty 700: 5–25 A

Additional Triggers	3T, 4T, Mini Logic, 4T Momentary
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Waveshapes	Advance Squarewave, Soft Squarewave, Sine Wave, Triangular wave
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Amplitude Lock	EN EP Same, EN EP Independent
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Spot/Weld Timer	0.0–999 Seconds
OCV	Low OCV, Normal OCV

Stick Stuck Check	On/Off
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Lockouts	Four levels
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Arc Timer	0.0–9999 Hours and 0–59 Min
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Cycle Counter	0–999,999 Cycles
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Meter Calibration	±0–20.0 Amps ±0–20.0 Volts
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Control Panel Parameter Values

1. Memory		36 Combinations (9 AC TIG) (9 AC Stick) (9 DC TIG) (9 DC Stick)
2. Polarity		AC/DC
3. Process/ Arc Starting		TIG: HF Impulse, Lift Arc STICK: Adaptive Hot Start
4. Output Control		Standard Remote, 2T Trigger Hold, Output ON
5. Pulser Control		Pulses per Second DC: 0.1–5000 PPS AC: 0.1–500 PPS Peak Time 5–95% Background Amps 5–95%
6. Sequencer Control		Initial Amps Dynasty 350: 3–350 A Dynasty 700: 5–700 A Initial Slope 0.0–50.0 Seconds Final Slope 0.0–50.0 Seconds Final Amps Dynasty 350: 3–350 A Dynasty 700: 5–700 A
7. Gas/DIG Preflow Postflow		0.0–25.0 Seconds Auto Postflow, Adjust 0.0–50 Seconds
DIG		0–100%
8. AC Waveshape		EN Amperage 3–350 A/5–700 A EP Amperage 3–350 A/5–700 A Balance 30–99% AC Frequency 20–400 Hz

Performance Data



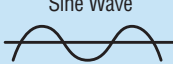

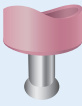
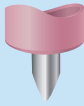
DUTY CYCLE

Dynasty 350		Dynasty 700	
3-PHASE		3-PHASE	
%	AMPERAGE	%	AMPERAGE
30%	350 A	30%	700 A
60%	300 A	60%	600 A
100%	250 A	100%	500 A

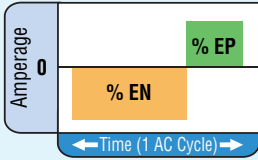
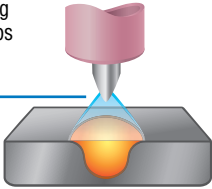
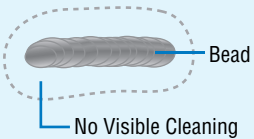
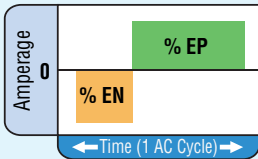
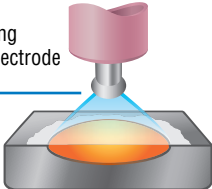
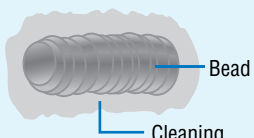
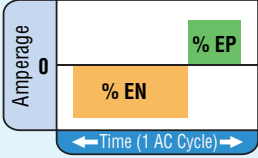
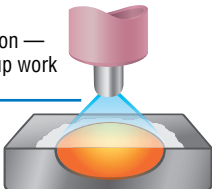
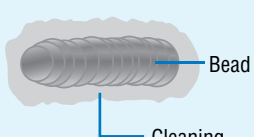
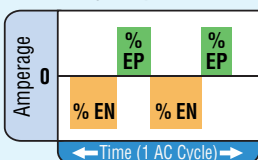
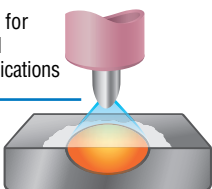
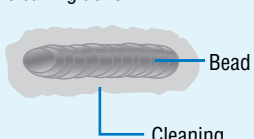
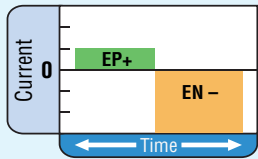
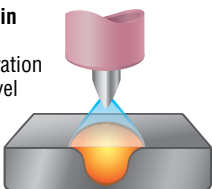
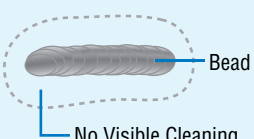
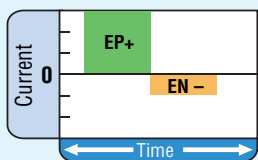
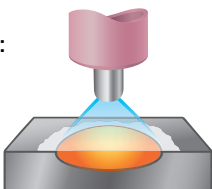
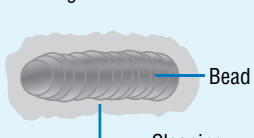
1-PHASE		1-PHASE	
%	AMPERAGE	%	AMPERAGE
10%	350 A	10%	700 A
30%	250 A	30%	500 A
60%	225 A	60%	450 A
100%	180 A	100%	360 A

TIG Upgrade Chart

Which Machine is Right for You?

Why Upgrade?	Syncrowave 350	UPGRADE	Dynasty 350	Dynasty 350 Benefits
Maximum Thickness Capacity	1/2 in Aluminum		5/8 in Aluminum	Increases aluminum thickness.
High Frequency Arc Starting	Continuous HF		Start Only	Start Only limits HF interference issues.
Frequency Control AC Output Control	Fixed at 60 Hz		Variable 20–400 Hz	Higher frequencies provide better arc control and faster travel speeds.
AC Waveforms	Soft Squarewave 		Advanced Squarewave  Sine Wave  Triangular Wave 	Advanced Squarewave=Travel faster Soft Squarewave= Maximum puddle control Sine Wave= Traditional characteristics Triangular Wave= Reduced heat input
Weld Aluminum with Pointed Tungsten				Waveshaping controls maintain the point. The benefits are: reduced heat input into your part, smaller weld beads, better starting and more control of the arc.
Portability	496 lb Manual Links 208/230/460 V Single-Phase		135 lb Auto-Line™ 208–575 V Single-Phase or Three-Phase	Easier to move because of size and weight. Auto-Line™ allows the unit to operate on any voltage. Single- or three-phase. Even generators!
Power Draw at 300 Amps	110 A at 230 V Single-Phase		32 A at 230 V Three-Phase	Power requirement to operate is much less. Smaller electrical service needed, smaller breaker/fuses and power cord.
Precise Controls	Some Digital Controls		All Digital Controls	Accuracy and repeatability with all digital controls.

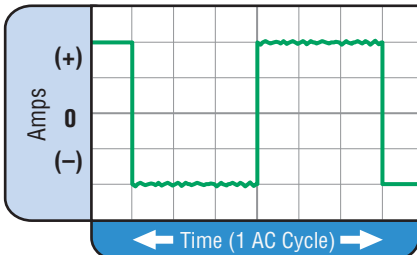
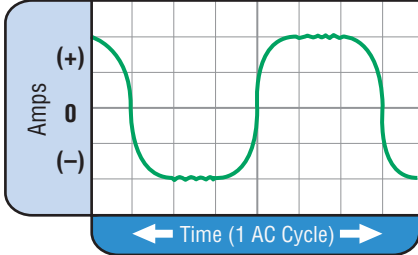
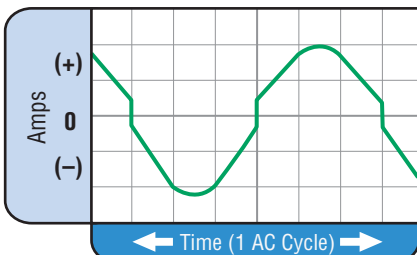
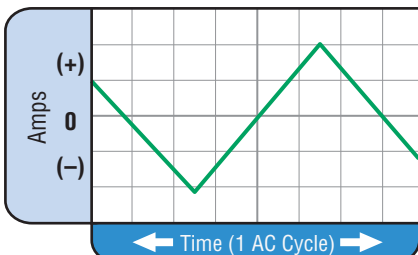
AC Waveshape Controls

Feature	Waveform	Effect on Bead	Effect on Appearance
AC Balance Control Controls arc cleaning action. Adjusting the % EN of the AC wave controls the width of the etching zone surrounding the weld. <i>Note: Set the AC Balance control for adequate arc cleaning action at the sides and in front of the weld puddle. AC Balance should be fine tuned according to how heavy or thick the oxides are.</i>	51 – 99% EN 	Reduces balling action and helps maintain point  Deep, narrow penetration	Narrow bead, with no visible cleaning  No Visible Cleaning
	30 – 50% EN 	Increases balling action of the electrode  Shallow penetration	Wider bead and cleaning action  Cleaning
AC Frequency Control Controls the width of the arc cone. Increasing the AC Frequency provides a more focused arc with increased directional control. <i>Note: Decreasing the AC Frequency softens the arc and broadens the weld puddle for a wider weld bead.</i>	60 Cycles per Second 	Wider bead, good penetration — ideal for buildup work 	Wider bead and cleaning action  Cleaning
	120 Cycles per Second 	Narrower bead for fillet welds and automated applications 	Narrower bead and cleaning action  Cleaning
Independent AC Amperage Control Allows the EN and EP amperage values to be set independently. Adjusts the ratio of EN to EP amperage to precisely control heat input to the work and the electrode. EN amperage controls the level of penetration, while EP amperage dramatically effects the arc cleaning action along with the AC Balance control.		More current in EN than EP: Deeper penetration and faster travel speeds 	Narrow bead, with no visible cleaning  No Visible Cleaning
		More current in EP than EN: Shallower penetration 	Wider bead and cleaning action  Cleaning

AC Waveshape Controls (Continued)

AC Waveform Selection

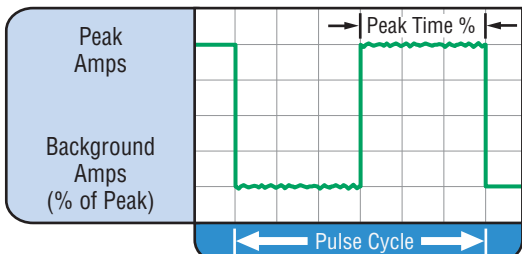
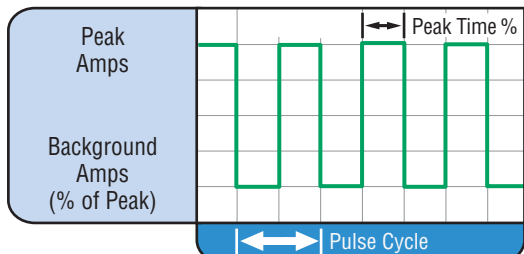
Select from four different AC waveforms to optimize the arc characteristic for your application. Choose from:

ADVANCED SQUAREWAVE	SOFT SQUAREWAVE
 <p>Fast transitions for responsive and dynamic arc.</p>	 <p>All the benefits of advanced square, fine tuned to provide a smooth, soft arc with maximum puddle control and good wetting action.</p>
SINEWAVE	TRIANGULAR WAVE
 <p>Square transitions eliminate the need for continuous HF, while the sinewave peaks soften the arc.</p>	 <p>Unconventional wave provides the punch of the peak amperage, while reducing overall heat input. Quick puddle formation reduces weld time — limiting heat input and reducing weld distortion, especially on thin materials.</p>

Pulse TIG Controls

High Speed DC TIG-Pulse Controls

- **PPS Pulses per second (Hz):** DC = 0.1 – 5,000 PPS / AC = 0.1 – 500 PPS
- **% ON – % Peak Time:** 5 - 95% (Controls the amount of time during each pulse cycle at the PEAK amperage.)
- **Background Amps:** 5 – 99% (Sets the low-pulse amperage value as a % of the Peak Amps.)

CONVENTIONAL PULSED TIG	HIGH SPEED PULSED TIG
 <p>Typically from 1 to 10 PPS. Provides a heating and cooling effect on the weld puddle and can reduce distortion by lowering the average amperage. This heating and cooling effect also produces a distinct ripple pattern in the weld bead. The relationship between pulse frequency and travel speed determines the distance between the ripples. Slow pulsing can also be coordinated with filler metal addition and can increase overall control of the weld puddle.</p>	 <p>In excess of 40 PPS, Pulsed TIG becomes more audible than visible — causing increased puddle agitation for a better as-welded microstructure. Pulsing the weld current at high speeds — between a high Peak and a low Background amperage — can also constrict and focus the arc. This results in maximum arc stability, increased penetration and increased travel speeds (Common Range: 100 – 500 PPS). The Arc-Sharpening effects of high speed pulsing are expanded to new dimensions. The ability to pulse at 5,000 PPS further enhances arc stability and concentration potential — which is extremely beneficial to automation where maximum travel speeds are required.</p>



Dynasty® Power Sources

Dynasty® 350 #907 204 (CSA)
(Auto-Line™ 208–575 VAC)

Dynasty® 350 #907 204-02-1 (CE)
(Auto-Line™ 380–575 VAC)

Includes 8 ft (2.4 m) primary cord, (2) Dinse 50 connectors, and DVD Setup Video (#251 116).

Note: TIG torch adapter must be ordered separately.

Dynasty® 700 #907 101 (CSA)
(Auto-Line™ 208–575 VAC)

Dynasty® 700 #907 101-02-1 (CE)
(Auto-Line™ 380–575 VAC)

Includes (2) thread lock weld cable connectors (#225 029), (1) water-cooled thread lock torch adapter (#225 028) for #18 or #20 torches, and DVD Setup Video (#251 116).

Note: Primary cord and TIG torch must be ordered separately.

TIGRunner® Packages

Dynasty 350 TIGRunner® #907 204-00-1 (CSA)

Completely assembled.

Package includes:

- Dynasty® 350 (#907 204)
- Coolmate™ 3.5 Coolant System
- Cart with the following features: single cylinder rack, foot pedal holder, (3) cable/torch holders, (2) TIG electrode filler holders and a convenient drawer for tungsten and consumable storage

Note: Torch package and coolant must be ordered separately.

Dynasty 700 TIGRunner® #907 101-00-1 (CSA)

Completely assembled.

Package includes:

- Dynasty® 700 (#907 101)
- Coolmate™ 3.5 Coolant System
- Cart with the following features: single cylinder rack, foot pedal holder, (3) cable/torch holders, (2) TIG electrode filler holders and a convenient drawer for tungsten and consumable storage

Note: Torch package and coolant must be ordered separately.

Complete Packages

Dynasty 350 Complete

#951 402 (CSA) w/Wireless Foot Control
#951 401 (CSA) w/Foot Control

Completely assembled.

Package includes:

- Dynasty® TIGRunner® (#907 204-00-1)
- Wireless Remote Foot Control (#300 429) or RFCS-14 HD Foot Control (#194 744)
- 25 ft (7.6 m) Weldcraft CS310 water-cooled torch
- Torch cable cover
- CS310AKC torch accessory kit includes shielding cups, collets, collet bodies, and 2% cerium tungsten electrodes (1/16, 3/32, and 1/8 in)
- Smith regulator/flowmeter HM2051A-580
- Gas hose (regulator to machine)
- Water-cooled Dinse torch adapter
- 15 ft (4.6 m) 1/0 weld lead with clamp (work or ground lead) and Dinse connector
- 4 gallons of pre-mixed low-conductivity coolant (#043 810)

Dynasty 700 Complete

#951 404 (CSA) w/Wireless Foot Control
#951 403 (CSA) w/Foot Control

Completely assembled.

Package includes:

- Dynasty® 700 TIGRunner® (#907 101-00-1)
- Wireless Remote Foot Control (#300 429) or RFCS-14 HD Foot Control (#194 744)
- 25 ft (7.6 m) Weldcraft WP18SC water-cooled torch
- Torch cable cover
- AK18C Torch Accessory Kit includes shielding cups, collets, collet bodies and 2% cerium tungsten electrodes (3/32, 1/8 and 5/32 in)
- Smith regulator/flowmeter H1954D-580
- Gas hose (regulator to machine)
- Water-cooled thread lock torch adapter
- 12 ft (3.7 m) 4/0 weld lead with clamp (work or ground lead)
- 4 gallons of pre-mixed low-conductivity coolant (#043 810)



Torch Kits

250 A Water-Cooled Torch Kit #300 185

- 25 ft (7.6 m) Weldcraft® WP20 torch
- Torch cable cover
- AK4C torch accessory kit includes shielding cups, collets, collet bodies and 2% cerium tungsten electrodes (1/16, 3/32 and 1/8 in)
- Smith® regulator/flowmeter HM2051A-580
- Gas hose (regulator to machine)
- Water-cooled Dinse torch adapter
- 15 ft (4.6 m) 1/0 weld lead with clamp (work or ground lead) and Dinse connector

300 A Water-Cooled Torch Kit #300 183 *Recommended for Dynasty 350*

- 25 ft (7.6 m) Weldcraft® CS310 torch
- Torch cable cover
- CS310AKC torch accessory kit includes shielding cups, collets, collet bodies and 2% cerium tungsten electrodes (1/16, 3/32 and 1/8 in)
- Smith® regulator/flowmeter HM2051A-580
- Gas hose (regulator to machine)
- Water-cooled Dinse torch adapter
- 15 ft (4.6 m) 1/0 weld lead with clamp (work or ground lead) and Dinse connector

400 A Water-Cooled Torch Kit #300 186 *Recommended for Dynasty 700*

- 25 ft (7.6 m) Weldcraft® WP18SC torch
- Torch cable cover
- AK18C torch accessory kit includes shielding cups, collets, collet bodies and 2% cerium tungsten electrodes (3/32, 1/8 and 5/32 in)
- Smith® regulator/flowmeter H1954D-580
- Gas hose (regulator to machine)
- Water-cooled thread lock torch adapters
- 12 ft (3.7 m) 4/0 weld lead with clamp (work or ground lead)



Runner Cart #300 244

Designed to accommodate Dynasty® or Maxstar® 350 or 700 power sources and a Coolmate™ 3.5 Cooler. Cart features single cylinder rack, foot pedal holder, (3) cable/torch holders, (2) TIG

electrode filler holders and a convenient drawer for tungsten and consumable storage.



Coolmate™ 3.5 #300 245

Designed to integrate with the Dynasty® and Maxstar® 350 and 700 power

sources. For use with water-cooled torches rated up to 600 amps. 3.5 gallon capacity.

TIG Coolant #043 810

Sold in multiples of 4. Pre-mixed low-conductivity Miller coolant contains ethylene glycol and deionized water to protect from freezing and boiling -37° to 227°F (-38° to 108°C). 1-gallon plastic recyclable bottles.



Water-Cooled Dinse #195 377

For Dynasty and Maxstar® 350.

Used to adapt WP20, WP18, and CS310 to dinse-style connector. *Order from Miller Parts.*



Water-Cooled Thread Lock #225 028

For Dynasty and Maxstar 700. Used with (WP125, WP24W, WP25, WP20, WP18, WP12, CS310, CS410, WP22, WP27)

water-cooled torch. *Order from Miller Parts.*

Automation Interface Connection Kit #195 516 Field

Provides control of power source welding parameters through a 28-pin receptacle. The 28-pin receptacle replaces the standard 14-pin receptacle and requires a PLC controller to operate the power source. Ideal for automated equipment integration.

Weld Current Sensor #300 179 Field

Detects when work clamp is not connected and prevents expensive damage to disconnect devices and input power cord and wiring.

Educational Materials

To order these items, distributors can call the Miller Literature Distribution Center at 1-920-735-4356, or FAX 1-920-735-4011.

Gas Tungsten Arc (TIG) Welding Book #170 555

Simulator and Setup CD-ROM #233 558

DVD Setup Video #251 116

Video topics include Tungsten Selection, Setup Menus, DC Pulse, Sequencer, Balance and Frequency Settings. (Included with machine.)

Tungsten

Tungsten is 7 in length and available in pkgs of 10. Order from Miller Parts.

2% Ceriated (orange) for AC/DC applications

- #WC040X7 .040 in, 10–80 A
- #WC116X7 1/16 in, 70–150 A
- #WC332X7 3/32 in, 140–250 A
- #WC018X7 1/8 in, 225–400 A
- #WC532X7 5/32 in, 300–500 A

1.5% Lanthanum (gold) for AC/DC applications

- #WL040X7 .040 in, 10–80 A
- #WL116X7 1/16 in, 70–150 A
- #WL332X7 3/32 in, 140–250 A
- #WL018X7 1/8 in, 225–400 A
- #WL532X7 5/32 in, 300–500 A

Remote Controls and Switches



Wireless Remote Foot Control #300 429

For remote current and contactor control. Receiver plugs directly into the 14-pin receptacle of Miller machine. 90 ft (27.4 m) operating range.



Wireless Remote Hand Control #300 430

For remote current and contactor control. Receiver plugs directly into the 14-pin receptacle of Miller machine. 300 ft (91.4 m) operating range.



RCCS-14 Remote Contactor and Current Control #043 688

14-pin plug. North/south rotary-motion fingertip control fastens to TIG torch using two Velcro® straps. Includes 26.5 ft (8 m) control cord.



RFCS-14 HD Foot Control #194 744

Maximum flexibility is accomplished with a reconfigurable cord that can exit the front, back or either side of the pedal. Foot pedal provides remote current and contactor control. Includes 20 ft (6 m) cord and 14-pin plug.

RHC-14 Hand Control #242 211 020

Miniature hand control for remote current and contactor control. Dimensions: 4 x 4 x 3-1/4 in (102 x 102 x 83 mm). Includes 20 ft (6 m) cord and 14-pin plug.



RMLS-14 Switch #129 337

Momentary- and maintained-contact rocker switch for contactor control. Push forward for maintained contact and backward for momentary contact. Includes 26.5 ft (8 m) cord and 14-pin plug.



RMS-14 On/Off Control #187 208

Momentary-contact switch for contactor control. Rubber-covered pushbutton dome switch ideal for repetitive on-off applications. Includes 26.5 ft (8 m) cord and 14-pin plug.

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
Dynasty® 350	#907 204	Auto-Line™ 208–575 VAC, 50/60 Hz, CSA . 8 ft primary cord		
Dynasty® 350 TIGRunner®	#907 204-00-1	Auto-Line™ 208–575 VAC, 50/60 Hz, CSA . 8 ft primary cord. <i>Requires coolant</i>		
Dynasty® 350 Complete with Wireless Remote Foot Control	#951 402	Auto-Line™ 208–575 VAC, 50/60 Hz, CSA . 8 ft primary cord		
Dynasty® 350 Complete with Foot Control	#951 401	Auto-Line™ 208–575 VAC, 50/60 Hz, CSA . 8 ft primary cord		
Dynasty® 350 International	#907 204-02-1	Auto-Line™ 380–575 VAC, 50/60 Hz, CE . 8 ft primary cord		
Dynasty® 700	#907 101	Auto-Line™ 208–575 VAC, 50/60 Hz, CSA		
Dynasty® 700 TIGRunner®	#907 101-00-1	Auto-Line™ 208–575 VAC, 50/60 Hz, CSA . <i>Requires coolant</i>		
Dynasty® 700 Complete with Wireless Remote Foot Control	#951 404	Auto-Line™ 208–575 VAC, 50/60 Hz, CSA		
Dynasty® 700 Complete with Foot Control	#951 403	Auto-Line™ 208–575 VAC, 50/60 Hz, CSA		
Dynasty® 700 International	#907 101-02-1	Auto-Line™ 380–575 VAC, 50/60 Hz, CE		
TIG Torch Kits				
Weldcraft® 250 A Water-Cooled Torch Kit	#300 185	See page 7		
Weldcraft® 300 A Water-Cooled Torch Kit	#300 183	See page 7. Recommended for Dynasty 350		
Weldcraft® 400 A Water-Cooled Torch Kit	#300 186	See page 7. Recommended for Dynasty 700		
Weldcraft® 200 A Air-Cooled Torch	#WP2625RM	For Dynasty 350 only. Adapter #195 379 required. <i>Order from Miller Parts</i>		
Consumables and Tungsten		Distributor: See Miller Parts Catalog		
Gas Cylinder, Hose and Fittings				
Remote Controls				
Wireless Remote Foot Control	#300 429	Foot control with wireless 90 ft (27.4 m) operating range		
Wireless Remote Hand Control	#300 430	Hand control with wireless 300 ft (91.4 m) operating range		
RCCS-14	#043 688	North/south fingertip control		
RFCS-14 HD	#194 744	Heavy-duty foot control		
RHC-14	#242 211 020	Hand control		
RMLS-14	#129 337	Momentary/maintained rocker switch		
RMS-14	#187 208	Momentary rubber dome switch		
Extension Cables	#242 208 025	25 ft (7.6 m)		
	#242 208 050	50 ft (15.2 m)		
	#242 208 080	80 ft (24.4 m)		
Accessories				
Runner™ Cart	#300 244	See page 7		
Coolmate™ 3.5	#300 245	<i>Requires coolant</i>		
TIG Coolant	#043 810	Sold in multiples of four in 1-gallon plastic bottles		
Automation Interface Kit	#195 516	Field. Provides required automation connections		
Weld Current Sensor	#300 179	Field. Installation required		
Gas Tungsten Arc (TIG) Welding Book	#170 555	<i>Order at MillerWelds.com/resources/tools</i>		
Simulator and Setup CD-ROM	#233 558			
DVD Setup Video	#251 116	Included with machine		
Torch Adapters		<i>Supplied with power source and torch kits</i>		
Water-Cooled Dinse	#195 377	Used to connect water-cooled torch to Dinse terminal machine. For WP20, WP18 and CS310 (adapter included in Complete Package). <i>Order from Miller Parts</i>		
Water-Cooled Thread Lock	#225 028	Used to connect water-cooled torch to Dynasty/Maxstar 700. <i>Order from Miller Parts</i>		
Cable Connectors		<i>Supplied with power source and torch kits</i>		
Dinse Connector 50 mm (1 male)	#042 418	Used to connect weld lead to Dinse terminal machine		
Thread Lock Connectors (2 male)	#225 029	Used to connect weld lead to Dynasty 700 or Maxstar 700. <i>Order from Miller Parts</i>		
Dinse Connector 50 mm (1 male, 1 female)	#042 419	Used to extend weld cables		
Tweco® Terminal Adapter	#042 465	Male Dinse to female Tweco		
Cam-Lok Terminal Adapter	#042 466	Male Dinse to female Cam-Lok		
Miscellaneous				
Stick Electrodes				
Welding and Work Cables				
Welding Gloves and Helmet				

Date:

Total Quoted Price:

Distributed by:

