Maxstar® 280 Series

TIG/Stick Welding Power Source

### Quick Specs

<table>
<thead>
<tr>
<th>Industrial Applications</th>
<th>Processes</th>
<th>Input Power</th>
<th>Amperage Range</th>
<th>Rated Output</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precision fabrication</td>
<td>DC TIG (GTAW)</td>
<td>208–575 V, 3- or 1-phase power</td>
<td>1–280 A (DC)</td>
<td>200 A at 28 V, 60% duty cycle</td>
<td>47 lb. (21.3 kg)</td>
</tr>
<tr>
<td>Petro chemical</td>
<td>Pulsed TIG (GTAW-P)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aerospace</td>
<td>Stick (SMAW)</td>
<td></td>
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</tr>
<tr>
<td>Food/beverage industry</td>
<td>Air carbon arc (CAC-A)</td>
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<tr>
<td>Dairy</td>
<td></td>
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<tr>
<td>Shipboard</td>
<td></td>
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</tr>
</tbody>
</table>

### Update and expand

Front panel memory card data port provides the ability to easily update software and expand product features. Visit MillerWelds.com/TIGSoftware for the latest software updates and expansions.

### DC TIG Features

**Pulse.** Pulsing can increase puddle agitation, arc stability and travel speeds while reducing heat input and distortion. DX models provide extended ranges.

**Exceptionally smooth** and precise arc for welding exotic materials.

### DC Stick Features

**Dual schedule** allows operators to switch welding parameters for specific electrodes without readjusting the machine, minimizing downtime and enhancing quality. Base model only (not DX).

**DIG** control allows the arc characteristics to be changed for specific applications and electrodes. Lower the DIG setting for smooth running electrodes like E7018 and increase the DIG setting for stiffer, more penetrating electrodes like E6010.

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

**Stick-Stuck** detects if the electrode is stuck to the part and turns the welding output off to safely and easily remove the electrode. Menu selectable.

### Meter calibration

Allows digital meters to be calibrated for certification.

**Wind Tunnel Technology™** protects internal electrical components from airborne contaminates, 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.
**Performance Data**

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3-phase</td>
<td>280 A, 25%</td>
<td>280 A, 15%</td>
<td>0.004–3/8 in. (0.1–9.5 mm)</td>
<td>6010: 1/4 in. (6.4 mm)</td>
<td>3/16 in. (4.8 mm)</td>
<td>12.5 kW</td>
</tr>
<tr>
<td></td>
<td>235 A, 60%</td>
<td>200 A, 60%</td>
<td></td>
<td>7018: 7/32 in. (5.6 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>200 A, 100%</td>
<td>160 A, 100%</td>
<td></td>
<td>7024: 3/16 in. (4.8 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-phase*</td>
<td>280 A, 25%</td>
<td>280 A, 10%</td>
<td></td>
<td>6010: 1/4 in. (6.4 mm)</td>
<td>3/16 in. (4.8 mm)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>235 A, 60%</td>
<td>180 A, 60%</td>
<td></td>
<td>7018: 7/32 in. (5.6 mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>200 A, 100%</td>
<td>160 A, 100%</td>
<td></td>
<td>7024: 3/16 in. (4.8 mm)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Refer to owner’s manual for 208 V output ratings and duty cycle.

**Coolmate™ 1.3 Cooler**

- Maxstar® models with CPS turn Coolmate 1.3 on and off
- Power indicator light
- Fluid level sight window
- Rustproof polyethylene-molded coolant tank and filler spout
- 1/4 hp motor is thermally protected to guard against overheating
- Efficient fin and tube heat exchanger
- Factory-set pressure relief valve (55 psi) maintains consistent pressure during operation
- Filter and coolant filling spout are conveniently located
- Brass-body, positive displacement rotary vane pump provides consistent coolant flow and pressure rating with long pump-life expectancy

<table>
<thead>
<tr>
<th>Input Power</th>
<th>Maximum Current Draw</th>
<th>Maximum Cooling Capacity</th>
<th>Rated Cooling Capacity</th>
<th>Tank Capacity</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>115 V, 60 Hz</td>
<td>4.7 A (60 Hz)</td>
<td>3,400 W (11,600 Btu/hr.)</td>
<td>1,330 W (4,540 Btu/hr.)</td>
<td>1.3 gal. (4.9 L)</td>
<td>H: 11.25 in. (286 mm) W: 10.375 in. (264 mm) D: 24 in. (610 mm)</td>
<td>43 lb. (20 kg)</td>
</tr>
</tbody>
</table>

**Specifications** (Subject to change without notice.)

<table>
<thead>
<tr>
<th>Welding Mode</th>
<th>Input Power</th>
<th>Welding Amperage Range</th>
<th>Rated Output</th>
<th>Amps Input at Rated Load Output, 50/60 Hz</th>
<th>KVA</th>
<th>KW</th>
<th>Max. Open-Circuit Voltage</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIG (GTAW)</td>
<td>3-phase</td>
<td>1–280 A</td>
<td>235 A at 19.4 V, 60% duty cycle</td>
<td>17 15 9 7 6 6.2 6.0</td>
<td>60 VDC</td>
<td>(11 VDC**)</td>
<td>H: 13.6 in. (346 mm) W: 8.6 in. (219 mm) D: 22.5 in. (569 mm)</td>
<td>47 lb. (21.3 kg)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1-phase</td>
<td>1–280 A</td>
<td>235 A at 19.4 V, 60% duty cycle</td>
<td>28 26 15 13 10 6.0 6.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stick (SMAW)</td>
<td>3-phase</td>
<td>5–280 A</td>
<td>200 A at 28 V, 60% duty cycle</td>
<td>20 18 10 9 7 7.2 7.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1-phase</td>
<td>5–280 A</td>
<td>180 A at 27.2 V, 60% duty cycle*</td>
<td>30 27 15 13 10 6.2 6.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Refer to owner’s manual for 208 V output ratings and duty cycle.

**Rated Output**

- 235 A at 19.4 V, 60% duty cycle
- 200 A at 28 V, 60% duty cycle
- 180 A at 27.2 V, 60% duty cycle*

**Rated Coolant Flow and Pressure**

- 3.8 qt./min. (3.6 L/min.)
- 1.1 qt./min. (1 L/min.)

**Rated Tank Capacity**

- 1.3 gal. (4.9 L)

**Dimensions**

- H: 13.6 in. (346 mm)
- W: 8.6 in. (219 mm)
- D: 22.5 in. (569 mm)

**Net Weight**

- 47 lb. (21.3 kg)
- 50 lb. (22.7 kg) with CPS

**Specifications (Subject to change without notice.)

- Input Power**
  - 3-phase
  - 1-phase

**Stick (SMAW)**

- 200 A at 28 V, 60% duty cycle
- 180 A at 27.2 V, 60% duty cycle*

**DC TIG Material Thickness Range**

- 0.004–3/8 in. (0.1–9.5 mm)

**Stick Electrode Maximum Diameter**

- 6010: 1/4 in. (6.4 mm)
- 7018: 7/32 in. (5.6 mm)
- 7024: 3/16 in. (4.8 mm)

**Carbon Arc Gouging (CAC-A) Maximum**

- 3/16 in. (4.8 mm)

**Generator Requirement**

- 12.5 kW

**Rated Cooling Capacity**

- 1,330 W (4,540 Btu/hr.)

**Maximum Cooling Capacity**

- 3,400 W (11,600 Btu/hr.)
Weldcraft® W-280 (WP-280) TIG Torch

- Two-piece torch head and exclusive Super Cool™ Technology provides additional surface area to increase cooling efficiency and capacity
- Torch body includes an anti-rotation feature and multi-position locking to prevent handle movement during welding and improve operator control
- Secure mechanical fittings and connections minimize leakage

<table>
<thead>
<tr>
<th>Cooling Method</th>
<th>AC Rating</th>
<th>DC Rating</th>
<th>Consumables</th>
<th>Electrode Range</th>
<th>Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water-cooled</td>
<td>195 A, 100% duty cycle</td>
<td>280 A, 100% duty cycle</td>
<td>13N</td>
<td>.020–1/8 in. (0.5–3.2 mm)</td>
<td>Three-piece</td>
</tr>
</tbody>
</table>

**TIG Upgrade Chart**

<table>
<thead>
<tr>
<th>Why Upgrade?</th>
<th>Syncrowave 250</th>
<th><strong>UPGRADE</strong> Maxstar 280</th>
<th><strong>UPGRADE</strong> Maxstar 280 DX</th>
<th>Maxstar 280 Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness Capacity</td>
<td>.012–3/8 in. steel</td>
<td>.004–3/8 in. steel</td>
<td></td>
<td>The Maxstar 280 has a lower bottom end and can weld thinner metals.</td>
</tr>
<tr>
<td>Duty Cycle</td>
<td>200 A, 60%</td>
<td>235 A, 60%</td>
<td></td>
<td>Weld longer at higher amperages. At 200 A the Maxstar 280 can weld continuously.</td>
</tr>
<tr>
<td>Arc Starting</td>
<td>HF and Lift-Arc™</td>
<td>Blue Lightning™ HF and Lift-Arc™</td>
<td></td>
<td>Blue Lightning arc starting is tailored for each tungsten size to produce perfect starts.</td>
</tr>
<tr>
<td>Precision Controls</td>
<td>Digital and dial %</td>
<td>All digital</td>
<td></td>
<td>Precise adjustments can be made with all-digital controls for greater quality control and repeatability.</td>
</tr>
<tr>
<td>Confusion on Where to Set the Controls?</td>
<td>Trial and error</td>
<td>Pro-Set™ eliminates the guesswork when setting weld parameters.</td>
<td>Select the feature and adjust until Pro-Set appears in display. Pro-Set is available for Pulse and DIG parameters.</td>
<td></td>
</tr>
<tr>
<td>Pulser</td>
<td>Optional field kit</td>
<td>Easy pulse with Pro-Set, .01–250 PPS</td>
<td>Full featured with Pro-Set, .01–500 PPS</td>
<td>Higher speed pulse provides better arc control and faster travel speeds.</td>
</tr>
<tr>
<td>Portability</td>
<td>378 lb. (172 kg)</td>
<td>47 lb. (21.3 kg)</td>
<td></td>
<td>Easier to move because of size and weight. Don’t have to wait for a crane operator.</td>
</tr>
<tr>
<td>Power Flexibility</td>
<td>Manual link, 208/230/460 V 1-phase only</td>
<td>Auto-Line™, 208–575 V 1-phase or 3-phase</td>
<td>Auto-Line allows the unit to operate on any voltage. 1- or 3-phase. Even generators!</td>
<td></td>
</tr>
</tbody>
</table>
Maxstar® 280 Control Panel

1. Standby Switch
2. Voltmeter Display
3. Ammeter Display
4. Output Contactor “On” Indicator
5. DC TIG (HF Start) Process Menu Parameters
   - Amperage: 1–280 A**
   - Pulse*: Off–250 PPS
   - Postflow: Auto/Off–50 seconds
6. DC Stick (Schedule 1) Process Menu Parameters
   - Amperage: 5–280 A
   - DIG*: Off–100%
7. Memory Card Port
8. Activity Indicator
9. Encoder Control
10. Menu Ranges
11. DC TIG (Lift-Arc) Process Menu Parameters
   - Amperage: 1–280 A**
   - Pulse*: Off–250 PPS
   - Postflow: Auto/Off–50 seconds
12. DC Stick (Schedule 2) Process Menu Parameters
   - Amperage: 5–280 A
   - DIG*: Off–100%
13. Process Selector

*Pro-Set parameter selectable. **Amperage range is tungsten size dependent.

User Menu (Hold Menu button three seconds.)

DC TIG (HF Start)
1. Tungsten Size = .020–1/8 in. or .05–3.2 mm
2. Remote Trigger = STD/HOLD/OUTPUT ON

DC TIG (Lift-Arc)
1. Tungsten Size = .020–1/8 in. or .05–3.2 mm
2. Remote Trigger = STD/HOLD/OUTPUT ON

DC Stick (Schedule 1 and 2)
1. Hot Start = ON/OFF
2. Remote Trigger = OUTPUT ON/HOLD/STD

Tech Menu (Hold Menu button five seconds.)

1. Arc Time 0.0–9,999 hours
   0.0–59 minutes
   0–999,999 cycles
   Resetable
2. Error Log = Error event recorder
3. Sleep Timer = 1/5/10/15/30/45MIN/1HR
4. Stick Stuc = OFF
5. OCV = LOW/NORM
6. Cooler Power = AUTO/OFF (only on Maxstar models with CPS)
7. Machine Reset
8. Software Number
9. Serial Number
Maxstar® 280 DX Control Panel

1. Standby Switch
2. Voltmeter Display
3. Ammeter Display
4. Process/ Arc Starting
   TIG: HF impulse, Lift-Arc
   Stick: Adaptive Hot Start
5. Output Control
   Standard remote,
   2T trigger hold,
   Output on
6. Pulser Control
   Pulses per Second* DC: 0.1–500 PPS
   Peak Time* 5–95%
   Background Amps* 5–95%

User Menu (Press Gas and Amperage buttons.)
1. Tungsten Size = .020–1/8 in./GEN or .05–3.2 mm
2. Remote Trigger = 3T/4T/4TL/4TE/4Tm
3. Stick Hot Start = ON/OFF

Tech Menu (Hold Gas and Amperage buttons five seconds.)
1. Arc Time 0.0–9,999 hours
   0.0–59 minutes
   0–999,999 cycles
   Retesttable
2. Error Log = Error event recorder
3. Sleep Timer = 1/5/10/15/30/45MIN/1HR
4. Stick Stuc = OFF/ON
5. OCV = LOW/NORM
6. Weld Timers = OFF/ON
7. Cooler Power = AUTO/ON/OFF (only on Maxstar models with CPS )
8. Locks = OFF/1–4
9. Meter Display
10. External Pulse Control = OFF/ON
11. Machine Reset
12. Software Number
13. Serial Number
## Maxstar® 280 Models/Packages

### Build an Air-Cooled Package

Select desired stock number for each step.

<table>
<thead>
<tr>
<th>Step #1 • Select Maxstar</th>
<th>Step #2 • Select Contractor Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maxstar 280</td>
<td>Note: For models without the Cooler Power Supply (CPS), the Coolmate 1.3 must be powered through an external 120-volt facility power.</td>
</tr>
<tr>
<td>Maxstar 280 with CPS</td>
<td>Foot Control Contractor Kit 301309</td>
</tr>
<tr>
<td>Maxstar 280 DX</td>
<td>Fingertip Control Contractor Kit 301311</td>
</tr>
<tr>
<td>Maxstar 280 DX with CPS</td>
<td></td>
</tr>
</tbody>
</table>

Maxstar comes with adjustable shoulder strap, 8 ft. power cord (no plug) and two 50 mm Dinse-style connectors.  

See page 7 for kit contents.

### Build a Water-Cooled Package

Select desired stock number for each step.

<table>
<thead>
<tr>
<th>Step #1 • Select Maxstar TIGRunner® and Coolant</th>
<th>Step #2 • Select Remote Control</th>
<th>Step #3 • Select Torch Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maxstar 280 (with CPS) TIGRunner®</td>
<td>Wireless Foot 300429</td>
<td>W-250 Kit 300185</td>
</tr>
<tr>
<td>Maxstar 280 DX (with CPS) TIGRunner®</td>
<td>RFCS-14 HD Foot 194744</td>
<td>W-280 Kit 300990</td>
</tr>
<tr>
<td>Low-Conductivity Coolant (must be ordered in quantities of 4)</td>
<td>RCC-14 E/W Fingertip 151086</td>
<td>(recommended for 280 model)</td>
</tr>
<tr>
<td></td>
<td>RCS-14 N/S Fingertip 043688</td>
<td>W-375 Kit 301268</td>
</tr>
<tr>
<td></td>
<td>RMS-14 Pushbutton 18208</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RMLS-14 Momentary/Maintained 129337</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RHC-14 Hand 242211020</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wireless Hand 300430</td>
<td></td>
</tr>
</tbody>
</table>

Maxstar TIGRunner comes with 8 ft. power cord (no plug), Coolmate® 1.3 and Small Runner™ cart.  

See page 7 for remote descriptions. 

See page 7 for kit contents.
Genuine Miller® Accessories

### Protective Cover
301382
Fits Dynasty 210/280 and Maxstar 280.

### Small Runner™ Cart
301318
Designed for Dynasty/Maxstar 210 and 280 with or without a Coolmate 1.3 cooler. Cart features single cylinder rack, foot pedal holder, two cable/torch holders, and two TIG filler holders.

### Coolmate® 1.3
300972 120 V
1.3-gallon cooler designed to cool torches up to 280 amps.

### 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 Card (Blank)
301080
A blank, commercially available memory card used for transferring software updates and expandable features from your computer to the machine.

### 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.

### TIG Torches, Kits and Connectors

#### Contractor Kits
301309 150 A RFCS-14 HD Foot Pedal Kit
301311 150 A RCCS-14 Fingertip Kit
All-in-one TIG/stick welding kit comes with either a RFCS-14 HD foot control OR RCCS-14 fingertip control, Weldcraft® A-150 TIG torch, 200-amp stick electrode holder with 15-foot (4.6 m) cable, 300-amp work clamp with 15-foot (4.6 m) cable, flow gauge regulator with 12-foot (3.7 m) gas hose, gas hose coupler, AK2C torch accessory kit and TIG torch connector.

#### Weldcraft® A-200 (WP-26) TIG Torch
WP-26-12-R (12 ft.)
WP-26-25-R (25 ft.)
200-amp air-cooled torch. Torch body gas valve models also available.

Note: A-200 (WP-26) torches require 195379 connector.

#### Air-Cooled TIG Torch Connectors
195379 A-200 (WP-26) 195378* All others
50 mm Dinse-style for one-piece air-cooled torch. *A-80 (WP-24) torches require 24-5 connector.

#### Water-Cooled Torch Kits
300185 W-250
300990 W-280 (recommended)
301268 W-375
Kit comes with Weldcraft® 25-foot (7.6 m) TIG torch with Dinse-style connector, torch cable cover, work clamp with 15-foot (4.6 m) cable, flowmeter regulator with gas hose and torch accessory kit (1/16-, 3/32- and 1/8-inch 2% ceriated tungsten, nozzles, collets and collet bodies).

#### Water-Cooled TIG Torch Connector
195377 50 mm Dinse-style with water return line. For use with all Weldcraft™ water-cooled torches.

### 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
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.

#### 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.

### 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
Video topics include tungsten selection, setup menus, DC pulse, sequencer, balance and frequency settings.

#### Setup DVD
251116

### Tungsten

<table>
<thead>
<tr>
<th>Tungsten</th>
<th>Amp Range</th>
<th>2% Ceriated (AC/DC)</th>
<th>2% Lanthanated (AC/DC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/16 in. (1.6 mm)</td>
<td>70–150 A</td>
<td>WC116X7</td>
<td>WL2116X7</td>
</tr>
<tr>
<td>3/32 in. (2.4 mm)</td>
<td>140–250 A</td>
<td>WC332X7</td>
<td>WL2332X7</td>
</tr>
<tr>
<td>1/8 in. (3.2 mm)</td>
<td>225–400 A</td>
<td>WC018X7</td>
<td>WL2018X7</td>
</tr>
<tr>
<td>5/32 in. (4.0 mm)</td>
<td>300–500 A</td>
<td>WC532X7</td>
<td>WL2532X7</td>
</tr>
</tbody>
</table>
## Equipment and Options

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>907552</td>
<td>Maxstar® 280 Auto-Line™ 208–575 V, 50/60 Hz, CSA. 8 ft. power cord</td>
<td></td>
<td></td>
</tr>
<tr>
<td>907538</td>
<td>Maxstar® 280 with CPS Auto-Line™ 208–575 V, 50/60 Hz, CSA. 8 ft. power cord</td>
<td></td>
<td></td>
</tr>
<tr>
<td>907533</td>
<td>Maxstar® 280 DX Auto-Line™ 208–575 V, 50/60 Hz, CSA. 8 ft. power cord</td>
<td></td>
<td></td>
</tr>
<tr>
<td>907539</td>
<td>Maxstar® 280 DX with CPS Auto-Line™ 208–575 V, 50/60 Hz, CSA. 8 ft. power cord</td>
<td></td>
<td></td>
</tr>
<tr>
<td>907539002</td>
<td>Maxstar® 280 DX with CPS International Auto-Line™ 208–575 V, 50/60 Hz, CE. 8 ft. power cord</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Water-Cooled Packages

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>907538002</td>
<td>Maxstar® 280 (with CPS) TIGRunner® Auto-Line™ 208–575 V, 50/60 Hz, CSA. 8 ft. power cord (Torch kit, accessories and coolant sold separately.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>907539001</td>
<td>Maxstar® 280 DX (with CPS) TIGRunner® Auto-Line™ 208–575 V, 50/60 Hz, CSA. 8 ft. power cord (Torch kit, accessories and coolant sold separately.)</td>
<td></td>
<td></td>
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### Accessories

<table>
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<tr>
<th>Description</th>
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<td>Protective Cover</td>
<td>301382</td>
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<tr>
<td>Small Runner™ Cart</td>
<td>301318</td>
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<td>Coolmate™ 1.3</td>
<td>300972</td>
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<td>TIG Coolant (Must be ordered in quantities of 4)</td>
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<td>TIG Gloves</td>
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<td>Memory Card (Blank)</td>
<td>301080</td>
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<td>Memory Card Expansion</td>
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<td>Memory Card Expansion</td>
<td>301152</td>
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</table>

### TIG Torches, Kits and Connectors

- **Air-Cooled Contractor Kits**
  - Foot pedal: 301109, 301311
- **Weldcraft® A-150 (WP-17) TIG Torch**
  - WP-17-12-R: 12 ft. (3.7 m) cable. Requires 195378 connector
  - WP-17-25-R: 25 ft. (7.6 m) cable. Requires 195378 connector
- **Weldcraft® A-200 (WP-26) TIG Torch**
  - WP-26-12-R: 12 ft. (3.7 m) cable. Requires 195379 connector
  - WP-26-25-R: 25 ft. (7.6 m) cable. Requires 195379 connector
- **Air-Cooled TIG Torch Connectors**
  - 195379: Connects Weldcraft® A-200 (WP-26) torch to Dinse-style connector
  - 195378: Connects all air-cooled Weldcraft® torches (except A-200) to Dinse-style connector. A-80 (WP-24) torches require 24-5 connector
- **Water-Cooled Torch Kits**
  - W-250: 300185
  - W-280 (recommended for Maxstar 280): 300990
  - W-375: 301268
- **Water-Cooled TIG Torch Connector**
  - 195377: Connects Weldcraft® water-cooled torches to Dinse-style connector
- **Tungsten**
  - See page 7

### Remote Controls

- **Wireless Remote Foot Control**
  - 300429: Foot control with wireless 90 ft. (27.4 m) operating range
- **RFCS-14 HD**
  - 194744: Heavy-duty foot control
- **RCC-14**
  - 151086: Side-to-side (east/west) fingertip control
- **RCCS-14**
  - 043688: North/south fingertip control
- **RMS-14**
  - 187208: Momentary rubber dome switch
- **RMLS-14**
  - 129337: Momentary/maintained rocker switch
- **RHC-14**
  - 242211020: Hand control
- **Wireless Remote Hand Control**
  - 300430: Hand control with wireless 300 ft. (91.4 m) operating range

### Educational Materials

- **Gas Tungsten Arc Welding (TIG) Publication**
  - 250833
- **Setup DVD**
  - 251116

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**Ordering Information**