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: 5–350 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®

AUTO-LINE™ Power Management Technology — 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.

NEW! **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 though the machine.

TIGRunner® packages feature a 3.5 gallon (13.2 L) cooling system. The cart is equipped with cylinder carrying capabilities, filler rod holder, foot pedal holder, torch and cable holders. A pullout drawer provides additional storage for torch consumables and tools. See page 6.

Programmable start parameters allow independent starting conditions based on process and memory selections (amperage, time and polarity).

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

High-frequency arc starter for non-contact arc initiation.

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

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 700

Dynasty 350

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.

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 Control 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.

TRUE BLUE® 3 YR. WARRANTY

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

MADE IN USA
APPLETON, WI

Miller®

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An Illinois Tool Works Company
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Appleton, WI 54914 USA

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Phone: 866-931-9730
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International FAX: 920-735-4125

Web Site
www.MillerWelds.com

ISO 9001:2000 REGISTERED QUALITY SYSTEM

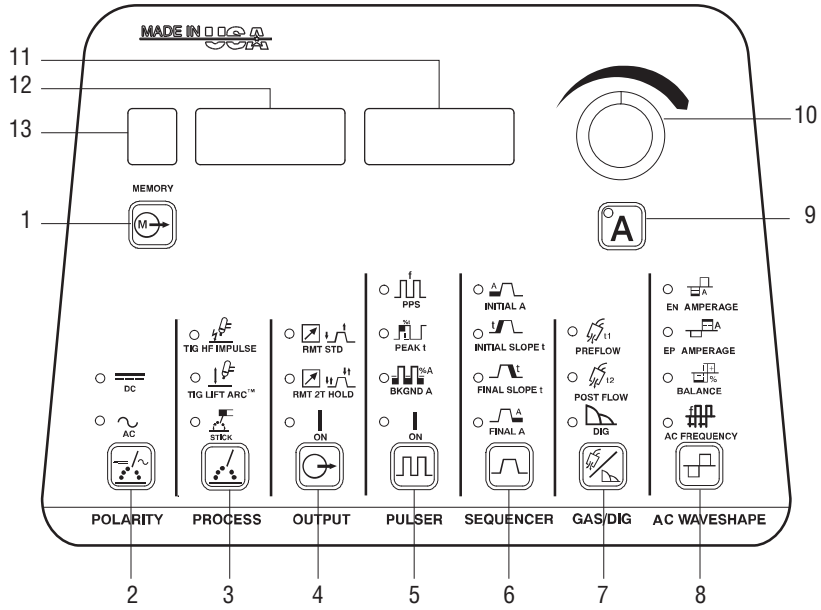
Specifications (Subject to change without notice.)

Model	Input Power	Welding Amperage Range	Max. Open-Circuit Voltage	Rated Output	Amps Input at Rated Load Output, 50/60 Hz 208 V	230 V	400 V	460 V	575V	KVA	KW	Dimensions	Net Weight
Dynasty 350	Three-Phase	5–350 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	5–350 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: 34-5/8 in (879 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 to both the Canadian and U.S. Standards for welding equipment. *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



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: 5–350 A; Dynasty 700: 5–700 A
- Initial Slope: 0.0–50.0 Seconds
- Final Slope: 0.0–50.0 Seconds
- Final Amps: Dynasty 350: 5–350 A; Dynasty 700: 5–700 A

7. Gas/DIG Preflow 0.0–25.0 Seconds
Postflow Auto Postflow, Adjust 0.0–50 Seconds
DIG 0–100%

8. AC Waveshape
- EN Amperage: 5–350 A/5–700 A
- EP Amperage: 5–350 A/5–700 A
- Balance: 30–99%
- AC Frequency: 20–400 Hz

9. Amperage Control

10. Encoder Control

11. Ammeter Display

12. Voltmeter Display

Additional Setup Parameter Values

Programmable Starts
- Amperage: 5–200 A
- Time: 1–200 Milliseconds
- Polarity: EP, EN

Additional Triggers 3T, 4T, Mini Logic, 4T Momentary

Waveshapes Advance Squarewave, Soft Squarewave, Sine Wave, Triangular wave

Amplitude Lock EN EP Same, EN EP Independent

Spot/Weld Timer 0.0–999 Seconds

OCV Low OCV, Normal OCV

Lockouts Four levels

Arc Timer 0.0–9999 Hours and 0–59 Min

Cycle Counter 0–999,999 Cycles

Meter Calibration ±0–20.0 Amps ±0–20.0 Volts

Performance Data

DUTY CYCLE

Maxstar 350

3-PHASE

%	AMPERAGE
0–30%	350 A
60%	300 A
100%	250 A

1-PHASE

%	AMPERAGE
0–10%	350 A
30%	250 A
60%	225 A
100%	180 A

Maxstar 700

3-PHASE

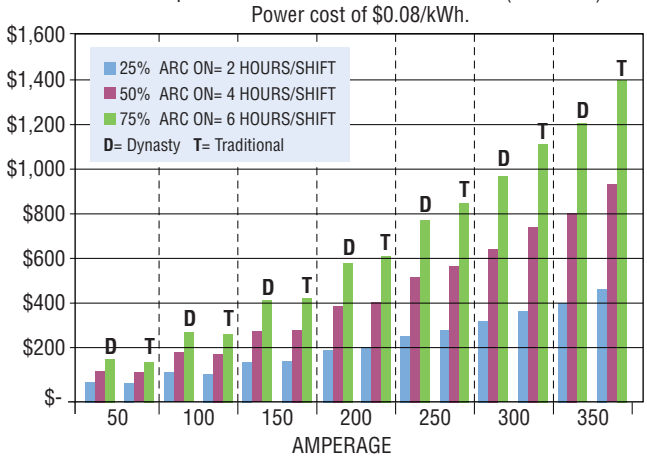
%	AMPERAGE
0–30%	700 A
60%	600 A
100%	500 A

1-PHASE

%	AMPERAGE
0–10%	700 A
30%	500 A
60%	450 A
100%	360 A

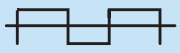
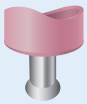
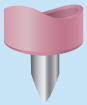
ANNUAL POWER COST OF OPERATION

Annual power costs based on one 8 hour shift (40 hrs/wk).
Power cost of $0.08/kWh.

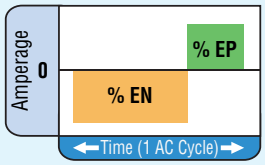
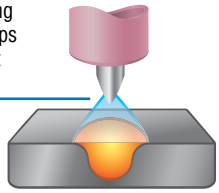
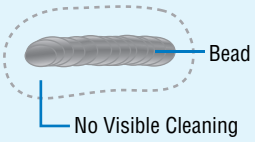
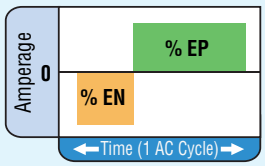
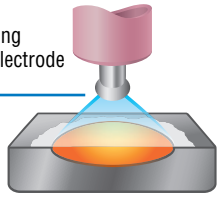
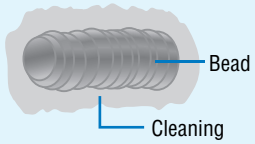
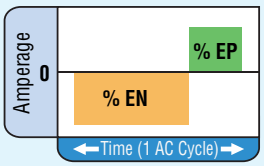
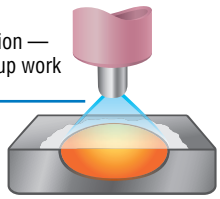
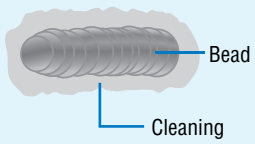
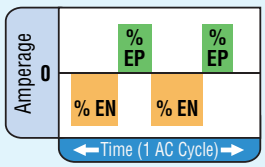
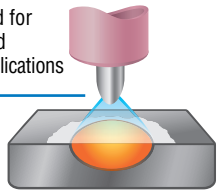
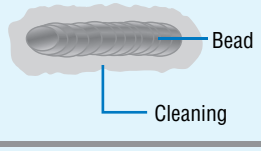
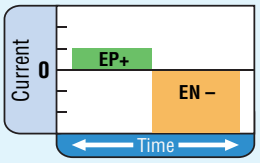
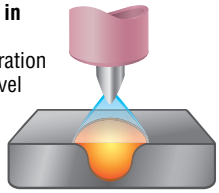
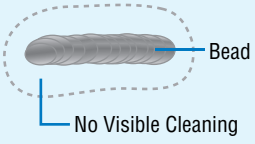
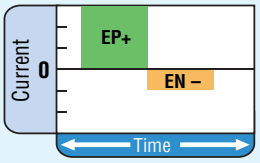
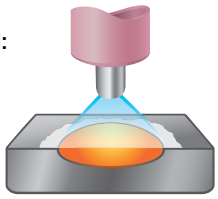
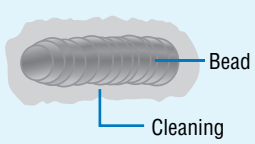


TIG Upgrade Chart

Which Machine is Right for You?

Why Upgrade?	Syncrowave 350		Dynasty 350	Dynasty 350 Benefits
Maximum Thickness Capacity	1/2 in Aluminum	UPGRADE	5/8 in Aluminum	Increases aluminum thickness.
High Frequency Arc Starting	Continuous HF	UPGRADE	Start Only	Start Only limits HF interference issues.
Frequency Control AC Output Control	Fixed at 60 Hz	UPGRADE	Variable 20–400 Hz	Higher frequencies provide better arc control and faster travel speeds.
AC Waveforms	Soft Squarewave 	UPGRADE	Advanced Squarewave  Soft 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		UPGRADE		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	UPGRADE	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	UPGRADE	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	UPGRADE	All Digital Controls	Accuracy and repeatability with all digital controls.

AC Waveshape Controls

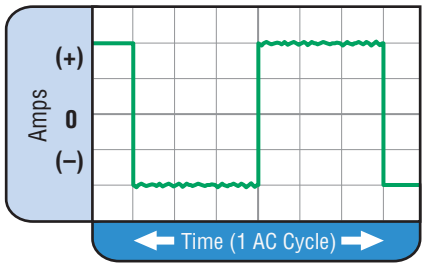
Feature	Waveform	Effect on Bead	Effect on Appearance
AC Balance Control Controls arc cleaning action. Adjusting the % EN of the AC wave controls the width of the etching zone surrounding the weld. *Note: Set the AC Balance control for adequate arc cleaning action at the sides and in front of the weld puddle. AC Balance should be fine tuned according to how heavy or thick the oxides are.*	51 – 99% EN 	Reduces balling action and helps maintain point Deep, narrow penetration 	Narrow bead, with no visible cleaning 
	30 – 50% EN 	Increases balling action of the electrode Shallow penetration 	Wider bead and cleaning action 
AC Frequency Control Controls the width of the arc cone. Increasing the AC Frequency provides a more focused arc with increased directional control. *Note: Decreasing the AC Frequency softens the arc and broadens the weld puddle for a wider weld bead.*	60 Cycles per Second 	Wider bead, good penetration — ideal for buildup work 	Wider bead and cleaning action 
	120 Cycles per Second 	Narrower bead for fillet welds and automated applications 	Narrower bead and cleaning action 
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 
		**More current in EP than EN:** Shallower penetration 	Wider bead and cleaning action 

AC Waveshape Controls (Continued)

AC Waveform Selection

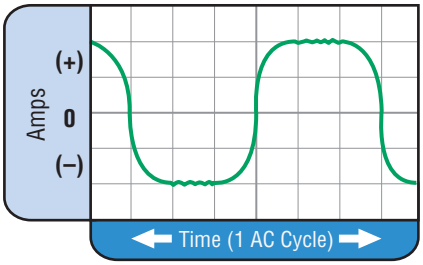
Select from four different AC waveforms to optimize the arc characteristic for your application. Choose from:

ADVANCED SQUAREWAVE



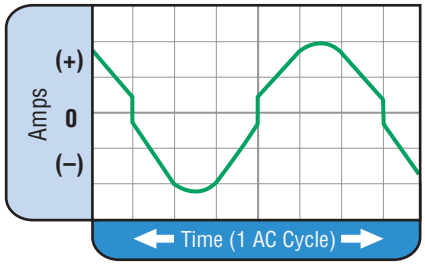
Fast transitions for responsive and dynamic arc.

SOFT SQUAREWAVE



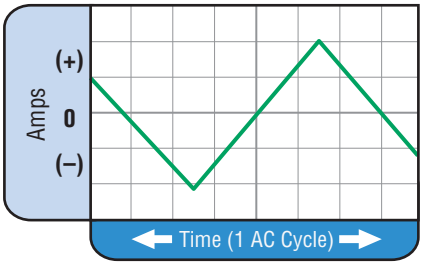
All the benefits of advanced square, fine tuned to provide a smooth, soft arc with maximum puddle control and good wetting action.

SINEWAVE



Square transitions eliminate the need for continuous HF, while the sinewave peaks soften the arc.

TRIANGULAR WAVE



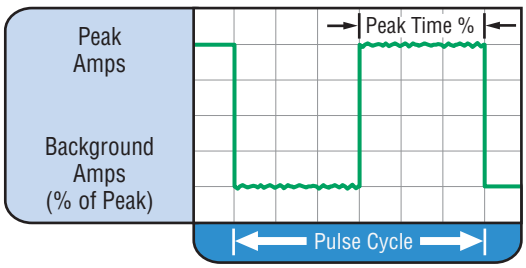
Unconventional wave provides the punch of the peak amperage, while reducing overall heat input. Quick puddle formation reduces weld time — limiting heat input and reducing weld distortion, especially on thin materials.

Pulse TIG Controls

High Speed DC TIG-Pulse Controls

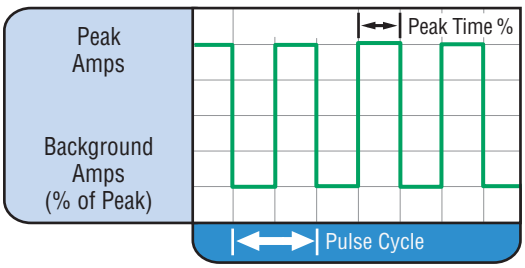
- **PPS Pulses per second (Hz):** DC = 0.1 – 5,000 PPS / AC = 0.1 – 500 PPS
- **% ON – % Peak Time:** 5 - 95% (Controls the amount of time during each pulse cycle at the PEAK amperage.)
- **Background Amps:** 5 – 99% (Sets the low-pulse amperage value as a % of the Peak Amps.)

CONVENTIONAL PULSED TIG



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.

HIGH SPEED PULSED TIG



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.

Packages and Torch Kits

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)

8 ft (2.4 m) primary cord, (2) international (Dinse 50) connectors, and CD-ROM Setup and Simulator.

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)

(2) thread lock weld cable connectors (#225 029), (1) water-cooled thread lock torch adapter (#225 028) for #18 or #20 torches, and CD-ROM Setup and Simulator.

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

TIGRunner® Packages

Dynasty 350 TIGRunner®
#907 204-01-1 (CSA)

Completely assembled.

Package includes:
- Dynasty® 350 (#907 204)
- RFCS-14 HD foot control
- 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®
#907 101-01-1 (CSA)

Completely assembled.

Package includes:
- Dynasty® 700 (#907 101)
- RFCS-14 HD foot control
- 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
#951 074 (CSA)

Completely assembled.

Package includes:
- Dynasty® TIGRunner® (#907 204-01-1)
- 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
- 12 ft (3.7 m) rubber 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
#951 075 (CSA)

Completely assembled.

Package includes:
- Dynasty® 700 TIGRunner (#907 101-01-1)
- 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
- 12 ft (3.7 m) rubber 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)

Genuine Miller Accessories

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
- 12 ft (3.7 m) rubber 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
- 12 ft (3.7 m) rubber 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
- 12 ft (3.7 m) rubber 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 the Dynasty® or Maxstar® 350 or 700 power sources and the 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.*

TIG Welding Gloves
#227 813 Small **#227 815** Large
#227 814 Medium **#227 816** X-Large
Made from soft grain goatskin. Sewn with Kevlar® thread. *Order from Miller Parts.*

Automation Interface Kit #195 516
Field Includes automation PC board, 28-pin socket receptacle with harness, 28-pin plug connector. Provides required and advanced automation controls.

Weld Current Sensor #300 179
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

CD-ROM #233 558
Simulator and setup video (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

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 #129 340
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.

Extension Cords for 14-Pin Remote Controls
#122 973 25 ft (7.6 m)
#122 974 50 ft (15.2 m)
#122 975 75 ft (23 m)

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®	**#907 204-01-1**	Auto-Line™ 208 – 575 VAC, 50/60 Hz, **CSA.** 8 ft primary cord. *Requires coolant*		
Dynasty® 350 Complete	**#951 074**	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®	**#907 101-01-1**	Auto-Line™ 208 – 575 VAC, 50/60 Hz, **CSA.** *Requires coolant*		
Dynasty® 700 Complete	**#951 075**	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		
Consumables and Tungsten		Distributor: See Miller Parts Catalog		
Gas Cylinder, Hose and Fittings				
Remote Controls				
RCCS-14	**#043 688**	North/south fingertip control		
RFCS-14 HD	**#194 744**	Heavy-duty foot control		
RHC-14	**#129 340**	Hand control		
RMLS-14	**#129 337**	Momentary/maintained rocker switch		
RMS-14	**#187 208**	Momentary rubber dome switch		
Extension Cords	**#122 973** **#122 974** **#122 975**	25 ft (7.6 m) 50 ft (15.2 m) 75 ft (22.9 m)		
Accessories				
Runner™ Cart	**#300 244**	See page 7		
Coolmate™ 3.5	**#300 245**	*Requires coolant*		
TIG Coolant	**#043 810**	Sold in multiples of 4. 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**	*Order at MillerWelds.com/resources/tools*		
CD-ROM	**#233 558**	Setup and simulator video (included with machine)		
Torch Adapters		*Supplied with power source and torch kits*		
Water-Cooled Dinse	**#195 377**	For Dynasty/Maxstar 350 Used to connect water-cooled torch to Dinse terminal machine. For WP20, WP18 and CS310 (adapter included in Complete Package) *Order from Miller Parts*		
Water-Cooled Thread Lock	**#225 028**	Used to connect water-cooled torch to Dynasty/Maxstar 700. *Order from Miller Parts*		
Cable Connectors		*Supplied with power source and torch kits*		
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. *Order from Miller Parts*		
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:

Miller®

Litho in USA