Dynasty® 200 Series

Industrial Applications
- Precision Fabrication
- Petro/Chemical
- Aerospace
- Food/Beverage Industry
- Dairy
- Shipboard

Processes
- TIG (GTAW)
- Pulsed TIG (GTAW-P)
- Stick (SMAW)
- Air Carbon Arc (CAC-A)
- 5/32-inch maximum

Input Power
- 115–460 V, 3- or 1-Phase Power

Amperage Range
- 1 – 200 A

Rated Output
- 200 A at 28 V, 20% Duty Cycle

Weight
- 45 lb. (20.5 kg)

AC TIG Features
- 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 (20–250 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.

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.

Dynasty 200 DX
Complete Package with Wireless Foot Control

Miller recommends MXAL aluminum filler.

Dynasty 200 SD

AC/DC Technology
Allows for any input voltage hookup (115–460 V) with no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable power.

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

Lift-Arc™ starting provides x-ray clean welds in AC or DC starting without the use of high frequency.

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.

Power source is warranted for 3 years, parts and labor. Original main power rectifier parts are warranted for 5 years. Coolant system is warranted for 1 year, parts and labor.

Miller Electric Mfg. Co.
An ITW Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

Equipment Sales US and Canada
Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

MillerWelds.com

Weldfabulous.com

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MillerWelds.com
Specifications (Subject to change without notice.)

<table>
<thead>
<tr>
<th>Welding Mode</th>
<th>Welding Amperage Range</th>
<th>Max. Open-Circuit Voltage</th>
<th>Input Power</th>
<th>Rated Output</th>
<th>Amps Input at Rated Load Output, 50/60 Hz</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIG (GTAW)</td>
<td>AC 5–150 A DC 1–150 A (115 VAC)</td>
<td>80 VDC 5–10 VDC**</td>
<td>3-Phase</td>
<td>200 A at 18 V, 20% Duty Cycle</td>
<td>— 13.7 8.7 6.9 5.5 5.2</td>
<td>H: 13.5 in. (343 mm) W: 7.5 in. (191 mm) D: 17.5 in. (445 mm)</td>
<td>45 lb. (20.5 kg)</td>
</tr>
<tr>
<td></td>
<td>AC 5–200 A DC 1–200 A (200–460 VAC)</td>
<td>1-Phase</td>
<td>150 A at 16 V, 60% Duty Cycle</td>
<td>— 15.8 — 7.9 3.6 3.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>140 A at 15.6 V, 40% Duty Cycle</td>
<td>— 31.0 — — — 3.6 3.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 A at 14 V, 100% Duty Cycle</td>
<td>— 20.7 — — — 2.3 2.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stick (SMAW)</td>
<td>AC 5–105 A DC 1–105 A (115 VAC)</td>
<td>80 VDC 5–10 VDC**</td>
<td>3-Phase</td>
<td>200 A at 28 V, 20% Duty Cycle</td>
<td>— 20.8 13.0 10.2 8.1 7.8</td>
<td>H: 46.25 in. (1175 mm) W: 23.5 in. (597 mm) D: 22.25 in. (565 mm)</td>
<td>77 lb. (34.9 kg)</td>
</tr>
<tr>
<td></td>
<td>AC 5–200 A DC 1–200 A (200–460 VAC)</td>
<td>1-Phase</td>
<td>130 A at 25.2 V, 60% Duty Cycle</td>
<td>— 12.3 7.6 6.0 4.8 4.6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>130 A at 25.2 V, 60% Duty Cycle</td>
<td>— 20.0 — 10.0 4.7 4.7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 A at 24 V, 60% Duty Cycle</td>
<td>— 31.3 — — — 3.6 3.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>90 A at 23.6 V, 100% Duty Cycle</td>
<td>— 27.6 — — — 3.2 3.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* While idling. ** Sense voltage for Stick and Lift-Arc® TIG. Note: Duty cycle limitations on units with 115 V input power are due to the input power cord supplied with the unit.

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.

Performance Data

### DUTY CYCLE

<table>
<thead>
<tr>
<th>110–120 V INPUT VOLTAGE</th>
<th>200–460 V INPUT VOLTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>TIG</td>
</tr>
<tr>
<td>30%</td>
<td>150 A</td>
</tr>
<tr>
<td>40%</td>
<td>140 A</td>
</tr>
<tr>
<td>60%</td>
<td>120 A</td>
</tr>
<tr>
<td>100%</td>
<td>100 A</td>
</tr>
<tr>
<td>100%</td>
<td>120 A</td>
</tr>
</tbody>
</table>
Control Panel Parameter Values

1. Voltmeter Display
2. Ammeter Display
3. Polarity
   - AC/DC
   - Arc Starting
   - STICK: Adaptive Hot Start
5. Output Control
   - Standard Remote,
   - 2T Trigger Hold,
   - Output ON
6. Encoder Control
7. Amperage Control
8. AC Waveshape
   - Balance
     - 30 – 99%
   - AC Frequency
     - 20 – 250 Hz
9. Gas/DIG Preflow
   - Postflow
     - 0 – 50 seconds
   - DIG
     - 0 – 100%

Advanced Features on the Dynasty DX only:

10. Sequencer Control
    - Initial Amps
      - AC: 5 – 200 A
      - DC: 1 – 200 A
    - Initial Slope
      - 0.0 – 25.0 seconds
    - Final Slope
      - 0.0 – 25.0 seconds
    - Final Amps
      - AC: 5 – 200 A
      - DC: 1 – 200 A

11. Pulser Control
    - Pulses per Second
      - DC: 0.1 – 500 PPS
      - AC: 0.1 – 500 PPS
    - Peak Time
      - 5 – 95%
    - Background Amps
      - 5 – 95%

Additional Setup Parameter Values

Preprogrammed Starts

- .020 – 1/8 in tungsten

Programmable Starts

- Amperage
  - AC: 5 – 200 A
  - DC: 1 – 200 A
- Time
  - 1 – 200 milliseconds
- Ramp Time
  - 1 – 250 milliseconds
- Minimum Amperage
  - 1 – 20 A
- Polarity
  - EP, EN

Additional Triggers

- 3T, 4T, Mini Logic,
- 4T Momentary

Waveshapes

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

Spot/Timer

- 0.1 – 25.0 seconds

OCV

- Low OCV, Normal OCV

Stick Stuck Check

- On/Off

Lockouts

- Four levels

Arc Timer

- 0.0 – 9999 hours
- and 0 – 59 minutes

Cycle Counter

- 0 – 999,999 cycles
### TIG Upgrade Chart

#### Which Machine is Right for You?

<table>
<thead>
<tr>
<th>Why Upgrade?</th>
<th>Syncrowave 200</th>
<th>Dynasty 200</th>
<th>Dynasty 200 Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Thickness Capacity</td>
<td>1/4-in. Aluminum</td>
<td>1/4-in. Aluminum</td>
<td>Same material thickness capacity.</td>
</tr>
<tr>
<td>High Frequency Arc Starting</td>
<td>Continuous HF</td>
<td>Start Only</td>
<td>Start Only limits HF interference issues.</td>
</tr>
<tr>
<td>Frequency Control AC Output Control</td>
<td>Upgrade</td>
<td>Variable 20–250 Hz</td>
<td>Higher frequencies provide better arc control and faster travel speeds.</td>
</tr>
<tr>
<td>AC Waveforms</td>
<td>Upgrade</td>
<td>Advanced Squarewave</td>
<td>Advanced Squarewave = Travel faster</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Soft Squarewave</td>
<td>Soft Squarewave = Maximum puddle control</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sine Wave</td>
<td>Sine Wave = Traditional characteristics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Triangular Wave</td>
<td>Triangular Wave = Reduced heat input</td>
</tr>
<tr>
<td>Weld Aluminum with Pointed Tungsten</td>
<td>Upgrade</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>Portability</td>
<td>238 lb.</td>
<td>45 lb.</td>
<td>Easier to move because of size and weight. Auto-Line™ allows the unit to operate on any voltage. Single- or three-phase. Even generators!</td>
</tr>
<tr>
<td></td>
<td>Auto-Line™</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Draw at 150 Amps</td>
<td>54 A at 230 V</td>
<td>15.8 A at 230 V</td>
<td>Power requirement to operate is much less. Smaller electrical service needed, smaller breaker/fuses and power cord.</td>
</tr>
<tr>
<td></td>
<td>Single-Phase</td>
<td>Single-Phase</td>
<td></td>
</tr>
</tbody>
</table>

### Pulse TIG Controls

#### High Speed DC TIG-Pulse Controls

- **PPS Pulses per second (Hz):** DC = 0.1 – 500 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).
## AC Waveshape Controls

### 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.*

<table>
<thead>
<tr>
<th>Feature</th>
<th>Waveform</th>
<th>Effect on Bead</th>
<th>Effect on Appearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Balance Control</td>
<td>51 – 99% EN</td>
<td>Reduces balling action and helps maintain point</td>
<td>Narrow bead, with no visible cleaning</td>
</tr>
<tr>
<td></td>
<td>30 – 50% EN</td>
<td>Increases balling action of the electrode</td>
<td>Wider bead and cleaning action</td>
</tr>
</tbody>
</table>

### 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.*

<table>
<thead>
<tr>
<th>Feature</th>
<th>Waveform</th>
<th>Effect on Bead</th>
<th>Effect on Appearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Frequency Control</td>
<td>60 Cycles per Second</td>
<td>Wider bead, good penetration — ideal for buildup work</td>
<td>Wider bead and cleaning action</td>
</tr>
<tr>
<td></td>
<td>120 Cycles per Second</td>
<td>Narrower bead for fillet welds and automated applications</td>
<td>Narrower bead and cleaning action</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Waveform</th>
<th>Effect on Bead</th>
<th>Effect on Appearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADVANCED SQUAREWAVE</td>
<td>Fast transitions for responsive and dynamic arc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOFT SQUAREWAVE</td>
<td>All the benefits of advanced square, fine tuned to provide a smooth, soft arc with maximum puddle control and good wetting action.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SINEWAVE</td>
<td>Square transitions eliminate the need for continuous HF, while the sinewave peaks soften the arc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRIANGULAR WAVE</td>
<td>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.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Dynasty® 200 Power Sources

- **Dynasty 200 SD** #907 099 (CSA)
- **Dynasty 200 DX** #907 099-01-1 (CSA)
- **Dynasty 200 DX** #907 356 (CE)

Includes:
- Adjustable shoulder strap
- 8-ft. (2.4 m) primary power cord
- Two Dinse 50 connectors
- DVD Setup Video (#251 116)
- One air-cooled TIG torch adapter (#195 378)

**Note:** See page 7 for recommended Contractor Torch Kit.

Dynasty® 200 DX Contractor Kit Packages (Air Cooled)

- **Dynasty 200 DX with Contractor Kit**
  - #951 174 (CSA) w/Foot Control
  - #951 175 (CSA) w/Fingertip Control

Packages include:
- Dynasty 200 DX (#903 099-01-1)
- RFCS-14 HD foot control (#194 744) or RCCS-14 fingertip control (#043 688)
- Protective carrying case for accessories
- Weldcraft® 25-ft. (7.6 m) WP17 TIG torch with adapter
- Flow gauge regulator with gas hose
- AK2C accessory with short back cap, collets, collet bodies, aluminum nozzles, and 2% ceriated tungsten electrodes (.040, 1/16, and 3/32 in.)
- 200-amp Stick electrode holder with 15-ft. (4.6 m) #4 cable
- Work clamp with 15-ft. (4.6 m) #4 cable
- One air-cooled TIG torch adapter (#195 378)

TIGRunner® Package (Water Cooled)

- **Dynasty 200 DX TIGRunner**
  - #907 099-02-1 (CSA)

*Completely assembled.*

Package includes:
- Dynasty 200 DX (#907 099-01-1)
- Coolmate™ 1, 115 VAC (#300 360)
- One gallon of pre-mixed, low-conductivity coolant (#043 810)
- 2-Wheel Trolley Cart (#300 480) with the following features: easy-to-maneuver single-cylinder cart with cable and torch holders. Easy to release and remove welder from cart for even more portability. Convenient tray for consumable storage and filler rod holders.

**Notes:**
- TIG Torch Adapter must be ordered separately.
- See page 7 for recommended 250 A Water-Cooled Torch Kit (#300 185).
- The Coolmate 1 requires a separate source for electricity. The Dynasty 200 does not contain auxiliary power.

Complete Packages (Water Cooled)

- **Dynasty 200 DX Complete**
  - #951 397 (CSA) w/Wireless Foot Control
  - #951 139 (CSA) w/Foot Control
  - #951 140 (CSA) w/Fingertip Control

*Completely assembled.*

Package includes:
- Dynasty 200 DX (#907 099-01-1)
- Coolmate™ 1, 115 VAC (#300 360)
- One gallon of pre-mixed, low-conductivity coolant (#043 810)
- Wireless Remote Foot Control (#300 429) or RFCS-14 HD foot control (#194 744) or RCCS-14 fingertip control (#043 688)
- 2-Wheel Trolley Cart (#300 480) with the following features: easy-to-maneuver single-cylinder cart with cable and torch holders. Easy to release and remove welder from cart for even more portability. Convenient tray for consumable storage and filler rod holders.

- 250 A Water-Cooled Torch Kit and Accessories (#300 185) See page 7 for more details.

**Note:** The Coolmate 1 requires a separate source for electricity. The Dynasty 200 does not contain auxiliary power.
Genuine Miller Accessories

2-Wheel Trolley Cart
#300 480
Easy-to-maneuver two-wheel cart features single-cylinder rack, chain for cylinder, straps (quick and easy to detach and carry machine), cable holders, torch holder, storage area, and filler rod storage area. Works with Dynasty® or Maxstar® 200 and Coolmate® 1.

Contact your local distributor for filler material holders.

Universal Carrying Cart and Cylinder Rack
#042 934
Holds power source, and gas cylinder up to 56 inches (142 cm) high and 6 to 9 inches (15 to 23 cm) in diameter. 115 VAC 60 Hz. One-gallon water cooler designed for 200 A portable welders. Features include fin-and-tube heat exchanger, back-lit power switch, external filter, polyethylene tank and coolant level sight gauge.

Low-Conductivity TIG Coolant
#043 810
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).

250 A Water-Cooled Torch Kit
#300 185
- 25-foot (7.6 m) Weldcraft® WP2025RM torch
- Torch cable cover
- AK4C torch accessory kit includes shielding cups, collets, collet bodies and 2% ceriated tungsten electrodes (1/16, 3/32 and 1/8 inch)
- Regulator/flowmeter HM2051A-580
- Gas hose (regulator to machine)
- Water-cooled Dinse torch adapter
- 15-foot (4.6 m) 1/0 weld lead with clamp (work or ground lead) and Dinse connector

Water-Cooled Dinse
#195 377
200 Amp Air-Cooled Torch
#WP2612RM (12 ft.)
#WP2625RM (25 ft.)
200 Amp Air-Cooled Torch
#WP17, WP9, WP50, WP23
#195 379 WP26

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-foot (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-foot (91.4 m) operating range.

Contractor Kits
#195 054
Foot Pedal Kit
#195 055
Fingertip Kit
Includes either RFCS-14HD foot or RCCS-14 fingertip control, 150-amp WP17 TIG torch with adapter and 25-foot (7.6 m) cable, 200-amp Stick electrode holder with 15-foot (4.6 m) #4 cable, work clamp with 15-foot (4.6 m) #4 cable, flow gauge regulator and gas hose, AK2C torch accessory kit (.040-, 1/16-, and 3/32-inch cerated tungsten, collets and cups), and protective carrying case.

RCCS-14 Remote Contactor and Current Control
#043 688
North/south rotary-motion fingertip control fastens to TIG torch using two Velcro® straps. Includes 26.5-foot (8 m) cord and 14-pin plug.

RCC-14 Remote Contactor and Current Control
#151 086
East/west rotary-motion fingertip control fastens to TIG torch using two Velcro® straps. Includes 26.5-foot (8 m) cord and 14-pin plug.

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-foot (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 3.25 inches (102 x 102 x 83 mm). Includes 20-foot (6 m) cord and 14-pin plug.

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

Gas Tungsten Arc Welding (TIG) Publication
#250 833
Ron Covell TIG Welding Basics DVD
#196 567
DVD Setup Video
#251 116

Extension Cables for 14-Pin Remote Controls
#242 208 025 25 ft. (7.6 m)
#242 208 050 50 ft. (15.2 m)
#242 208 080 80 ft. (24.4 m)

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>.040 in.</td>
<td>10 – 80 A</td>
<td>WC040X7</td>
<td>WL2040X7</td>
</tr>
<tr>
<td>1/16 in.</td>
<td>70 – 150 A</td>
<td>WC116X7</td>
<td>WL2116X7</td>
</tr>
<tr>
<td>3/32 in.</td>
<td>140 – 250 A</td>
<td>WC332X7</td>
<td>WL2332X7</td>
</tr>
<tr>
<td>1/8 in.</td>
<td>225 – 400 A</td>
<td>WC018X7</td>
<td>WL2018X7</td>
</tr>
<tr>
<td>5/32 in.</td>
<td>300 – 500 A</td>
<td>WC532X7</td>
<td>WL2532X7</td>
</tr>
</tbody>
</table>
## Ordering Information

<table>
<thead>
<tr>
<th>Equipment and Options</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dynasty® 200 SD</strong></td>
<td>#907 099</td>
<td>Auto-Line™ 115 – 460 VAC, 50/60 Hz, CSA. 8-ft. primary cord</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dynasty® 200 DX</strong></td>
<td>#907 099-01-1</td>
<td>Auto-Line™ 115 – 460 VAC, 50/60 Hz, CSA. 8-ft. primary cord</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dynasty® 200 DX International</strong></td>
<td>#907 356</td>
<td>Auto-Line™ 115 – 460 VAC, 50/60 Hz, CE. 8-ft. primary cord</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Air-Cooled Packages

| **Dynasty® 200 DX Contractor Kit w/Foot Control** | #951 174 | Auto-Line™ 115 – 460 VAC, 50/60 Hz, CSA. 8-ft. primary cord |     |       |
| **Dynasty® 200 DX Contractor Kit w/Fingertip Control** | #951 175 | Auto-Line™ 115 – 460 VAC, 50/60 Hz, CSA. 8-ft. primary cord |     |       |

### Water-Cooled Packages

| **Dynasty® 200 DX TIGRunner®** | #907 099-02-1 | Auto-Line™ 115 – 460 VAC, 50/60 Hz, CSA. 8-ft. primary cord (Torch kit and accessories sold separately.) |     |       |
| **Dynasty® 200 DX Complete with Wireless Remote Foot Control** | #951 397 | Auto-Line™ 115 – 460 VAC, 50/60 Hz, CSA. 8-ft. primary cord |     |       |
| **Dynasty® 200 DX Complete w/Foot Control** | #951 139 | Auto-Line™ 115 – 460 VAC, 50/60 Hz, CSA. 8-ft. primary cord |     |       |
| **Dynasty® 200 DX Complete w/Fingertip Control** | #951 140 | Auto-Line™ 115 – 460 VAC, 50/60 Hz, CSA. 8-ft. primary cord |     |       |

### TIG Torch Kits

| **Weldcraft® 250 A Water-Cooled Torch Kit** | #300 185 | See page 7 |     |       |
| **Contractor Kit Foot Pedal (Air-Cooled)** | #195 054 | See page 7 |     |       |
| **Contractor Kit Fingertip (Air-Cooled)** | #195 055 | See page 7 |     |       |
| **Weldcraft® 200 A Air-Cooled Torch** | #WP2625RM | Adapter #195 379 required. |     |       |

### Consumables and Tungsten

<table>
<thead>
<tr>
<th><strong>Remote Controls</strong></th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wireless Remote Foot Control</strong></td>
<td>#300 429</td>
<td>Foot control with wireless 90-ft. (27.4 m) operating range</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Wireless Remote Hand Control</strong></td>
<td>#300 430</td>
<td>Hand control with wireless 300-ft. (91.4 m) operating range</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RCCS-14</strong></td>
<td>#043 688</td>
<td>North/south fingertip control</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RCC-14</strong></td>
<td>#151 086</td>
<td>East/west fingertip control</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RFCS-14 HD</strong></td>
<td>#194 744</td>
<td>Heavy-duty foot control</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RHC-14</strong></td>
<td>#242 211 020</td>
<td>Hand control</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RMLS-14</strong></td>
<td>#129 337</td>
<td>Momentary/maintained rocker switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RMS-14</strong></td>
<td>#187 208</td>
<td>Momentary rubber dome switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Extension Cables</strong></td>
<td>#242 208 025</td>
<td>25 ft. (7.6 m)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#242 208 050</td>
<td>50 ft. (15.2 m)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#242 208 080</td>
<td>80 ft. (24.4 m)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th><strong>Accessories</strong></th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2-Wheel Trolley Cart</strong></td>
<td>#300 480</td>
<td>See page 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Universal Carrying Cart and Cylinder Rack</strong></td>
<td>#042 934</td>
<td>See page 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Coolmate™ 1</strong></td>
<td>#300 360</td>
<td>115 VAC, 60 Hz. Requires coolant</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TIG Coolant</strong></td>
<td>#043 810</td>
<td>Sold in multiples of four in one-gallon plastic bottles</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Water-Cooled Dinse</strong></td>
<td>#195 377</td>
<td>Used to connect water-cooled torch to Dinse terminal machine. For WP20, WP18 and SC310 (adapter included in Complete Package)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Air-Cooled Dinse</strong></td>
<td>#195 378</td>
<td>Used to connect WP17, WP9 and WP23 torch to Dinse terminal machine</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#195 379</td>
<td>Used to connect WP26 torch to Dinse terminal machine</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dinse Connector 50 mm (1 male)</strong></td>
<td>#042 418</td>
<td>Used to connect weld lead to Dinse terminal machine</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dinse Connector 50 mm (1 male, 1 female)</strong></td>
<td>#042 419</td>
<td>Used to extend weld cables</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tweco® Terminal Adapter</strong></td>
<td>#042 465</td>
<td>Male Dinse to female Tweco</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cam-Lok Terminal Adapter</strong></td>
<td>#042 466</td>
<td>Male Dinse to female Cam-Lok</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gas Tungsten Arc Welding (TIG) Publication</strong></td>
<td>#250 833</td>
<td>To order, call Miller Literature at 866-931-9732 or visit MillerWelds.com/resources/tools</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Ron Covell TIG Welding Basics DVD</strong></td>
<td>#196 567</td>
<td>DVD Setup Video (included with machine)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DVD Setup Video</strong></td>
<td>#251 116</td>
<td>(included with machine)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Miscellaneous

| **Stick Electrodes** |     |     |     |     |
| **Welding and Work Cables** |     |     |     |     |
| **Welding Gloves and Helmet** |     |     |     |     |

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**Date:**

**Total Quoted Price:**

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