#### Issued Sept. 2020 • Index No. DC/34.0

MIG Welding System for Aluminum Welding

# **AlumaFeed**<sup>®</sup> Synergic Aluminum Welding System

**Heavy Industrial Applications** 

Boat, ship and yacht building

Recreational vehicles

Trucks and trailer

Sign manufacturers

Emergency vehicles

Aluminum MIG (GMAW)

Aluminum pulsed MIG (GMAW-P) Aluminum synergic pulsed MIG

**Processes** 

# AlumaPower 350 MPa and 450 MPa

Input Power	<b>350:</b> Requires 3- or 1-phase power, 208–575 V, 50/60 Hz
	<b>450:</b> Requires 3-phase power, 230/460 V or 575 V, 60 Hz
Rated Output	<b>350:</b> 10-38 V, 5-425 A <b>450:</b> 10-38 V, 15-600 A
Net Weight	<b>350:</b> 80 lb. (36.3 kg) <b>450:</b> 122 lb. (55.3 kg)

The XR-AlumaFeed<sup>®</sup> system consistently delivers premium feeding performance, portability when needed, and a balanced and ergonomic gun design to allow you to weld aluminum all day.



Quick

**Specs** 

Impact-resistant and flame-retardant suitcase-style feeder.

### Ultra portable and versatile.

The slim ergonomic design of the XR-Aluma-Pro torch allows access into the tightest of quarters. Coupled with an XR-AlumaFeed SuitCase feeder and 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.

#### Parameter and system locks

provide three levels of protection to prevent accidental modification of welding parameters or manipulation of setup menu items.



XR-AlumaFeed SuitCase

**Input Power** 

50-900 ipm

**Net Weight** 

31 lb. (14.1 kg)

24 VAC, 5 A, 50/60 Hz

Wire Feed Speed

(1.3-22.9 m/min.)

XR-AlumaFeed SuitCase with XR-Aluma-Pro gun and AlumaPower 350 MPa stationary air-cooled package shown.



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



### Miller Electric Mfg. LLC

An ITW Welding 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

### Comes complete with:

- XR-AlumaFeed<sup>®</sup> SuitCase<sup>®</sup> push-pull wire feeder
- AlumaPower™ 350 MPa **0**R
   450 MPa power source
- XR-Aluma-Pro™ OR XR<sup>™</sup>-Pistol-Pro 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

*Note: All AlumaFeed systems come set up out of the box to run 3/64-inch* (1.2 mm) 5356 wire.

Order weld cables and other accessories separately.

### 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.







# XR-AlumaFeed<sup>®</sup> SuitCase<sup>®</sup> Wire Feeder

**Profile Pulse**<sup>™</sup> Achieve "stacked dime" weld bead appearance without back-stepping.

**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. They 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.



**Trigger schedule select (SCHD)** allows the operator to select the alternative schedule by quickly tapping the gun trigger when not welding. Useful when switching between two welding parameters is needed.

**Setup guide** on inner panel of feeder has quick tips to get your system up and running quickly. Also provides a good reference that won't get misplaced like an owner's manual.

**Impact-resistant, flame-retardant case** provides strength and durability, while protecting components and welding wire from moisture, dust and other contaminants.

DC

(Use with CC/CV,

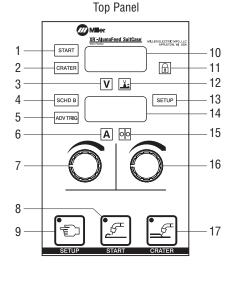
DC power sources.)

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

Input Power	Input Welding Circuit Rating	Wire Feed Speed	Wire Type and Diameter Capacity	Maximum Spool Size Capacity	Dimensions	Net Weight
24 VAC, 5 A, 50/60 Hz	400 A at 100% duty cycle System duty cycle is limited to gun rating	50–900 ipm (1.3–22.9 m/min.)	Aluminum .035–1/16 in. (0.9–1.6 mm) Solid Wire .035–.045 in. (0.9–1.2 mm) Drive roll kit <b>268850</b> required to run 1/16 in. (1.6 mm) wire	12 in. (305 mm)	H: 15.5 in. (394 mm) W:9 in. (229 mm) D: 21 in. (533 mm)	31 lb. (14.1 kg)

# **XR-AlumaFeed SuitCase Control Panel**

- 1. Start Menu Indicator
- 2. Crater Menu Indicator
- 3. Volts Indicator
- 4. Schedule B Indicator
- 5. Advanced Trigger Indicator
- 6. Amps Indicator
- 7. Left Adjust Knob
- 8. Start Button and On Indicator
- 9. Setup Button and On Indicator
- 10. Voltage/Arc Length Display
- 11. Lock Indicator
- **12.** Arc Length Indicator
- 13. Setup Menu Indicator
- 14. Amperage/Wire Feed Speed Display
- 15. Wire Feed Speed Indicator
- 16. Right Adjust Knob
- 17. Crater Button and On Indicator



18. Gun Control Connector

- 19. Jog/Purge Switch
- 20. Remote Connector

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

Power Source	Pulse Capable	Synergic Pulsed MIG	Profile Pulse Capability	Electronic Inductance/SharpArc®	Compatibility
AlumaPower™ 350 and 450 MPa	Yes (Aluminum only)	Yes (Aluminum only)	Yes	Yes	Optimized
Invision <sup>™</sup> 352 and 450 MPa	Yes	Yes	Yes	Yes	Best
XMT <sup>®</sup> 350 and 450 MPa	Yes	Yes	Yes	Yes	Best
XMT <sup>®</sup> 350 and 450 CC/CV	Yes (with Optima)	No	No	Yes	Better
XMT <sup>®</sup> 304 CC/CV	Yes (with Optima)	No	No	Yes	Better
Invision™ 456P	Yes (with Optima)	No	No	Yes	Better
Invision <sup>™</sup> 456MP	Yes	No	No	Yes	Better
Invision <sup>™</sup> 354P	Yes (with Optima)	No	No	Yes	Better
Invision <sup>™</sup> 354MP	Yes	No	No	Yes	Better
Deltaweld® (after KF790532)	No	No	No	No	Good

Note: Power sources not included in this list are not recommended. For specific information, please contact your local Miller distributor.



# **Push-Pull Welding Gun Options**

# **Gooseneck-Style Gun**



# **Pistol Grip Gun**



**Available in 15-, 25- or 35-foot cable lengths** providing extended reach with trouble-free, reliable feeding. Guns are available in either air- or water-cooled versions.

**Replaceable feed cable liner** reduces parts cost and service time by allowing a simple means of removing and replacing liner and not the complete feed cable.

Threaded quick-change 360-degree rotatable head tubes are available in different bends and lengths for even those hard-to-reach welds. Over 30 different styles to fit your application and welder's preference.

**Serviceability.** These guns feature a cable cover with full-length hook-and-loop closure and integrated strain reliefs for easy cable maintenance and protection. Additionally, guns feature easy access to drive assembly and removable toolless head tube to reduce service time by allowing a means of changing drive rolls and head tube, or performing routine maintenance, without disassembly of gun.

**Aluminum-series-specific tension setting** ensures smooth wire feeding performance with 4000 or 5000 series aluminum wires.

# Gun Specifications (Subject to change without notice.)



Model	Welding Current Rating	Wire Feed Speed	Wire Diameter Capacity	Dimensions	Net Weight (Gun only)
XR-Aluma-Pro (air-cooled)	300 A at 100% duty cycle	70–900 ipm (1.8–23 m/min.)	.030–1/16 in. (0.8–1.6 mm) aluminum wire	H: 5 in. (127 mm) W: 2.5. in (64 mm)	2.5 lb. (1.1 kg)
XR-Aluma-Pro (water-cooled)	400 A at 100% duty cycle	dependent on control box or Millermatic® used	Wire kit <b>230708</b> required to run 1/16 in. (1.6 mm) wire	D: 17 in. (432 mm)	2.9 lb. (1.3 kg)
XR-Pistol-Pro (air-cooled)	200 A at 100% duty cycle 250 A at 60% duty cycle	70–900 ipm (1.8–23 m/min.)	.030–1/16 in. (0.8–1.6 mm) aluminum wire	H: 7.375 in. (187 mm) W: 1.875 in. (48 mm)	2.2 lb. (1 kg)
XR-Pistol-Pro (water-cooled)	400 A at 100% duty cycle	dependent on control box or Millermatic <sup>®</sup> used	Wire kit <b>230708</b> required to run 1/16 in. (1.6 mm) wire	D: 10.625 in. (270 mm)	2.4 lb. (1.1 kg)

# **Standard Gun Consumables**

### XR-Aluma-Pro<sup>™</sup> Gun

Aluminum Wire Size	FasTip Contact Tip (Qty. 25)	Drive Rolls	ldler Rolls	Inlet Guides	Liner for Short Air-Cooled Head Tube 4 in. (102 mm)	Liner for Long Air- or Water-Cooled Head Tube 6 in. (152 mm)	Cable Liners
.030 in. (0.8 mm)	206186 .041 in. ID	227434	227439	227408	227161	229674	229887
.035 in. (0.9 mm)	206187 .047 in. ID	227434	227439	227408	227161	229674	15 ft. (4.6 m)
.040 in. (1.0 mm)	206188 .053 in. ID	227434	227439	227408	227161	229674	229891
3/64 in. (1.2 mm)	206189 .061 in. ID	227434	227439	227408	230239	229431	25 ft. (7.6 m)
1/16 in. (1.6 mm)	206191 .071 in. ID	227434	230710	230711	230239	229431	<b>232321</b> 35 ft. (10.6 m)

# XR<sup>™</sup>-Pistol-Pro Gun

Aluminum Wire Size	FasTip Contact Tip (Qty. 25)	Drive Rolls	Idler Rolls	Head Tube Liner 4 in. (102 mm)	Cable Liners
.030 in. (0.8 mm)	206186 .041 in. ID	227434	227439	M1272	M1115
.035 in. (0.9 mm)	206187 .047 in. ID	227434	227439	M1272	15 ft. (4.6 m)
.040 in. (1.0 mm)	206188 .053 in. ID	227434	227439	M1272	248359
3/64 in. (1.2 mm)	206189 .061 in. ID	227434	227439	M1273	25 ft. (7.6 m)
1/16 in. (1.6 mm)	206191 .071 in. ID	227434	230710	M1273	- 248375 35 ft. (10.6 m)



# AlumaPower<sup>™</sup> 350/450 MPa Power Source

# 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. Benefits include easier setup and no more changing wire speed, and then having to go back to the power source to reset the welding output.

### 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<sup>™</sup> 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.



Easy setup for MIG and pulsed MIG applications.

**SharpArc**<sup>®</sup> 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.

Weld Cross Section



### Lightweight, aerospace-grade aluminum case offers protection and the

aluminum case offers protection and the benefit of reduced weight.

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

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

### 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.

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

Wire Type	Gas Type
.035 AL 4043	Ar 100% (argon)
.040 AL 4043	Ar 100% (argon)
3/64 AL 4043	Ar 100% (argon)
1/16 AL 4043	Ar 100% (argon)
.035 AL 5356	Ar 100% (argon)
.040 AL 5356	Ar 100% (argon)
3/64 AL 5356	Ar 100% (argon)
1/16 AL 5356	Ar 100% (argon)
.035 AL49	Ar 100% (argon)
.040 AL49	Ar 100% (argon)
1/16 AL49	Ar 100% (argon)

(450 model is

3-phase only.)

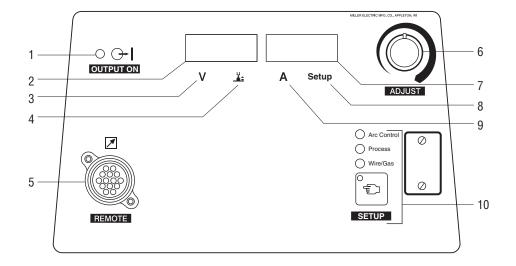
# AlumaPower Specifications (Subject to change without notice.)

Model	Input Power	Amp/Volt Ranges	Rated Output	Rated		Output,	60 Hz 460 V	575 V	KVA	ĸw	Max. Open- Circuit Voltage	Dimensions	Net Weight
AlumaPower 350 MPa	Three- phase	CC mode: 5–425 A CV mode: 10–38 V	350 A at 34 VDC, 60% duty cycle	40.4	36.1	20.6	17.8	14.1	14.2		75 VDC	H: 17 in. (432 mm) W: 12.5 in. (318 mm)	80 lb. (36.3 kg)
	Single- phase	CC mode: 5–425 A CV mode: 10–38 V	300 A at 32 VDC, 60% duty cycle	60.8	54.6	29.7	24.5	19.9	11.7	11.2		D: 24 in. (610 mm)	
AlumaPower 450 MPa	Three- phase	CC mode: 15–600 A CV mode: 10–38 V	450 A at 36.5 VDC, 100% duty cycle		49.4	_	27.2	23.6	21.6 (23.5 on 575 V)	18.3	90 VDC	H: 17.25 in. (438 mm) W: 14.5 in. (368 mm) D: 27.125 in. (689 mm)	122 lb. (55.3 kg)

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



# AlumaPower<sup>™</sup> Control Panel

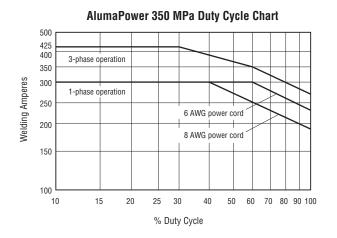


- 1. Output ON Indicator Light
- 2. Left Display
- 3. Voltage Indicator
- 4. Arc Length Indicator
- Wire Feeder Receptacle
   Adjustment Control
- 7. Right Display
- 8. Setup Indicator
- 9. Amperage Indicator
- 10. Setup Indicator Lights Arc Control Indicator

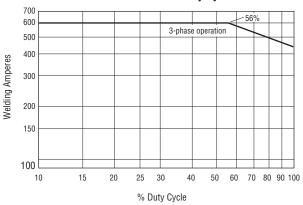
  - Process Indicator
  - Wire/Gas Type Indicator

  - Setup Button

# **Performance Data**



AlumaPower 450 MPa Duty Cycle Chart





# AlumaFeed<sup>®</sup> System Packages

# **Stationary Packages**



AlumaFeed stationary air-cooled package with AlumaPower 350 MPa and XR-Aluma-Pro gun shown.

#### AlumaFeed System Stationary Packages

Stationary display without running gear/cylinder rack.

951838 AlumaPower 350 MPa with 15 ft. (4.6 m) air-cooled XR-Aluma-Pro gun
951834 AlumaPower 350 MPa with 25 ft. (7.6 m) air-cooled XR-Aluma-Pro gun
951836 AlumaPower 350 MPa with 25 ft. (7.6 m) air-cooled XR-Pistol-Pro gun
951842 AlumaPower 450 MPa with 25 ft. (7.6 m) water-cooled XR-Aluma-Pro gun

Packages include:

- AlumaPower<sup>™</sup> 350 (without auxiliary power)
   OR AlumaPower<sup>™</sup> 450 MPa (with 115-volt auxiliary power) power source
- XR-AlumaFeed<sup>®</sup> SuitCase<sup>®</sup> wire feeder
- XR-Aluma-Pro<sup>™</sup> (gooseneck-style) OR XR<sup>™</sup>-Pistol-Pro (pistol-grip-style) push-pull gun
- 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<sup>™</sup> 3 and coolant included with water-cooled package

# **MIGRunner**<sup>™</sup> Packages



### AlumaFeed System MIGRunner Packages

MIGRunner system with running gear/cylinder rack.

951833 AlumaPower 350 MPa with 25 ft. (7.6 m) air-cooled XR-Aluma-Pro gun
951837 AlumaPower 350 MPa with 25 ft. (7.6 m) water-cooled XR-Aluma-Pro gun
951841 AlumaPower 350 MPa with 25 ft. (7.6 m) air-cooled XR-Pistol-Pro gun
951842 AlumaPower 350 MPa with 25 ft. (7.6 m) water-cooled XR-Pistol-Pro gun
951843 AlumaPower 450 MPa with 25 ft. (7.6 m) air-cooled XR-Aluma-Pro gun
951847 AlumaPower 450 MPa with 25 ft. (7.6 m) water-cooled XR-Aluma-Pro gun

Packages include:

- AlumaPower<sup>™</sup> 350 (with 115-volt auxiliary power in water-cooled packages)
   OR AlumaPower<sup>™</sup> 450 MPa (with 115-volt auxiliary power) power source
- XR-AlumaFeed<sup>®</sup> SuitCase<sup>®</sup> wire feeder
- XR-Aluma-Pro<sup>™</sup> (gooseneck-style)
  - OR XR<sup>™</sup>-Pistol-Pro (pistol-grip-style) push-pull gun
- MIGRunner cart
- Industrial MIG 4/0 MIG kit with Dinse-style connectors for AlumaPower 350 MPa OR with lug connectors for AlumaPower 450 MPa (see page 7 for contents) Note: Positive weld cable connection to the feeder requires the ring lug be cut off and replaced with the Tweco-style connector supplied with the XR-AlumaFeed SuitCase feeder.
- 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<sup>™</sup> 3 and coolant included with water-cooled packages



# **Genuine Miller® Accessories**

### Guns



XR-Aluma-Pro<sup>™</sup> Guns
301568 15 ft. (4.6 m), air-cooled
301569 25 ft. (7.6 m), air-cooled
301570 35 ft. (10.6 m), air-cooled
301571 15 ft. (4.6 m), water-cooled
301572 25 ft. (7.6 m), water-cooled
301573 35 ft. (10.6 m), water-cooled
This easy to use and maintain gooseneck-style
MIG gun is designed for push-pull wire feed
systems. Available in air- or water-cooled
versions. Gun design allows for better access
into tight spots. See literature M/1.71.



XR<sup>™</sup>-Pistol-Pro Guns
300782 15 ft. (4.6 m), air-cooled
300783 25 ft. (7.6 m), air-cooled
300784 35 ft. (10.6 m), air-cooled
300786 15 ft. (4.6 m), water-cooled
300787 25 ft. (7.6 m), water-cooled
300788 35 ft. (10.6 m), water-cooled
This easy to use and maintain pistol-grip MIG gun is designed for push-pull wire feed systems.
Available in air- or water-cooled versions.
See literature M/1.74.

#### **Cable Cover**

M168115 ft. (4.6 m)M168225 ft. (7.6 m)M168335 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 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.

### 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.

Note: .052- and 1/16-inch wires not recommended.

### **Phosphorous Bronze Liner**

233999 Long head tube (air or water) 233998 Short head tube (air only) For use with hardwire liner kit **198377** when used in XR-Aluma-Pro gun.

### 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 or XR-Pistol-Pro gun.

#### 1/16-inch (1.6 mm) Drive Roll Kit 268850

Required when running 1/16-inch wires on XR-AlumaFeed<sup>®</sup> SuitCase<sup>®</sup>.



Flowmeter Kit 301306 Includes flowmeter and components required for mounting to the back of the XR-AlumaFeed SuitCase wire feeder.

#### SuitCase Mounting Bracket 301592

Used for mounting the XR-AlumaFeed SuitCase to the MIGRunner cart or other mounting location determined by customer.



# Industrial MIG 4/0 Kit with Dinse Connectors 300405

*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.

Note: Positive weld cable connection to the feeder requires the ring lug be cut off and replaced with the Tweco-style connector supplied with the XR-AlumaFeed SuitCase feeder.

### 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.

Note: Positive weld cable connection to the feeder requires the ring lug be cut off and replaced with the Tweco-style connector supplied with the XR-AlumaFeed SuitCase feeder.

#### **11-Conductor Extension Cables**

**247831025** 25 ft. (7.6 m) **247831050** 50 ft. (15 m) **247831080** 80 ft. (24.3 m)

For XR-AlumaFeed SuitCase feeder. Eleven conductors to support contactor control and remote voltage control on all Miller<sup>®</sup> electronic constant-voltage (CV) 14-pin power sources. Additional functions supported when using MPa power sources include synergic pulsed MIG, remote process select and side select capabilities.

# **Cable Connectors and Adapters**

Note: AlumaPower™ 350 power sources are equipped with Dinse-style connectors for secondary connections.



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.

#### **Dinse-Style Connector Kit**

**042418** Accepts #4 to #1/0 AWG cable size. **042533** Accepts #1/0 to #2/0 AWG cable size. Kit includes one male Dinse-style plug which attaches to the work and/or weld cables and plugs into the Dinse-style receptacles on the power source.

# Extension Kit for Dinse-Style Cable Connectors 042419

Accepts #4 to #1/0 AWG cable size. Used to adapt or extend weld and/or work cables. Kit includes one male Dinse-style plug and one in-line female Dinse-style receptacle.

### **Running Gear**



#### MIGRunner<sup>™</sup> 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

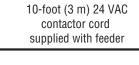
Sold in cases of four one-gallon recyclable plastic bottles. Miller coolants contain a base of ethylene glycol and deionized water to protect against freezing to -37 degrees Fahrenheit (-38°C) or boiling to 227 degrees Fahrenheit (108°C). Also contains a compound that resists algae growth.



# **Typical Installation**

Note: Cords and cables are supplied unless noted otherwise on drawing below. Refer to Owner's Manual for complete installation instructions.

AlumaPower™ 350 or 450 MPa or other compatible power supply (see chart on page 2)





XR-Aluma-Pro™ or XR™-Pistol-Pro push-pull gun

Ŷ

# **Ordering Information**

Power Source and Options	Stock No.	Description	Qty.	Price
AlumaFeed® System Stationary Packages (See page 6 for package details)	951838 951834 951836	350 MPa with 15-foot (4.6 m) air-cooled XR-Aluma-Pro gun 350 MPa with 25-foot (7.6 m) air-cooled XR-Aluma-Pro gun 350 MPa with 25-foot (7.6 m) air-cooled XR-Pistol-Pro gun		
	951842	450 MPa with 25-foot (7.6 m) water-cooled XR-Aluma-Pro gun		
AlumaFeed® System MIGRunner™ Packages (See page 6 for package details)	951833 951837 951841 951835	350 MPa with 25-foot (7.6 m) air-cooled XR-Aluma-Pro gun 350 MPa with 25-foot (7.6 m) water-cooled XR-Aluma-Pro gun 350 MPa with 25-foot (7.6 m) air-cooled XR-Pistol-Pro gun 350 MPa with 25-foot (7.6 m) water-cooled XR-Pistol-Pro gun		
	951840 951867	450 MPa with 25-foot (7.6 m) air-cooled XR-Aluma-Pro gun 450 MPa with 25-foot (7.6 m) water-cooled XR-Aluma-Pro gun		
AlumaPower™ 350 MPa Power Source	907420 907420001	Power source only. 208–575 V with Auto-Line™ Power source only. 208–575 V with Auto-Line™ and auxiliary power		
AlumaPower™ 450 MPa Power Source	907483 907484	Power source only. 230/460 V with auxiliary power Power source only. 575 V with auxiliary power		
XR-AlumaFeed® SuitCase® Wire Feeder	301567	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		
Guns and Gun Accessories				
XR-Aluma-Pro <sup>™</sup> Guns		See page 7		
XR™-Pistol-Pro Guns		See page 7		
Replacement Cable Covers		See page 7		
Drive Rolls and Liners		See page 3		
1/16-inch (1.6 mm) Wire Kit	230708	Required with 1/16-inch drive roll kit below to run 1/16-inch wire		
Feeder and Power Supply Accessories				
XR-AlumaFeed SuitCase 1/16-inch (1.6 mm) Drive Roll Kit	268850	Required with 1/16-inch wire kit above to run 1/16-inch wire		
Flowmeter Kit	301306	See page 7		
SuitCase Mounting Bracket	301597	See page 7		
Industrial MIG 4/0 Kit with Dinse Connectors		See page 7		
11-Conductor Extension Cables		See page 7		
Cable Connectors and Adapters		See page 7		
System Accessories				
MIGRunner™ Cart	195445			
Universal Carrying Cart and Cylinder Rack	042934			
Coolant Systems		See page 7. See literature AY/7.2		

Date:

Distributed by:

**Total Quoted Price:** 

