

# AlumaFeed®

## Synergic Aluminum Welding System

MIG Welding System  
for Aluminum Welding 

### Quick Specs

#### Heavy Industrial Applications

Boat, ship and yacht building  
Recreational vehicles  
Trucks and trailer  
Sign manufacturers  
Emergency vehicles

#### Processes

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

#### XR-AlumaFeed SuitCase

##### Input Power

24 VAC, 5 A, 50/60 Hz

##### Wire Feed Speed

50–900 ipm  
(1.3–22.9 m/min.)

##### Net Weight

31 lb. (14.1 kg)

#### AlumaPower 350 MPa and 450 MPa

##### 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)

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

**NEW!**

*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 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.

#### Comes complete with:

- XR-AlumaFeed® SuitCase® push-pull wire feeder
- AlumaPower™ 350 MPa **OR** 450 MPa power source
- XR-Aluma-Pro™ **OR** XR™-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.

AlumaFeed synergic aluminum welding system also available with XR-Pistol-Pro gun.



#### Miller Electric Mfg. LLC

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#### MillerWelds.com



# XR-AlumaFeed® SuitCase® Wire Feeder

**Profile Pulse™** 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.

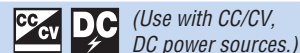


**Trigger schedule select (SCHD)** allows the operator to select the alternative schedule by quickly tapping the gun trigger when not welding. Useful when switching between two welding parameters is needed.

**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.

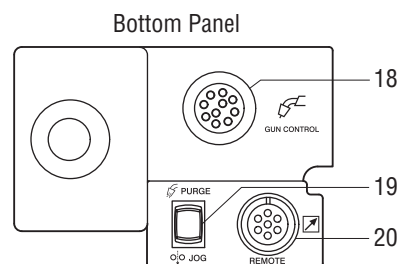
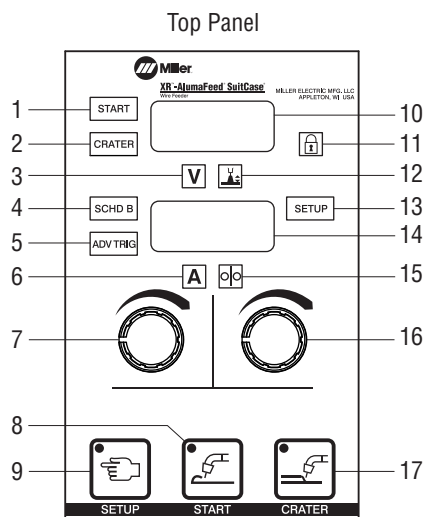
## XR-AlumaFeed SuitCase Specifications (Subject to change without notice.)



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.)	<b>Aluminum</b> .035–1/16 in. (0.9–1.6 mm) <b>Solid Wire</b> .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™ 352 and 450 MPa	Yes	Yes	Yes	Yes	Best
XMT® 350 and 450 MPa	Yes	Yes	Yes	Yes	Best
XMT® 350 and 450 CC/CV	Yes (with Optima)	No	No	Yes	Better
XMT® 304 CC/CV	Yes (with Optima)	No	No	Yes	Better
Invision™ 456P	Yes (with Optima)	No	No	Yes	Better
Invision™ 456MP	Yes	No	No	Yes	Better
Invision™ 354P	Yes (with Optima)	No	No	Yes	Better
Invision™ 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



XR-Aluma-Pro™ Gun

## Pistol Grip Gun



XR™-Pistol-Pro 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.) dependent on control box or Millermatic® used	.030–1/16 in. (0.8–1.6 mm) aluminum wire Wire kit <b>230708</b> required to run 1/16 in. (1.6 mm) wire	H: 5 in. (127 mm) W: 2.5 in. (64 mm) D: 17 in. (432 mm)	2.5 lb. (1.1 kg)
XR-Aluma-Pro (water-cooled)	400 A at 100% duty cycle				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.) dependent on control box or Millermatic® used	.030–1/16 in. (0.8–1.6 mm) aluminum wire Wire kit <b>230708</b> required to run 1/16 in. (1.6 mm) wire	H: 7.375 in. (187 mm) W: 1.875 in. (48 mm) D: 10.625 in. (270 mm)	2.2 lb. (1 kg)
XR-Pistol-Pro (water-cooled)	400 A at 100% duty cycle				2.4 lb. (1.1 kg)

## Standard Gun Consumables

### XR-Aluma-Pro™ Gun

Aluminum Wire Size	FasTip Contact Tip (Qty. 25)	Drive Rolls	Idler 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)	<b>206186</b> .041 in. ID	<b>227434</b>	<b>227439</b>	<b>227408</b>	<b>227161</b>	<b>229674</b>	<b>229887</b>
.035 in. (0.9 mm)	<b>206187</b> .047 in. ID	<b>227434</b>	<b>227439</b>	<b>227408</b>	<b>227161</b>	<b>229674</b>	15 ft. (4.6 m)
.040 in. (1.0 mm)	<b>206188</b> .053 in. ID	<b>227434</b>	<b>227439</b>	<b>227408</b>	<b>227161</b>	<b>229674</b>	<b>229891</b>
3/64 in. (1.2 mm)	<b>206189</b> .061 in. ID	<b>227434</b>	<b>227439</b>	<b>227408</b>	<b>230239</b>	<b>229431</b>	25 ft. (7.6 m)
1/16 in. (1.6 mm)	<b>206191</b> .071 in. ID	<b>227434</b>	<b>230710</b>	<b>230711</b>	<b>230239</b>	<b>229431</b>	<b>232321</b>
							35 ft. (10.6 m)

### XR™-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)	<b>206186</b> .041 in. ID	<b>227434</b>	<b>227439</b>	<b>M1272</b>	<b>M1115</b>
.035 in. (0.9 mm)	<b>206187</b> .047 in. ID	<b>227434</b>	<b>227439</b>	<b>M1272</b>	15 ft. (4.6 m)
.040 in. (1.0 mm)	<b>206188</b> .053 in. ID	<b>227434</b>	<b>227439</b>	<b>M1272</b>	<b>248359</b>
3/64 in. (1.2 mm)	<b>206189</b> .061 in. ID	<b>227434</b>	<b>227439</b>	<b>M1273</b>	25 ft. (7.6 m)
1/16 in. (1.6 mm)	<b>206191</b> .071 in. ID	<b>227434</b>	<b>230710</b>	<b>M1273</b>	<b>248375</b>
					35 ft. (10.6 m)

# AlumaPower™ 350/450 MPa Power Source

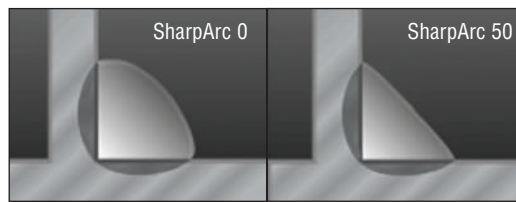
**MPa: M (MIG), P (Pulse), a (Advanced Arc Control).** Advanced arc control enables an improved pulse welding arc. The operator has more control over puddle and bead characteristics using SharpArc. In addition, the unit provides a more robust and stable arc at very low arc length, reducing heat input, 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.



**Easy setup** for MIG and pulsed MIG applications.

**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.

Weld Cross Section



**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.

**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)

## AlumaPower Specifications (Subject to change without notice.)

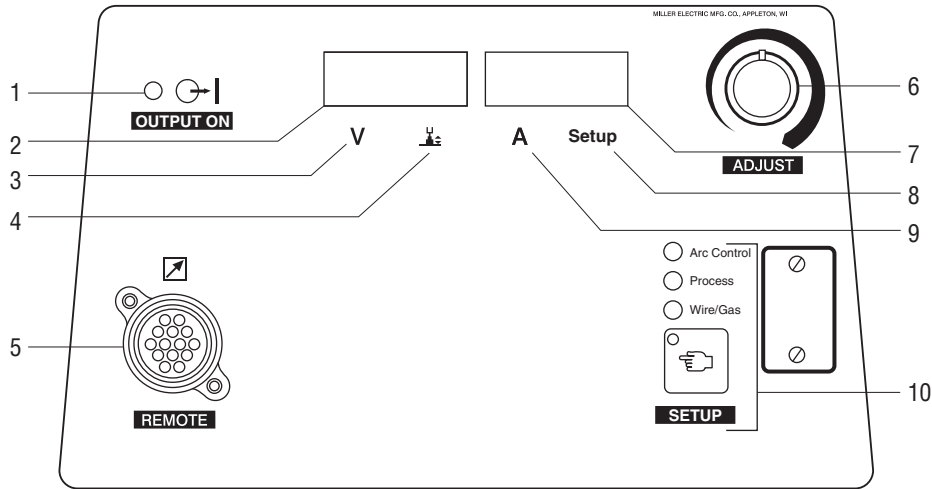
CC CV DC 3 Phase 1 Phase (450 model is 3-phase only.)

Model	Input Power	Amp/Volt Ranges	Rated Output	Amps Input at Rated Load Output, 60 Hz 208 V 230 V 400 V 460 V 575 V	KVA	KW	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	13.6	75 VDC	H: 17 in. (432 mm) W: 12.5 in. (318 mm) D: 24 in. (610 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			
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.



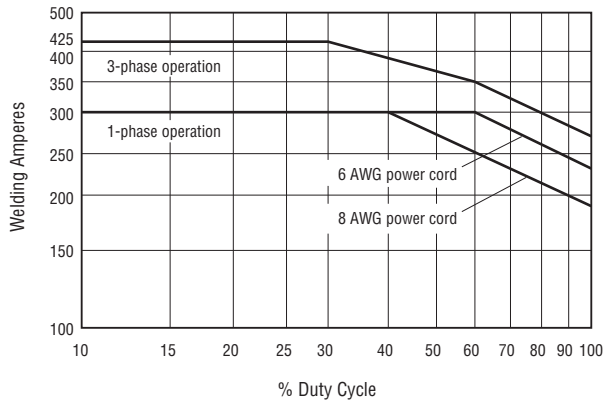
# AlumaPower™ Control Panel



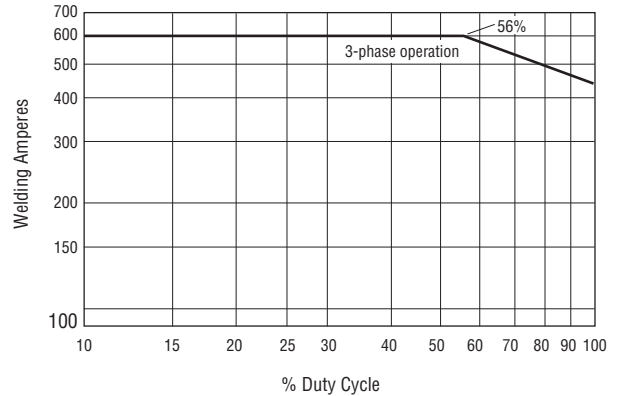
1. Output ON Indicator Light
2. Left Display
3. Voltage Indicator
4. Arc Length Indicator
5. Wire Feeder Receptacle
6. Adjustment Control
7. Right Display
8. Setup Indicator
9. Amperage Indicator
10. Setup Indicator Lights
  - Arc Control Indicator
  - Process Indicator
  - Wire/Gas Type Indicator
 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

## Performance Data

**AlumaPower 350 MPa Duty Cycle Chart**



**AlumaPower 450 MPa Duty Cycle Chart**



# AlumaFeed® 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™ 350 (without auxiliary power)  
OR AlumaPower™ 450 MPa (with 115-volt auxiliary power) power source
- XR-AlumaFeed® SuitCase® wire feeder
- XR-Aluma-Pro™ (gooseneck-style)  
OR XR™-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™ 3 and coolant included with water-cooled package

## MIGRunner™ Packages



AlumaFeed MIGRunner package with AlumaPower 350 MPa and XR-Aluma-Pro gun shown.

### 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
- 951835** AlumaPower 350 MPa with 25 ft. (7.6 m) water-cooled XR-Pistol-Pro gun
- 951840** AlumaPower 450 MPa with 25 ft. (7.6 m) air-cooled XR-Aluma-Pro gun
- 951867** AlumaPower 450 MPa with 25 ft. (7.6 m) water-cooled XR-Aluma-Pro gun

Packages include:

- AlumaPower™ 350 (with 115-volt auxiliary power in water-cooled packages)  
OR AlumaPower™ 450 MPa (with 115-volt auxiliary power) power source
- XR-AlumaFeed® SuitCase® wire feeder
- XR-Aluma-Pro™ (gooseneck-style)  
OR XR™-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™ 3 and coolant included with water-cooled packages

# Genuine Miller® Accessories

## Guns



### XR-Aluma-Pro™ 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™-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

- M1681** 15 ft. (4.6 m)
- M1682** 25 ft. (7.6 m)
- M1683** 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 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® SuitCase®.



### 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® 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™ 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

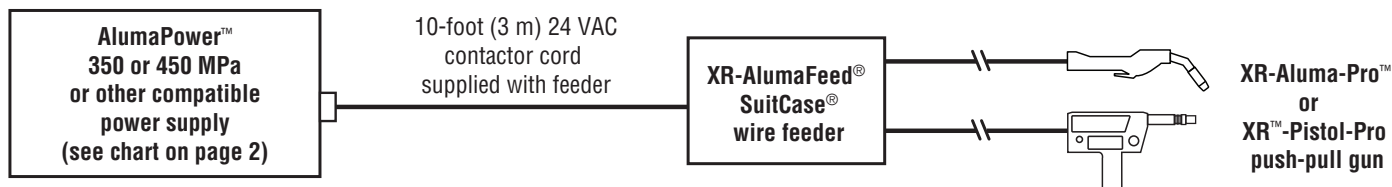
For use with water-cooled torches rated up to 600 amps. Tough molded polyethylene case with carrying handle.

### 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.



## Ordering Information

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

Date:

Total Quoted Price:

Distributed by:

