

Dynasty® 400 and 800 Models/Packages

Machines and Preconfigured Water-Cooled Packages

Order machine only or use a single stock number to order a complete preconfigured system.



907717 and 907719 models shown.



907717001 and 907719001 packages shown.



951695 package shown.

Machine Only		TIGRunner® Package (Machine/Cart/Cooler)		Complete Package (Machine/Cart/Cooler/Torch Kit/Remote)	
Dynasty 400 (CSA)	907717	Dynasty 400 (CSA)	907717001	Dynasty 400 (CSA) w/Foot Control, W-375	951694
Dynasty 400 (CE)	907717002			Dynasty 400 (CSA) w/Wireless Foot Control, W-375	951695
Dynasty 800 (CSA)	907719	Dynasty 800 (CSA)	907719001	Dynasty 800 (CSA) w/Foot Control	951696
Dynasty 800 (CE)	907719002			Dynasty 800 (CSA) w/Wireless Foot Control	951697
Comes with:		Comes with:		Comes with:	
<ul style="list-style-type: none"> 8 ft. power cord (no plug) (400 model) Quick reference guide Two 50-mm Dinse-style connectors (400 model) Two thread-lock connectors (800 model) One thread-lock water-cooled connector (800 model) 		<ul style="list-style-type: none"> 8 ft. power cord (no plug) (400 model) Quick reference guide Runner™ cart 300244 Coolmate™ 3.5 300245 Two thread-lock connectors (800 model) One thread-lock water-cooled connector (800 model) 		<ul style="list-style-type: none"> 8 ft. power cord (no plug) (400 model) Quick reference guide Runner™ cart 300244 Coolmate™ 3.5 300245 and 4 gallons of coolant 043810 W-375 torch kit 301268 (400 model) or W-400 (WP-18SC) torch kit 300186 (800 model) Remote control 194744 (foot) or Remote control 300429 (wireless foot) 	

Build a Water-Cooled Package

Select desired stock number for each step.



907717001 Dynasty 400 TIGRunner® shown with four bottles of 043810 low-conductivity coolant.



194744 remote shown.



301268 kit shown.

Step #1 • Select Dynasty TIGRunner® and Coolant		Step #2 • Select Remote Control		Step #3 • Select Torch Kit	
Dynasty 400 TIGRunner	907717001	Wireless Foot	300429	W-250 Kit	300185
Dynasty 800 TIGRunner	907719001	RFCS-14 HD Foot	194744	W-280 Kit	300990
	&	RCC-14 E/W Fingertip	151086	W-375 Kit	301268
Low-Conductivity Coolant	043810	RCCS-14 N/S Fingertip	043688	(recommended for 400 model)	
(must be ordered in quantities of four)		RMS-14 Pushbutton	187208	W-400 (WP-18SC) Kit	300186
		RMLS-14 Momentary/Maintained	129337	(recommended for 800 model)	
		RHC-14 Hand	242211020		
		Wireless Hand	300430		

Genuine Miller® Accessories

Water-Cooled Torch Kits

W-280 Torch Kit 300990

- Weldcraft™ W-280 25-foot (7.6 m) TIG torch with Dinse-style connector
- Torch cable cover
- Work clamp with 15-foot (4.6 m) 1/0 cable and Dinse-style connector
- Flowmeter regulator
- Gas hose (regulator to machine)
- AK4C torch accessory kit includes nozzles, collets, collet bodies and 2% ceriated tungsten electrodes (1/16, 3/32 and 1/8 inch)

W-375 Torch Kit 301268

Recommended for Dynasty 400

- Weldcraft™ W-375 25-foot (7.6 m) TIG torch with Dinse-style connector
- Torch cable cover
- Work clamp with 15-foot (4.6 m) 1/0 cable and Dinse-style connector
- Flowmeter regulator
- Gas hose (regulator to machine)
- AK4C torch accessory kit includes nozzles, collets, collet bodies and 2% ceriated tungsten electrodes (1/16, 3/32 and 1/8 inch)

W-400 (WP-18SC) Torch Kit 300186

Recommended for Dynasty 800

- Weldcraft™ W-400 (WP-18SC) 25-foot (7.6 m) TIG torch with thread-lock connector
- Torch cable cover
- Work clamp with 12-foot (3.7 m) 4/0 cable with thread-lock connector
- Flowmeter regulator
- Gas hose (regulator to machine)
- AK18C torch accessory kit includes nozzles, collets, collet bodies and 2% ceriated tungsten electrodes (3/32, 1/8 and 5/32 inch)

Genuine Miller® Accessories (Continued)



Water-Cooled TIG Torch Connector 195377
For Dynasty® and Maxstar® 400. 50 mm

Dinse-style with water return line. For use with all Weldcraft™ water-cooled torches.



Water-Cooled TIG Torch Connector 225028
For Dynasty and Maxstar 800. 50 mm thread-lock with water return line. For use with all Weldcraft™ water-cooled torches.



Runner™ Cart 300244
Designed to accommodate Dynasty or Maxstar 400 or 800 power sources and a Coolmate™ 3.5 cooler. Cart features single cylinder rack, foot pedal holder, three cable/torch holders, and two TIG electrode filler holders.



Coolmate™ 3.5 300245
Designed to integrate with the Dynasty and Maxstar 400 and 800

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

Low-Conductivity TIG Coolant 043810

Sold in multiples of four in one-gallon recyclable plastic bottles. Miller coolants contains a base of ethylene glycol and deionized water to protect against freezing to -37° Fahrenheit (-38°C) or boiling to 227° Fahrenheit (108°C).

Automation Interface Connection Kit 278161 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 300179 Field

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

Remote Controls and Switches



Wireless Remote Foot Control 300429
For remote current and contactor control. Receiver plugs directly into the 14-pin receptacle of Miller machine. 90-foot (27.4 m) operating range.



Wireless Remote Hand Control 300430
For remote current and contactor control. Receiver plugs directly into the 14-pin receptacle of Miller machine. 300-foot (91.4 m) operating range.



RCCS-14 Remote Contactor and Current Control 043688

North/south rotary-motion fingertip control attaches to TIG torch using two hook-and-loop fasteners. Includes 26.5-foot (8 m) cord and 14-pin plug.



RCC-14 Remote Contactor and Current Control 151086

East/west rotary-motion fingertip control attaches to TIG torch using two hook-and-loop fasteners. Includes 26.5-foot (8 m) cord and 14-pin plug.



RFCS-14 HD Foot Control 194744
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-foot (6 m) cord and 14-pin plug.



RHC-14 Hand Control 242211020
Miniature hand control for remote current and contactor control. Dimensions: 4 x 4 x 3.25 inches (102 x 102 x 83 mm). Includes 20-foot (6 m) cord and 14-pin plug.



RMLS-14 Switch 129337

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



RMS-14 On/Off Control 187208

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

Extension Cables for 14-Pin Remote Controls

- 242208025** 25 ft. (7.6 m)
- 242208050** 50 ft. (15.2 m)
- 242208080** 80 ft. (24.4 m)

TIG Welding Gloves



Performance TIG Gloves

- 263345** X-Small
 - 263346** Small
 - 263347** Medium
 - 263348** Large
 - 263349** X-Large
- Completely unlined, goat grain leather with triple-padded palm.

Memory Cards

Memory Card Expansion

301151 14-pin automation expansion
Provides the ability to access common automation functions through the 14-pin connection.

301152 14-pin Modbus® expansion
Provides the ability to access basic and advanced functions through the 14-pin connection.

Memory Card (Blank) 301080

A blank, commercially available memory card used for transferring software updates and expandable features from your computer to the machine.

Free software updates and feature expansions can be downloaded at MillerWelds.com/tigssoftware.

Educational Materials

To order, please call Miller Literature at 866-931-9732 or visit MillerWelds.com/resources/tools.

Gas Tungsten Arc Welding (TIG) Publication 250833

Tungsten

Tungsten	Amp Range	2% Ceriated (AC/DC)	2% Lanthanated (AC/DC)
1/16 in. (1.6 mm)	70–150 A	WC116X7	WL2116X7
3/32 in. (2.4 mm)	140–250 A	WC332X7	WL2332X7
1/8 in. (3.2 mm)	225–400 A	WC018X7	WL2018X7
5/32 in. (4.0 mm)	300–500 A	WC532X7	WL2532X7

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
Dynasty® 400	907717	Auto-Line™ 208–575 V, 50/60 Hz, CSA . 8 ft. power cord		
Dynasty® 400 International	907717002	Auto-Line™ 380–575 V, 50/60 Hz, CE . 8 ft. power cord		
Dynasty® 400 TIGRunner®	907717001	Auto-Line™ 208–575 V, 50/60 Hz, CSA . 8 ft. power cord. <i>Requires coolant</i>		
Dynasty® 400 Wireless Complete W-375	951695	Auto-Line™ 208–575 V, 50/60 Hz, CSA . 8 ft. power cord		
Dynasty® 400 Complete W-375	951694	Auto-Line™ 208–575 V, 50/60 Hz, CSA . 8 ft. power cord		
Dynasty® 800	907719	Auto-Line™ 208–575 V, 50/60 Hz, CSA		
Dynasty® 800 International	907719002	Auto-Line™ 380–575 V, 50/60 Hz, CE		
Dynasty® 800 TIGRunner®	907719001	Auto-Line™ 208–575 V, 50/60 Hz, CSA . <i>Requires coolant</i>		
Dynasty® 800 Complete with Wireless Remote Foot Control	951697	Auto-Line™ 208–575 V, 50/60 Hz, CSA		
Dynasty® 800 Complete with Foot Control	951696	Auto-Line™ 208–575 V, 50/60 Hz, CSA		
TIG Torches, Kits and Connectors				
Water-Cooled Torch Kits	300185 300990 301268 300186	W-250 (WP-20) W-280 (WP-280) W-375 (recommended for Dynasty 400) W-400 (WP-18SC) (recommended for Dynasty 800)		
Water-Cooled TIG Torch Connectors	195377 225028	Connects Weldcraft™ water-cooled torches to Dinse-style connector Connects Weldcraft™ water-cooled torches to Dynasty 800 (thread-lock connector included with 800 models)		
Weldcraft™ A-200 (WP-26) TIG Torch	WP-26-25-R	For Dynasty 400 only. 25 ft. (7.6 m) cable. Requires 195379 connector		
Tungsten		See page 7		
Remote Controls				
Wireless Remote Foot Control	300429	Foot control with wireless 90 ft. (27.4 m) operating range		
Wireless Remote Hand Control	300430	Hand control with wireless 300 ft. (91.4 m) operating rang		
RCCS-14	043688	North/south fingertip control		
RCC-14	151086	East/west fingertip control		
RFCS-14 HD	194744	Heavy-duty foot control		
RHC-14	242211020	Hand control		
RMLS-14	129337	Momentary/maintained rocker switch		
RMS-14	187208	Momentary rubber dome switch		
Extension Cables		See page 7		
Accessories				
Runner™ Cart	300244	See page 7		
Coolmate™ 3.5	300245	120 V, 50/60 Hz, CE . <i>Requires coolant</i>		
TIG Coolant (Must be ordered in quantities of four)	043810	1-gallon plastic bottle. Protects against freezing to -37° Fahrenheit (-38°C) or boiling to 227° Fahrenheit (108°C)		
Automation Interface Kit	278161	Field installation required. Provides 28-pin automation connections		
Weld Current Sensor	300179	Field installation required. Detects when work clamp is not connected		
Dinse-Style Connector 50 mm (1 male)	042418	Used to connect weld cable to Dinse terminal machine		
Thread-Lock Connectors (2 male)	225029	Used to connect weld cable to Dynasty 800 or Maxstar 800		
Dinse-Style Connector 50 mm (1 male, 1 female)	042419	Used to extend weld cables		
Dinse/Tweco® Adapter	042465	Male Dinse to female Tweco		
Dinse/Cam-Lok Adapter	042466	Male Dinse to female Cam-Lok		
TIG Welding Gloves		See page 7		
Memory Cards		See page 7		
Gas Tungsten Arc Welding (TIG) Publication	250833			

Date:

Total Quoted Price:

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