**AlumaFeed**

**Synergic Aluminum Welding System**

---

**Quick Specs**

<table>
<thead>
<tr>
<th>Heavy Industrial Applications</th>
<th>XR-AlumaFeed</th>
<th>AlumaPower 350 MPa and 450 MPa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boat, ship and yacht building</td>
<td>Input Power</td>
<td>Input Power</td>
</tr>
<tr>
<td>Recreational vehicles</td>
<td>24 VAC, 5 A, 50/60 Hz</td>
<td>350: Requires 3- or 1-phase power, 208–575 V, 50/60 Hz</td>
</tr>
<tr>
<td>Trucks and trailer</td>
<td>Wire Feed Speed</td>
<td>450: Requires 3-phase power, 230/460 V or 575 V, 60 Hz</td>
</tr>
<tr>
<td>Sign manufacturers</td>
<td>50–900 ipm (1.3–22.9 m/min.)</td>
<td>Rated Output</td>
</tr>
<tr>
<td>Emergency vehicles</td>
<td>Net Weight</td>
<td>350: 10–38 V, 5–425 A</td>
</tr>
<tr>
<td></td>
<td>42.5 lb. (19.2 kg)</td>
<td>450: 10–38 V, 15–600 A</td>
</tr>
</tbody>
</table>

---

The XR-AlumaFeed® and AlumaPower™ 350 MPa or 450 MPa combine for a synergic system that simplifies and improves MIG and pulsed MIG welding applications for aluminum welding.

**Ultra portable and versatile.**

The slim ergonomic design of the XR-Aluma-Pro torch allows access into the tightest of quarters. Coupled with the XR-AlumaFeed feeder and the AlumaPower 350 MPa or 450 MPa synergic power supply, it has the features for all of your aluminum fabrication needs.

**Synergic pulsed welding mode** offers the simplicity of single-knob control. The machine will select the correct pulse power based on the wire feed speed (WFS) set by the operator.

**Profile Pulse**: Achieve “stacked dime” weld bead appearance without back-stepping. See page 2 for more information.

**Parameter and system locks** provide three levels of protection to prevent accidental modification of welding parameters or manipulation of setup menu items.

---

**Power source/wire feeder** are warranted for three years, parts and labor. **Original main power rectifier parts** are warranted for five years. Gun warranted for one year, parts and labor.

---

**Miller Electric Mfg. LLC**

An ITW Welding Company
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Phone: 866-931-9730
FAX: 800-637-2315
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International FAX: 920-735-4125

**MillerWelds.com**

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The XR-AlumaFeed® and AlumaPower™ 350 MPa or 450 MPa combine for a synergic system that simplifies and improves MIG and pulsed MIG welding applications for aluminum welding.

---

**Synchronized, true push-pull wire feed system.** Slave/torque motor ensures smooth, consistent feeding and improved arc performance, while reducing the problems normally associated with feeding aluminum.

---

Power source/wire feeder are warranted for three years, parts and labor.

**Original main power rectifier parts** are warranted for five years.

Gun warranted for one year, parts and labor.

---

**XR-AlumaFeed**

Input Power
24 VAC, 5 A, 50/60 Hz

**XR-Aluma-Pro™**

OR

**XR™-Pistol**

push-pull welding gun

.035- and 3/64-inch (0.9 and 1.2 mm) contact tips, drive roll and liners for guns

.035- and 3/64-inch (0.9 and 1.2 mm) drive rolls for wire feeder, 3/64-inch installed

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**AlumaFeed synergic aluminum welding system**

with AlumaPower 450 MPa and XR-Aluma-Pro gun shown.

---

**AlumaFeed**

Input Power
350: Requires 3- or 1-phase power, 208–575 V, 50/60 Hz

450: Requires 3-phase power, 230/460 V or 575 V, 60 Hz

Rated Output
350: 10–38 V, 5–425 A

450: 10–38 V, 15–600 A

Net Weight
350: 80 lb. (36.3 kg)

450: 122 lb. (55.3 kg)
AlumaFeed® Synergic Aluminum Welding System Features

**Drive assembly.** Improved drive assembly with numeric scale for different wire sizes prevents wire slippage and deformation. Helps improve wire feeding by making sure the proper drive-roll tension is used. Comes factory-installed with 3/64-inch drive rolls.

**Flowmeter.** Standard integrated flowmeter helps to regulate and maintain proper gas flow rate. Helpful when feeder is located long distances from gas supply. Helps ensure weld quality.

**Gun bushing.** Improved gun connection uses a bushing that captures the power end of gun to ensure correct alignment to drive rolls and provides exceptional ruggedness and durability.

**Profile Pulse.** Achieve "stacked dime" weld bead appearance without back-stepping. Profile Pulse frequency can be changed to increase or decrease the spacing between the ripple pattern to achieve the desired weld appearance.

**Hot Start™** eliminates incomplete fusion at the beginning of a weld, a common issue with aluminum welding. **Crater** gradually decreases weld current at the end of a weld to eliminate crater defects. Adjustable preflow and postflow rates ensure that the puddle always has adequate gas coverage.

**Synergic “one-knob” control.** Set the wire feed speed control on the gun and the system handles the rest, greatly simplifying set-up and reducing training time. No need to travel back to the power source to change multiple parameters.
**XR-AlumaFeed® Wire Feeder**

Gun calibration allows control box to sync with the welding gun for precise wire feed control that is critical for reducing weld defects and providing flawless synergic operation.

Advanced trigger provides “trigger interlock” capability and the ability to control the amount of time spent in the arc start and arc crater steps.

Bright digital displays are easy to read, and display voltage or arc length and wire feed speed or amperage. Also have indicators for start and crater, setup, schedule select and advanced trigger operations. Two-knob, three-button panel layout makes it simple to change parameters and reduces training time.

**XR-AlumaFeed Specifications** *(Subject to change without notice.)*

<table>
<thead>
<tr>
<th>Input Power</th>
<th>Input Welding Circuit Rating</th>
<th>Wire Feed Speed</th>
<th>Wire Type and Diameter Capacity</th>
<th>Maximum Spool Size Capacity</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 VAC, 5 A, 50/60 Hz</td>
<td>400 A at 100% duty cycle System duty cycle is limited to gun rating</td>
<td>50–900 ipm (1.3–22.9 m/min.)</td>
<td>Aluminum .035–1/16 in. (0.9–1.6 mm) Solid Wire .035–.045 in. (0.9–1.2 mm) Drive roll kit 268850 required to run 1/16 in. (1.6 mm) wire</td>
<td>12 in. (305 mm)</td>
<td>H: 16 in. (406 mm) W: 9.5 in. (241 mm) D: 21.25 in. (540 mm)</td>
<td>42.5 lb. (19.2 kg)</td>
</tr>
</tbody>
</table>

**XR-AlumaFeed Control Panel**

![Control Panel Diagram]

1. Setup Menu Indicator
2. Lock Indicator
3. Left Display
4. Start Menu Indicator
5. Crater Menu Indicator
6. Volts Indicator
7. Arc Length Indicator
8. Left Adjust Knob
9. Start On Indicator
10. Setup Indicator
11. Setup Button
12. Start Button
13. Right Display
14. Schedule B Indicator
15. Advanced Trigger Indicator
16. Wire Speed Indicator
17. Amps Indicator
18. Right Adjust Knob
19. Crater On Indicator
20. Crater Button
21. Jog/Purge Switch
22. Gun Connector
23. Optional Remote Connector

**Power Source Compatibility for XR-AlumaFeed Wire Feeder**

<table>
<thead>
<tr>
<th>Power Source</th>
<th>Pulse Capable</th>
<th>Synergic Pulsed MIG</th>
<th>Profile Pulse Capability</th>
<th>Electronic Inductance/SharpArc®</th>
<th>Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>AlumaPower® 350 and 450 MPa</td>
<td>Yes <em>(Aluminum only)</em></td>
<td>Yes <em>(Aluminum only)</em></td>
<td>Yes</td>
<td>Yes</td>
<td>Optimized</td>
</tr>
<tr>
<td>Invision® 350 and 450 MPa</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Best</td>
</tr>
<tr>
<td>AlumaPower® 350 and 450 CC/CV</td>
<td>Yes <em>(with Optima)</em></td>
<td>No</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Invision® 456P</td>
<td>Yes <em>(with Optima)</em></td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Better</td>
</tr>
<tr>
<td>Invision® 456MP</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Better</td>
</tr>
<tr>
<td>Invision® 354P</td>
<td>Yes <em>(with Optima)</em></td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Better</td>
</tr>
<tr>
<td>Invision® 354MP</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Better</td>
</tr>
<tr>
<td>Deltaweld® (after KF790532)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
<td>Good</td>
</tr>
</tbody>
</table>

**Note:** Power sources not included in this list are not recommended. For specific information, please contact your local Miller distributor.
XR-Aluma-Pro Specifications (Subject to change without notice.)

<table>
<thead>
<tr>
<th>Model</th>
<th>Welding Current Rating</th>
<th>Wire Feed Speed</th>
<th>Wire Diameter Capacity</th>
<th>Dimensions</th>
<th>Net Weight (Gun only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XR-Aluma-Pro™ (air-cooled)</td>
<td>300 A at 100% duty cycle</td>
<td>70–900 ipm (1.8–23 m/min.)</td>
<td>.030–1/16 in. (0.8–1.6 mm) aluminum wire</td>
<td>H: 5 in. (127 mm) W: 2.5 in. (64 mm) D: 17 in. (432 mm)</td>
<td>2.5 lb. (1.1 kg)</td>
</tr>
<tr>
<td>XR-Aluma-Pro™ (water-cooled)</td>
<td>400 A at 100% duty cycle</td>
<td>70–900 ipm (1.8–23 m/min.)</td>
<td>Wire kit 230708 required to run 1/16 in. (1.6 mm) wire</td>
<td>*Optional</td>
<td>2.9 lb. (1.3 kg)</td>
</tr>
</tbody>
</table>

**XR-Aluma-Pro Parts Breakdown**

**Air-Cooled XR-Aluma-Pro**

1. Air-Cooled Assembly
   - Short Head Tube, 4 in. 231519 Short
   - Long Head Tube, 6 in. 231518 Long
2. Head Tube Liner (see chart below)
3. Head Tube O-Rings 230969
4. Lock Nut 227168
5. Insulator Ring Rear 227416
6. Outer Insulating Jacket 227159
7. Gas Diffuser 229670
8. FasTip™ Contact Tip (see chart below)
9. Nozzle 198855

**Water-Cooled XR-Aluma-Pro**

1. Water-Cooled Assembly
   - Long Head Tube, 6 in. 231517
2. Head Tube Liner (see chart below)
3. Head Tube O-Rings 230970
4. Lock Nut 229889
5. Insulator Ring Rear 227416
6. Outer Insulating Jacket 230420
7. Gas Diffuser 229670
8. FasTip™ Contact Tip (see chart below)
9. Nozzle 199618

*Important: A wider selection of FasTip™ and Centerfire™ Series consumables are available — see Gooseneck-Style Guns literature M/1.71.*

**XR-Aluma-Pro Standard Replacement Consumables**

<table>
<thead>
<tr>
<th>Aluminum Wire Size</th>
<th>FastTip Contact Tip (Qty. 25)</th>
<th>Drive Rolls</th>
<th>Idler Rolls</th>
<th>Inlet Guides</th>
<th>Liner for Short Air-Cooled Head Tube 4 in. (102 mm)</th>
<th>Liner for Long Air- or Water-Cooled Head Tube 6 in. (152 mm)</th>
<th>Cable Liners</th>
</tr>
</thead>
<tbody>
<tr>
<td>.030 in. (0.8 mm)</td>
<td>206186 .041 in. ID</td>
<td>227434</td>
<td>227439</td>
<td>227408</td>
<td>227161</td>
<td>229674</td>
<td>229887</td>
</tr>
<tr>
<td>.035 in. (0.9 mm)</td>
<td>206187 .047 in. ID</td>
<td>227434</td>
<td>227439</td>
<td>227408</td>
<td>227161</td>
<td>229674</td>
<td>229891</td>
</tr>
<tr>
<td>.040 in. (1.0 mm)</td>
<td>206188 .053 in. ID</td>
<td>227434</td>
<td>227439</td>
<td>227408</td>
<td>227161</td>
<td>229674</td>
<td>232321</td>
</tr>
<tr>
<td>3/64 in. (1.2 mm)</td>
<td>206189 .061 in. ID</td>
<td>227434</td>
<td>227439</td>
<td>227408</td>
<td>230239</td>
<td>229431</td>
<td></td>
</tr>
<tr>
<td>1/16 in. (1.6 mm)</td>
<td>206191 .071 in. ID</td>
<td>227434</td>
<td>230710</td>
<td>230711</td>
<td>230239</td>
<td>229431</td>
<td></td>
</tr>
</tbody>
</table>

**XR-Aluma-Pro Genuine Miller® Accessories**

**Leather Cable Cover**
- 234109 15 ft. (4.6 m)
- 234110 25 ft. (7.6 m)
- 234111 35 ft. (10.6 m)
Protects gun hose and cable assembly from wear and abrasion. Features full-length hook-and-loop closure for ease of maintenance or replacement.

**Short Leather Gun Cover** 234416
Cover is 17 inches (432 mm).

**Short Air-Cooled Head Tube Assembly**
- 231519 60 degree/4-inch (102 mm) standard head tube includes liner.

**Long Air-Cooled Head Tube Assembly**
- 231518 60 degree/6-inch (152 mm) optional head tube includes liner.

**1/16-inch (1.6 mm) Wire Kit** 230708
Specially designed for 1/16-inch wire. Includes idler roll, head tube liner and inlet guide. Required when running 1/16-inch wires. Not included with standard XR-Aluma-Pro gun.

**Hardwire Liner Kit for Steel and Stainless 198377**
- For 15, 25, or 35 ft. (4.6, 7.6 or 10.6 m) guns
- Kit consists of gun head tube liner 233998 listed below and feed cable liner. Recommend using .030–.045 inch mild steel or stainless steel electrode wire.
- .052- and 1/16-inch wires not recommended.

**Phosphorous Bronze Liner** 233999
- Long head tube (air or water)
- Short head tube (air only)
For use with hardwire liner kit 198377 above when used in XR-Aluma-Pro gun.
**XR™-Pistol Specifications** (Subject to change without notice.)

<table>
<thead>
<tr>
<th>Model</th>
<th>Welding Current Rating</th>
<th>Wire Feed Speed</th>
<th>Wire Diameter Capacity</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>XR-Pistol (air-cooled)</td>
<td>200 A at 100% duty cycle</td>
<td>70–875 ipm</td>
<td>.030–1/16 in. (0.8–1.6 mm) aluminum wire</td>
<td>H: 7.375 in. (187 mm) W: 1.875 in. (48 mm) D: 10.625 in. (270 mm)</td>
<td>Gun only: 2.2 lb. (1 kg) 15 ft. gun with cable: 13 lb. (5.9 kg) 30 ft. gun with cable: 21 lb. (9.5 kg)</td>
</tr>
<tr>
<td>XR-Pistol (water-cooled)</td>
<td>400 A at 100% duty cycle</td>
<td></td>
<td></td>
<td></td>
<td>Gun only: 2.4 lb. (1.1 kg) 15 ft. gun with cable: 14 lb. (6.4 kg) 30 ft. gun with cable: 21.5 lb. (9.8 kg)</td>
</tr>
</tbody>
</table>

**XR-Pistol Air-Cooled Parts Breakdown**

1. Air-Cooled Assembly Kit 231523
2. Water-Cooled Assembly* Kit 231524
3. Head Tube Liner 212156
4. O-Ring .614 ID 134800
5. Head Tube (Air-cooled) 221087
6. Head Tube (Water-cooled)* 221519
7. Head Tube Pistol Insulator 219795
8. Head Tube Insulator 219794
9. Nozzle Insulator 232284
10. Diffuser 227749
11. Contact Tip (see chart below) 199613

Important: A wider selection of FasTip™ and Centerfire™ Series consumables are available — see Pistol-Grip Guns literature M/1.73.

**XR-Pistol Standard Replacement Consumables** (Air-cooled only.)

<table>
<thead>
<tr>
<th>Aluminum Wire Size</th>
<th>FasTip Contact Tip (Qty. 25)</th>
<th>Drive Rolls</th>
<th>All-Wire Dual Groove Drive Rolls</th>
<th>Head Tube Liner</th>
<th>Cable Liners</th>
</tr>
</thead>
<tbody>
<tr>
<td>.030 in. (0.8 mm)</td>
<td>206186 .041 in. ID</td>
<td>183357</td>
<td>136135</td>
<td>212156</td>
<td>191065</td>
</tr>
<tr>
<td>.035 in. (0.9 mm)</td>
<td>206187 .047 in. ID</td>
<td>183357</td>
<td>136135</td>
<td>212156</td>
<td></td>
</tr>
<tr>
<td>.040 in. (1.0 mm)</td>
<td>206188 .053 in. ID</td>
<td>183357</td>
<td>136135</td>
<td>212156</td>
<td></td>
</tr>
<tr>
<td>3/64 in. (1.2 mm)</td>
<td>206189 .061 in. ID</td>
<td>183358</td>
<td>136135</td>
<td>212156</td>
<td></td>
</tr>
<tr>
<td>1/16 in. (1.6 mm)</td>
<td>206191 .071 in. ID</td>
<td>183358</td>
<td>136135</td>
<td>212156</td>
<td></td>
</tr>
</tbody>
</table>
AlumaPower® 350/450 MPa Power Source

Auto-Line™ power management technology on 350 model allows for any input voltage hook-up (208–575 V) with no manual linking. Ideal solution for dirty or unreliable input power. (450 model is manual link.)

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

Large, dual digital meters are easy to view and are presettable to ease setting weld output.

Inverter arc control technology provides greater puddle control for outstanding MIG and pulsed MIG weld performance.

Lightweight, aerospace-grade aluminum case offers protection and the benefit of reduced weight.

Ultra-tough, polycarbonate-blended cover for control panel protects front controls from damage.

Easy setup for MIG and pulsed MIG applications. Line voltage compensation keeps welding output constant even if input power varies by +/-10 percent. 350 models further expand line voltage compensation to an amazing +37%/-59 percent when operating on 460 V.

SharpArc® controls the arc in pulsed MIG mode and gives control over the arc cone shape, puddle fluidity, and bead profile. If a gas is used other than Ar 100% (argon), SharpArc can be adjusted to help customize your arc to the gas being used.

Additional Features

Power factor of .95 enables smaller fuses/ breakers and primary wiring. Primary amperage draw at rated output is 25 percent less than the competition.

Built-in synergic or standard pulsed MIG capabilities. See the list below of built-in pulsed MIG (GMAW-P) aluminum programs.

<table>
<thead>
<tr>
<th>Wire Type</th>
<th>Gas Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>.035 AL 4043</td>
<td>Ar 100% (argon)</td>
</tr>
<tr>
<td>.040 AL 4043</td>
<td>Ar 100% (argon)</td>
</tr>
<tr>
<td>3/64 AL 4043</td>
<td>Ar 100% (argon)</td>
</tr>
<tr>
<td>1/16 AL 4043</td>
<td>Ar 100% (argon)</td>
</tr>
<tr>
<td>.035 AL 5356</td>
<td>Ar 100% (argon)</td>
</tr>
<tr>
<td>.040 AL 5356</td>
<td>Ar 100% (argon)</td>
</tr>
<tr>
<td>3/64 AL 5356</td>
<td>Ar 100% (argon)</td>
</tr>
<tr>
<td>1/16 AL 5356</td>
<td>Ar 100% (argon)</td>
</tr>
</tbody>
</table>

Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

AlumaPower Specifications (Subject to change without notice.)

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Power</th>
<th>Amp/Volt Ranges</th>
<th>Rated Output</th>
<th>Amps Input at Rated Load Output, 60 Hz</th>
<th>KVA</th>
<th>Max. Open-Circuit Voltage</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AlumaPower</td>
<td>Three-phase</td>
<td>CC mode: 5–425 A</td>
<td>350 A at 34 VDC, 60% duty cycle</td>
<td>40.4 36.1 20.6 17.8 14.1</td>
<td>14.2</td>
<td>13.6 75 VDC</td>
<td>H: 17 in. (432 mm) W: 12.5 in. (318 mm) D: 24 in. (610 mm)</td>
<td>80 lb. (36.3 kg)</td>
</tr>
<tr>
<td>350 MPa</td>
<td>CV mode: 10–38 V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single-phase</td>
<td>CC mode: 5–425 A</td>
<td>300 A at 32 VDC, 60% duty cycle</td>
<td>60.8 54.6 29.7 24.5 19.9</td>
<td>11.7</td>
<td>11.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CV mode: 10–38 V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AlumaPower</td>
<td>Three-phase</td>
<td>CC mode: 15–600 A</td>
<td>450 A at 36.5 VDC, 100% duty cycle</td>
<td>49.4 27.2 23.6</td>
<td>21.6</td>
<td>18.3 90 VDC</td>
<td>H: 17.25 in. (438 mm) W: 14.5 in. (368 mm) D: 27.125 in. (689 mm)</td>
<td>122 lb. (55.3 kg)</td>
</tr>
<tr>
<td>450 MPa</td>
<td>CV mode: 10–38 V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single-phase</td>
<td>CC mode: 5–425 A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MPa: M (MIG), P (Pulse), a (Advanced Arc Control)

Advanced arc control enables an improved pulse welding arc. The operator has more control over puddle and bead characteristics using SharpArc. In addition, the unit provides a more robust and stable arc at very low arc length, reducing heat input, and providing the ability to weld on a wider range of material thickness.

What are some benefits of synergic pulsed MIG?
1. Easier to set up
2. No more changing wire speed, and then having to go back to the power source to reset the welding output.

Performance Data

AlumaPower 350 MPa Duty Cycle Chart

AlumaPower 450 MPa Duty Cycle Chart
AlumaPower™ Genuine Miller® Accessories

### Industrial MIG 4/0 Kit

For AlumaPower 350 MPa power source. Includes flowmeter regulator with 10-foot (3 m) gas hose, 10-foot (3 m) 4/0 feeder weld cable with Dinse-style connector on one end and a lug on the other, 15-foot (4.6 m) work cable with Dinse-style connector on one end and 600-amp C-clamp on the other.

**Industrial MIG 4/0 Kit** 300390

For AlumaPower 450 MPa power source. Includes the same as the kit above, except weld and work cables have lugs instead of Dinse-style connectors.

**Remote Control Extension Kits**

- 242205025 25 ft. (7.6 m)
- 242205050 50 ft. (15 m)
- 242205080 80 ft. (24.3 m)

Fully loaded 14-pin extension cords for remote controls or 24 V and 115 V feeders.

**Cable Connectors and Adapters**

- Dinse/Tweco® Adapter 042465
- Dinse/Cam-Lok Adapter 042466

One-piece adapter with Dinse-style male plug (to power source) on one end and female receptacle (Tweco or Cam-Lok for weld cable connection) on other end.

### Remote Control Extension Kits

- 242205025 25 ft. (7.6 m)
- 242205050 50 ft. (15 m)
- 242205080 80 ft. (24.3 m)

Includes flowmeter regulator with 10-foot (3 m) gas hose, 10-foot (3 m) 4/0 feeder weld cable with Dinse-style connector on one end and a lug on the other, 15-foot (4.6 m) work cable with Dinse-style connector on one end and 600-amp C-clamp on the other.

### AlumaFeed® System Genuine Miller® Accessories

#### MIGRunner™ Cart

195445

Small footprint and easily maneuverable, with cylinder rack low enough that you do not have to lift bottles.

#### Universal Carrying Cart and Cylinder Rack

042934

Holds power source, and gas cylinder up to 56 inches (142.2 cm) high measuring 6 to 9 inches (15.2 to 22.8 cm) in diameter.

### Coolant Systems

For more information see literature AY/7.2.

- **Coolmate™ 3**
  - 043007 115 V
  - 043008 230 V
  - For use with water-cooled torches rated up to 600 amps. Unique paddle-wheel indicator, external filter and easy-fill spout.

- **Coolmate™ 4**
  - 042288 115 V
  - For use with water-cooled torches rated up to 600 amps. Tough molded polyethylene case with carrying handle.

### Coolant 043809

Sold in cases of four one-gallon recyclable plastic bottles. Miller coolants contain a base of ethylene glycol and deionized water to protect against freezing to -37 degrees Fahrenheit (-38°C) or boiling to 227 degrees Fahrenheit (108°C). Also contains a compound that resists algae growth.

### AlumaFeed MIGRunner™

- 951151 AlumaFeed 350 with 25 ft. (7.6 m) air-cooled XR-Aluma-Pro gun
- 951555 AlumaFeed 350 with 25 ft. (7.6 m) water-cooled XR-Aluma-Pro gun
- 951153 AlumaFeed 350 with 30 ft. (9 m) air-cooled XR-Pistol gun
- 951556 AlumaFeed 350 with 30 ft. (9 m) water-cooled XR-Pistol gun
- 951459 AlumaFeed 450 with 25 ft. (7.6 m) air-cooled XR-Aluma-Pro gun
- 951959 AlumaFeed 450 with 25 ft. (7.6 m) water-cooled XR-Aluma-Pro gun

Packages include:
- AlumaPower 350 or 450 MPa power source
- XR-AlumaFeed wire feeder
- Air- or water-cooled XR-Aluma-Pro (gooseneck-style) or XR-Pistol (pistol-grip-style) push-pull gun
- MIGRunner cart
- Industrial MIG 4/0 MIG kit with Dinse or lug connectors
- Gun and feeder drive rolls and consumables to run .035–3/64 inch (0.9–1.2 mm) wire
  - (1/16-inch consumables not included, order separately)
- Coolmate 3 and coolant included with water-cooled packages
### Ordering Information

<table>
<thead>
<tr>
<th>Power Source and Options</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
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<tr>
<td><strong>AlumaFeed® Synergic Aluminum Welding Systems</strong>&lt;br&gt;(Includes AlumaPower® 350 MPa or 450 MPa power source, XR-AlumaFeed® wire feeder, gooseneck or pistol-grip push-pull gun (air- or water-cooled), plus gun and feeder drive rolls and consumables to run .035–.064 inch (0.9–1.2 mm) wire. 1/16-inch drive rolls and consumables NOT included — order separately below. Coolmate™ 3 and coolant included with water-cooled packages. 350 MPa water-cooled packages and all 450 MPa packages have 115 V auxiliary power.)</td>
<td>951158</td>
<td>350 MPa with 15-foot (4.6 m) air-cooled XR-Aluma-Pro™ gun</td>
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<td>951147</td>
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<td>951160</td>
<td>350 MPa with 35-foot (10.7 m) air-cooled XR-Aluma-Pro™ gun</td>
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<td>951550</td>
<td>350 MPa with 15-foot (4.6 m) water-cooled XR-Aluma-Pro™ gun</td>
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<td>951551</td>
<td>350 MPa with 25-foot (7.6 m) water-cooled XR-Aluma-Pro™ gun</td>
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<td>350 MPa with 35-foot (10.7 m) water-cooled XR-Aluma-Pro™ gun</td>
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<td>350 MPa with 15-foot (4.6 m) air-cooled XR-Pistol gun</td>
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<td>951149</td>
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<td>951460</td>
<td>450 MPa with 25-foot (7.6 m) air-cooled XR-Aluma-Pro™ gun</td>
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<td>951557</td>
<td>450 MPa with 25-foot (7.6 m) water-cooled XR-Aluma-Pro™ gun</td>
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</table>

| **AlumaFeed® MIGRunner® Packages**<br>(Includes the same as above plus MIGRunner cart and industrial MIG 4/0 kit with Dinse-style connectors. 350 MPa water-cooled packages and all 450 MPa packages have 115 V auxiliary power.) | 951151 | 350 MPa with 25-foot (7.6 m) air-cooled XR-Aluma-Pro™ gun | | |
| | 951555 | 350 MPa with 25-foot (7.6 m) water-cooled XR-Aluma-Pro™ gun | | |
| | 951153 | 350 MPa with 30-foot (9 m) air-cooled XR-Pistol gun | | |
| | 951556 | 350 MPa with 30-foot (9 m) water-cooled XR-Pistol gun | | |
| | 951459 | 450 MPa with 25-foot (7.6 m) air-cooled XR-Aluma-Pro™ gun | | |
| | 951559 | 450 MPa with 25-foot (7.6 m) water-cooled XR-Aluma-Pro™ gun | | |

| **AlumaPower® 350 MPa Power Source** | 907420 | Power source only. 208–575 V with Auto-Line™ | | |
| | 907420001 | Power source only. 208–575 V with Auto-Line™ and auxiliary power | | |

| **AlumaPower® 450 MPa Power Source** | 907483 | Power source only. 230/460 V with auxiliary power | | |
| | 907484 | Power source only. 575 V with auxiliary power | | |

| **XR-AlumaFeed® Wire Feeder** | 300509 | Feeder only. Full synergic operation when used with MPa power sources only. Other Miller 14-pin power sources may be used, but feature operation may be limited. Call your Miller distributor for more information. | | |

| **Gun Accessories** | 230708 | Required with 1/16-inch drive roll kit below to run 1/16-inch wire | | |
| **Replacement Cable Covers** | See page 4 | | | |
| **Tube Assemblies and Liners** | See page 4 | | | |

| **Feeder and Power Supply Accessories** | 268850 | Required with 1/16-inch wire kit above to run 1/16-inch wire | | |
| **XR-AlumaFeed® 1/16-inch (1.6 mm) Drive Roll Kit** | See page 7 | | | |
| **Industrial MIG 4/0 Kit with Dinse Connectors** | See page 7 | | | |
| **Remote Control Extension Kits** | See page 7 | | | |
| **Cable Connectors and Adapters** | See page 7 | | | |

| **System Accessories** | 195445 | | | |
| **Universal Carrying Cart and Cylinder Rack** | 042934 | | | |
| **Coolant Systems** | See page 7. See literature AY/7.2 | | | |