Deltaweld® 350 Systems

MIG WELDING SYSTEMS

TPS *WeldTech*

Issued Nov. 2023 • Index No. DC/16.5

The standard in manufacturing for welders of all skill levels, with Intellx™ wire feeder options that deliver application specific benefits.

Dedicated wire feeder options

- Intellx Basic feeder with arc control means welders can produce better welds with minimal parameter adjustments.
- Intellx Pro feeder adds EZ-Set, Accu-Pulse®, memory buttons and steel and stainless weld programs.
- Intellx Elite feeder adds additional weld programs, intuitive display with on-demand graphics and more control.

Easy to use

EZ-Set simplifies parameter setup based on material thickness, removing complexity.

WFS
MATERIAL THICKNESS

Pulse capable

Accu-Pulse offers a more forgiving arc and compensates for variations in operator technique, providing a wider operating window.

Ready to weld

Reduce the time and hassle of setting up welding systems. Make your move to a weld-ready Deltaweld MIGRunner™.

Insight

Optional Welding Intelligence™ weld monitoring system. Get more done, produce higher-quality welds and control costs. See page 6 for more information.

SUPERIOR **ARC** PERFORMANCE

EASY TO **SET UP** AND USE

INTEGRATED PACKAGE

Accu-Pulse™ **28**% WIDER OPERATING WINDOW
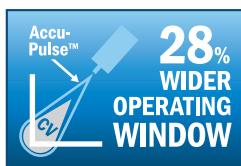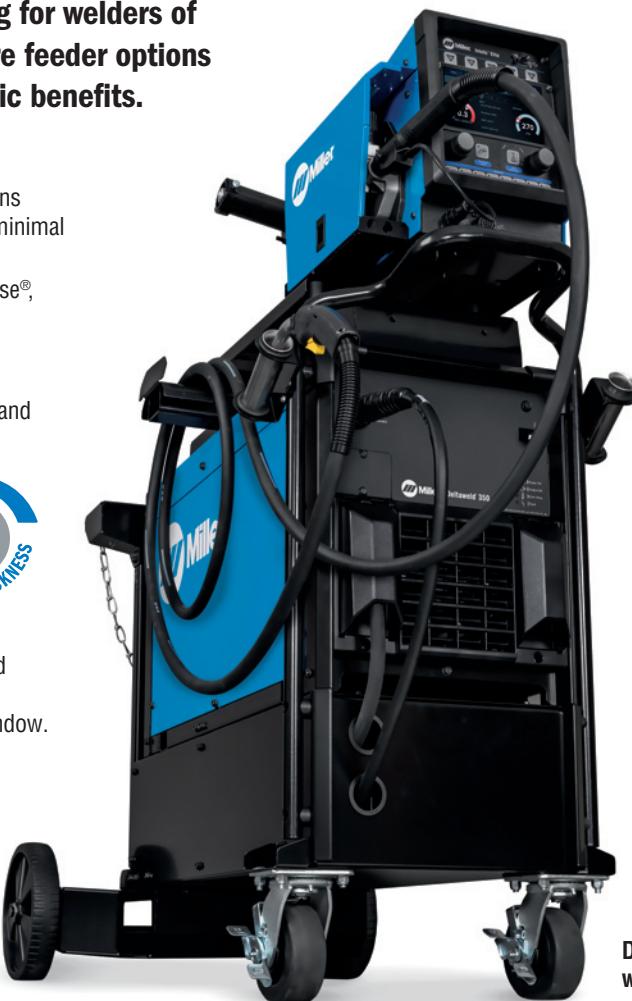
Deltaweld 350 MIGRunner™ with Intellx™ Elite feeder shown.

TRUE BLUE® 3 YR. WARRANTY

Power source is warrantied for three years, parts and labor.
Original main power rectifier parts are warrantied for five years.
Gun warrantied for 90 days, parts and labor.

Deltaweld® 350 Features

Quality-engineered cable management protects your connections to keep you productive.

Deltaweld 350 with Insight

Wind Tunnel Technology™. Internal air flow that protects electrical components and PC boards from dirt, dust, debris — greatly improving reliability.

Fan-On-Demand™ operates only when needed reducing noise, power consumption, and the amount of airborne contaminants pulled through the machine.

ArcConnect™ is a next generation communication that utilizes high speed signals to improve weld performance and allow point-of-use controls to be located at the feeder.

Backwards compatibility. Models are available with both ArcConnect and the standard Miller® 14-pin for use with older Miller® wire feeders.

Deltaweld 350 with meters, 14-pin receptacle and Insight

Standard 115-volt auxiliary power provides 15 amps of circuit-breaker-protected power.

Intellx™ Feeder Features

Balanced-pressure drive-roll design and tensioners feed wire in its truest and straightest form for consistent feedability, resulting in better welding performance.

Accu-Mate™ connection aligns the gun perfectly in the drive-roll carrier — preventing the gun from being pulled loose and providing consistent wire feeding.

Drive rolls and guides are common with other Miller® industrial feeders (use existing, not new parts).

Inlet guide and intermediate guide installation is toolless.

Rotatable drive assembly allows operator to rotate the drive, eliminating severe bends in the wire feed path. This extends gun-liner life and aids in feeding difficult wires.

Single-wire feeder swivels for convenience and function, eliminating wear on gun and liner assembly. It moves with the MIG gun, allowing operator to see the front of the feeder and which parameters are selected.

Memory buttons for quick program recall

Display and controls for volts/arc length, wire feed speed, and EZ-Set (if selected)

Arc control to fine tune the welding arc

LCD setup screen for easy selection of welding processes

Jog and purge button

Trigger hold, trigger select, preflow and postflow buttons

Intellx Pro single-wire feeder

Soft keys to easily navigate menus

Full-color LCD screen to simplify the setup and operation of a fully featured feeder

Arc control to fine tune welding arc

Memory buttons for quick program recall

Trigger connections for standard MIG gun and XR-Aluma-Pro™ Plus and XR™-Pistol Plus push-pull guns

Intellx Elite single-wire feeder

Dual-wire models allow two different wire types to be available on one feeder, avoiding downtime from changing spools and drive rolls.

Intellx™ Feeders Comparison

Feature	Intellx™ Basic Feeder	Intellx™ Pro Feeder	Intellx™ Elite Feeder
Digital meters	■	■	Full color LCD
Remote voltage	■	■	■
Wire feed speed	■	■	■
Arc control	■	■	■
Trigger hold	■	■	■
Wire jog and purge	■	■	■
Wire feed speed feedback	■	■	■
Four drive rolls	■	■	■
Rotatable drive	■	■	■
Up to 60 lb. spool	■	■	■
Dual-wire models	■	■	■
MIG process	■	■	■
Insight Core™ compatible*	■	■	■
Insight Centerpoint™ Basic compatible*	■	■	■
EZ-Set MIG		■	■
EZ-Set Accu-Pulse®		■	■
Trigger select		■	■
Preflow and postflow		■	■
Memory slots		2	8
Out-of-box steel programs		■	■
Out-of-box stainless programs		■	■
Out-of-box aluminum programs			■
Out-of-box nickel programs			■
Out-of-box copper nickel programs			■
Out-of-box silicon bronze programs			■
Out-of-box titanium programs			■
EZ-Set high-deposition MIG			■
EZ-Set RMD®			■
XR™ Plus push-pull gun compatible			■
Profile Pulse™			■
Weld sequence control			■
Trigger dual schedule			■
Dual schedule switch support			■
Parameter limits			■
Memory lockouts			■
System lock			■
Wire retract			■
Auto thread and auto purge			■
Insight Centerpoint™ Premium compatible*			■

Insight module required.

Processes include:
- MIG
- EZ-Set MIG
  (Intellx Pro and Intellx Elite)
- EZ-Set Accu-Pulse
  (Intellx Pro and Intellx Elite)
- EZ-Set High-deposition MIG
  (Intellx Elite)
- EZ-Set RMD®
  (Intellx Elite)

WFS / MATERIAL THICKNESS
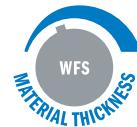
Intellx Pro and Intellx Elite feeder programs include:
- Different wire sizes
- Different gas types
- Flux-cored
- Metal-cored
- Steel
- Stainless steel

Additional Intellx Elite feeder programs include:
- Aluminum
- Nickel
- Copper nickel
- Silicon bronze
- Titanium

Deltaweld® 350 System Processes

MIG
- Lower spatter than traditional MIG welders
- Better arc performance with silicon bronze and coated materials

Accu-Pulse®*
- The most popular process for majority of industrial welding applications
- Most adaptive arc on 16 gauge (1.6 mm) and thicker
- Designed for all weld positions

High-deposition MIG (HD MIG)**
- Higher deposition rates than standard spray transfer on thicker materials
- Designed for welding applications in which spray transfer is preferred

RMD®**
- Lowest heat process, best for gap handling
- Limited travel speed

Best For	Standard Spray	HD MIG**	Accu-Pulse*	Short Circuit	RMD**
Deposition	A	A	A	D	D
Gap filling	D	D	B	A	A
Low heat input	D	C	B	A	A
Out-of-position welds			A	B	B
Low spatter	A	A	A	C	B
Thick metals	A	A	A	D	D
Thin metals			B	A	A
Increased travel speed	A	A	A	B	C

HOT ➡ COLD

Ratings A, B, C, and D are relative values. An "A" rating indicates a best fit between your performance needs and process. A "blank" rating indicates that the process is not recommended for that application.

*With Intellx™ Pro and Intellx™ Elite feeders.   **With Intellx™ Elite feeders.

Deltaweld® 350 Specifications (Subject to change without notice.)

CV DC 3 Phase

Mode	Amp/Volt Ranges	Rated Output	Amps Input at Rated Output, 60 Hz, 3-Phase						Dimensions (Includes lift eye)	Net Weight
			208 V	230 V	460 V	575 V	KVA	KW		
MIG (GMAW)	10–38 V	300 A at 29 VDC, 100% duty cycle	29.3	26.5	14.6	—	11.6	10.0	H: 22.36 in. (568 mm) W: 15.35 in. (390 mm) D: 29.15 in. (740 mm)	115 lb. (52.2 kg)
		350 A at 31.5 VDC, 60% duty cycle	36.7	33.4	18.1	—	14.5	12.5		
		425 A at 35.25 VDC, 30% duty cycle	50.0	45.1	23.1	—	18.5	16.9		

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

Intellx™ Feeder Specifications (Subject to change without notice.)

CV DC

Input Power	Welding Power Source	Input Welding Circuit Rating	Wire Feed Speed	Wire Diameter Capacity	Maximum Spool Size Capacity	Dimensions (H x W x D)	Net Weight
50 VDC	Deltaweld 350 or 500	600 A at 113 VDC, 60% duty cycle	50–780 ipm (1.3–19.8 m/min.)	.023–5/64 in. (0.6–2.0 mm) Elite model only: Aluminum: .035–1/16 in. (0.9–1.6 mm)	18 in. (457 mm) 60 lb. (27 kg)	Single-wire: 16.25 x 12.38 x 27.88 in. (413 x 314 x 708 mm) Dual-wire: 14 x 18 x 34.5 in. (356 x 457 x 876 mm)	Single-wire: 44.8 lb. (20.3 kg) Dual-wire: 77 lb. (34.9 kg)

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

Deltaweld® 350 Performance Data

Duty Cycle Chart

Welding Amperes vs % Duty Cycle
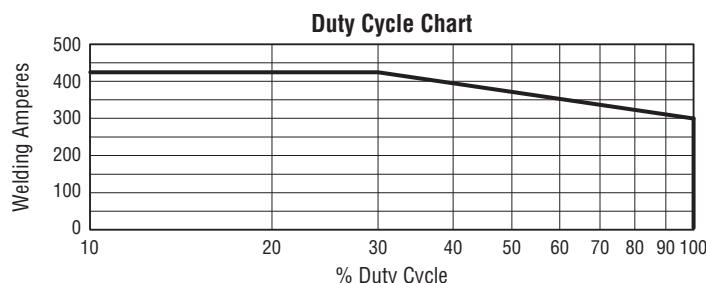
Insight Welding Intelligence™

With an Insight weld monitoring system you can get more done, produce higher-quality welds and control costs.

Insight Core™

Insight Core is an easy-to-use welding information solution that gives visibility into your operation so you can improve productivity.

- **Measure welding productivity.** See each welder's arc-on time to set baselines, plan improvements and measure goals.
- **View easy-to-understand reports.** Dashboards show trends and develop reports. Compare welders, cells and plants.
- **Identify welding costs.** Make improvements to reduce expenses.
- **Easily install and use.** Just connect it to the internet. View secure data on any web-connected device anywhere.

Insight Centerpoint™ (Purchased license(s) of Centerpoint required.)

On-premises application providing productivity/utilization metrics, capture of welding parameters, operator weld sequence governance, and integration with enterprise IIoT solutions. Scalable to end user needs.

- **Measure welding productivity.** See each welder's arc-on time to set baselines and plan improvements. Capture activities to understand downtime reasons.
- **Govern operator tasks.** Through an easy-to-use operator interface direct welding and non-welding tasks to follow standard work practices, reduce out of sequence welds, and prevent missing welds.
- **Reduce training costs.** Utilize Centerpoint as the "Digital Mentor" to train new welders on proper production steps freeing up senior personnel for more productive activities.
- **Configure weld process remotely.** Full fleet management allows configuration of Deltaweld settings from Centerpoint.

Modes of operation
- **Basic mode** included at no cost.
- **Premium mode** requires a purchased capability key for each Deltaweld.

301485	Centerpoint v10 Single License
301703	Centerpoint Basic Capability Activation
301490	Centerpoint Premium Capability Activation

Centerpoint Configuration Stations

Centerpoint Local Stations

Centerpoint Local Station

Centerpoint Central Station

SQL Server (Optional)

Consumer Stations

MQTT
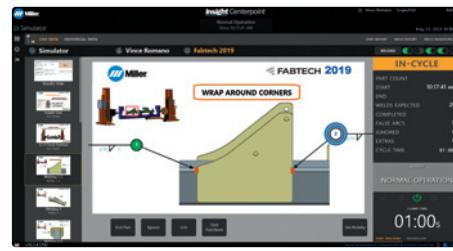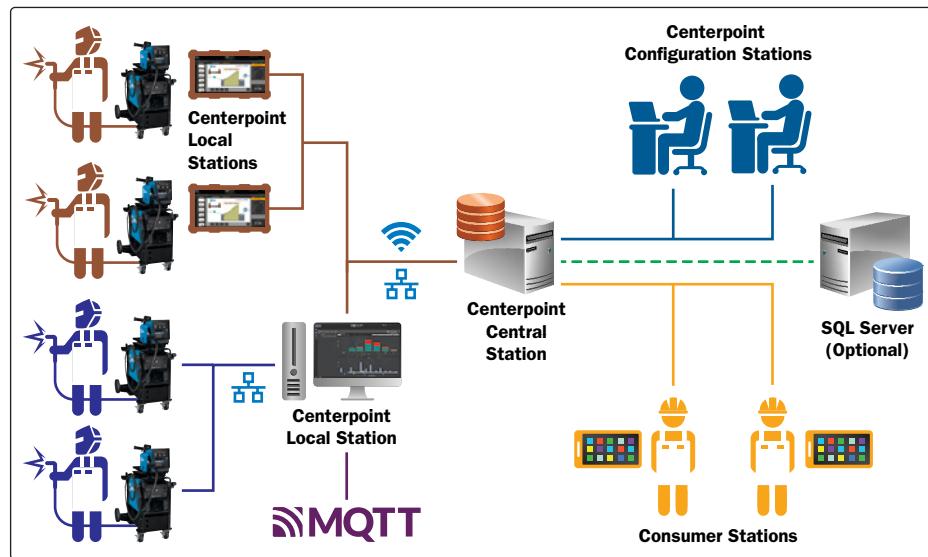
▲ *Premium mode*   ▼ *Basic mode*
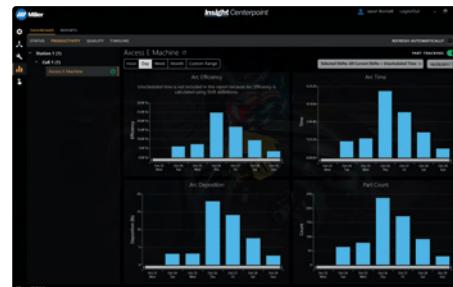
Deltaweld® 350 MIGRunner™ Packages

951792001 package shown

Deltaweld 350 MIGRunner Packages with Intellx™ Basic Feeder

951792001   MIGRunner with single-wire Intellx Basic
951817001   MIGRunner with dual-wire Intellx Basic

Packages include:

- Deltaweld power source (907747) with factory-installed running gear with cable holder, gun holders and chains for gas cylinders
- Intellx Basic single- **OR** dual-wire feeder
- 15 ft. (4.6 m) Bernard® BTB Gun 400 A (two with dual-wire feeder) with AccuLock™ consumables
- Cart accessory kit for single- or dual-wire feeders consisting of flowmeter regulator with 5 ft. (1.5 m) gas hose (two with dual-wire feeder), 10 ft. (3 m) 4/0 feeder weld cable with lugs, 15 ft. (4.6 m) work cable with 600-amp C-clamp, and 9 ft. (2.7 m) ArcConnect control/motor cable
- .035/.045 in. V-groove drive rolls
- Quick-setup guide and video

951777001 package shown

Deltaweld 350 MIGRunner Packages with Intellx™ Pro Feeder

951777001   MIGRunner with single-wire Intellx Pro
951825001*   MIGRunner with Insight and single-wire Intellx Pro
951818001   MIGRunner with dual-wire Intellx Pro

Packages include:

- Deltaweld power source (907747, or 907747002 on Insight package) with factory-installed running gear with cable holder, gun holders and chains for gas cylinders
- Intellx Pro single- **OR** dual-wire feeder
- 15 ft. (4.6 m) Bernard® BTB Gun 400 A (two with dual-wire feeder) with AccuLock™ consumables
- Cart accessory kit for single- or dual-wire feeders consisting of flowmeter regulator with 5 ft. (1.5 m) gas hose (two with dual-wire feeder), 10 ft. (3 m) 4/0 feeder weld cable with lugs, 15 ft. (4.6 m) work cable with 600-amp C-clamp, and 9 ft. (2.7 m) ArcConnect control/motor cable
- .035/.045 in. V-groove drive rolls
- Quick-setup guide and video

*Includes Insight Core™ and Insight Centerpoint™ Basic mode. Insight Centerpoint Basic mode requires Centerpoint license(s).

951948001 package shown

Deltaweld 350 MIGRunner Packages with Intellx™ Elite Feeder

951946001   MIGRunner with single-wire Intellx Elite
951947001** MIGRunner with Insight and single-wire Intellx Elite
951948001   MIGRunner with dual-wire Intellx Elite
951952001   MIGRunner with single-wire Intellx Elite and push-pull gun
951953001   MIGRunner with dual-wire Intellx Elite and push-pull gun

Packages include:

- Deltaweld power source (907747, or 907747002 on Insight package) with factory-installed running gear with cable holder, gun holders and chains for gas cylinders
- Intellx Elite single- **OR** dual-wire feeder
- Push-only gun packages: 15 ft. (4.6 m) Bernard® BTB Gun 400 A (two with dual-wire feeder) with AccuLock™ consumables
- Push-pull gun packages: 25 ft. (7.6 m) XR-Aluma-Pro Plus push-pull gun (and 15 ft. [4.6 m] Bernard® BTB Gun 400 A with AccuLock™ consumables on dual-wire feeder)
- Cart accessory kit for single- or dual-wire feeders consisting of flowmeter regulator with 5 ft. (1.5 m) gas hose (two with dual-wire feeder), 10 ft. (3 m) 4/0 feeder weld cable with lugs, 15 ft. (4.6 m) work cable with 600-amp C-clamp, and 9 ft. (2.7 m) ArcConnect control/motor cable
- Push-only gun packages: .035/.045 in. V-groove drive rolls
- Push-pull gun packages: .035/.047 U-groove drive rolls (and .035/.045 in. V-groove drive rolls with dual-wire feeder)
- Quick-setup guide and video

**Includes Insight Core™ and Insight Centerpoint™ Basic mode. Insight Centerpoint Basic mode requires Centerpoint license(s). Optional Insight Centerpoint Premium (301490) can be added for use with Intellx Elite feeder/ROI.

Genuine Miller® Accessories

Deltaweld 350/500 Running Gear 301523
Features small footprint, dual-cylinder rack, chains for gas cylinders, ergonomic handle design and lockable front casters with two torch holders, and storage area below.

Cart Accessory Kit   301528
Single-wire feeder kit for use with running gear 301523. See note below for dual-wire feeder kit. Consists of flowmeter regulator with 5-foot (1.5 m) gas hose, 10-foot (3 m) 4/0 feeder weld cable with lugs, 15-foot (4.6 m) work cable with 600-amp C-clamp, and 9-foot (2.7 m) ArcConnect control/motor cable. Dual kit comes with an additional flowmeter regulator and gas hose.

*Note: For dual-wire feeder kit both **301528** and **301579** are required.*

Stationary Handle Kit   301529
Allows easy movement and portability of the power source.
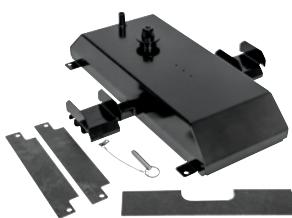
Feeder Swivel Kit   301533
For single- and dual-wire feeders. Allows feeder to mount to the top of Deltaweld.

*Note: **ONLY** the single-wire feeder can swivel.*

Hanging Bail   058435
Used for suspending feeder over work area.

Spool Covers
057607 For single-wire feeders and left side of dual-wire feeders
090389 For right side of dual-wire feeders
For 12-inch (305 mm) spool.
Note: Spool covers cannot be installed if the wire drive assembly is in a rotated position.

Spool Adapter   047141
For use with 14-pound (6.4 kg) spool of Lincoln self-shielding wire.

Wire Reel Assembly   108008
For 60-pound (27 kg) coil of wire.

Reel Covers
195412 For single-wire feeders and left side of dual-wire feeders
091668 For right side of dual-wire feeders
For 60-pound (27 kg) coil. Helps to protect the welding wire from dust and other contaminants.
Note: Reel covers cannot be installed if the wire drive assembly is in a rotated position.

ArcConnect Control/Motor Cables
280471009 9 ft. (2.7 m)
280471015 15 ft. (4.6 m)
280471025 25 ft. (7.6 m)
280471050 50 ft. (15.2 m)
280471075 75 ft. (22.9 m)
280471100 100 ft. (30.5 m)
280471150 150 ft. (45.7 m)
Connects power source directly to feeder or remote operator interface.

Note: Cables cannot be joined together to create longer lengths and extension cables are not available.

Work Sense Leads (volt sense)
300461 25 ft. (7.6 m)
300462 50 ft. (15.2 m)
When connected from the back of the wire feeder to the workpiece, the work sense lead provides accurate voltage feedback on the wire feeder display, and compensates for any voltage drop from the weld cables.

Coolant Systems

For more information see literature AY/7.2.

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

Coolmate™ 3.5   300245 115 V
Industrial, 3.5-gallon cooler designed for water-cooled torches rated up to 600 amps.

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.

XR™ Plus Push-Pull Guns (ONLY for use with Intellx™ Elite feeder, Elite ROI/remote wire drive or Elite Swingarc™ boom-mounted feeder.)

XR-Aluma-Pro Plus

XR-Pistol Plus

XR-Aluma-Pro™ Plus Guns
Air-Cooled
301575 15 ft. (4.6 m)
301574 25 ft. (7.6 m)
301739 35 ft. (10.7 m)
Water-Cooled
301576 15 ft. (4.6 m)
301577 25 ft. (7.6 m)
301740 35 ft. (10.7 m)

XR™-Pistol Plus Guns
Air-Cooled
300753 15 ft. (4.6 m)
300754 25 ft. (7.6 m)
Water-Cooled
300757 25 ft. (7.6 m)

Available in air- or water-cooled versions in multiple lengths for extended reach with trouble-free, reliable feeding.

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

Replaceable feed cable liner is designed to provide consistent arc performance. It also reduces parts cost and service time by allowing a simple means of removing and replacing liner and not the complete feed cable.

Isolated common knurled drive roll helps reduce wear, reducing down time and cost.

Easy-to-rotate self-seating head tube allows for better access into tight spots, providing excellent current transfer.

Serviceability. These guns feature a full-length hook-and-loop seamed leather jacket with integrated strain reliefs for easy cable maintenance and protection. Additionally, the Aluma-Pro Plus guns feature quick connections between the control cable and electrical components (trigger, motor, potentiometer).

Specifications (Subject to change without notice.)

Model	Welding Current Rating	Wire Feed Speed	Wire Type and Diameter Capacity	Dimensions	Net Weight (Gun only)
XR-Aluma-Pro Plus (Air-cooled)	300 A at 100% duty cycle	70–900 ipm (1.8–23 m/min.) dependent on feeder used	.030–1/16 in. (0.8–1.6 mm) aluminum 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 Plus (Water-cooled)	400 A at 100% duty cycle	70–900 ipm (1.8–23 m/min.)	Requires gun wire kit **230708** to run 1/16 in. (1.6 mm) wire		2.9 lb. (1.3 kg)
XR-Pistol Plus (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) D: 10.625 in. (270 mm)	2.2 lb. (1 kg)
XR-Pistol Plus (Water-cooled)	400 A at 100% duty cycle		Requires gun wire kit **230708** to run 1/16 in. (1.6 mm) wire		2.4 lb. (1.1 kg)

(CSA) *Certified by Canadian Standards Association to both the Canadian and U.S. Standards.* **CE** *Conforms to European standards.*

Note: XR Plus guns are only compatible with MPa Plus feeder, Intellx Elite feeder, Intellx Elite ROI/remote wire drive or Intellx Elite Swingarc boom-mounted feeder.

Drive Roll Kits and Guides

Select drive roll kits from chart below according to type and wire size being used. Drive roll kits include four drive rolls, necessary guides and feature an anti-wear sleeve for inlet guide.

Wire Size	V-groove for hard wire	U-groove for soft wire or soft-shelled cored wires	V-knurled for hard-shelled cored wires	U-cogged for extremely soft wire or soft-shelled cored wires (i.e., hard facing types)
.023/.025 in. (0.6 mm)	087132	—	—	—
.030 in. (0.8 mm)	046780	—	—	—
.035 in. (0.9 mm)	046781	044750	046792	—
.035 and .045 in. (0.9 and 1.2 mm)	227061*	244293**	—	—
.040 in. (1.0 mm)	191917	—	—	—
.045 in. (1.1/1.2 mm)	046782	046785	046793	083319
.052 in. (1.3/1.4 mm)	046783	046786	046794	—
1/16 in. (1.6 mm)	046784	046787	046795	046800
.068/.072 in. (1.8 mm)	—	—	—	—
5/64 in. (2.0 mm)	—	046788	046796	046801

*Included with Intellx feeders. Drive roll is dual-size reversible with one .035-inch and one .045-inch groove.

**Included with aluminum packages. Drive roll is dual-size reversible with one .035-inch and one .045-inch groove which also accommodates .047-inch (3/64-inch) wire.

Wire Guides

Wire Size	Inlet Guide	Intermediate Guide
.023–.040 in. (0.6–1.0 mm)	221030	056206
.045–.052 in. (1.2–1.3 mm)	221030	056207
1/16–5/64 in. (1.6–2.0 mm)	221030	056209
5/64–1/8 in. (2.0–3.2 mm)	229919	056211

Note: When ordering hard wire kits, retain factory-supplied inlet guide.

Nylon Guides for Feeding Aluminum

Wire Size	Inlet Guide and Intermediate Guide Kits
.035 in. (0.9 mm)	293928
.047 in. (1.2 mm)	293929
1/16 in. (1.6 mm)	293930

*Note: U-groove drive rolls are recommended when feeding aluminum wire.*

# Typical Deltaweld® 350 System Installations

Standard installation

Single-wire feeder with Bernard® BTB MIG gun

3 Intellx™ Basic, Pro or Elite feeder

Use with XR™ Plus push-pull gun REQUIRES Intellx Elite feeder.

1 Deltaweld power source

2 ArcConnect control/motor cable (one required)

Dual-wire feeder with two Bernard® BTB MIG guns

Remote wire drive installations
Ideal for fixed automation and boom applications where the wire drive motor is installed/controlled remotely.

Single-wire model

Bernard BTB MIG gun installation

4 Intellx Basic or Pro remote operator interface (ROI)

2 ArcConnect control/motor cable*

5 Intellx single-wire remote wire drive

Bernard® BTB MIG gun

1 Deltaweld power source

2 ArcConnect control/motor cable*

Dual-wire model

2 ArcConnect control/motor cable*

5 Intellx dual-wire remote wire drive

6 Bernard® BTB MIG guns

Single-wire model

XR™ Plus push-pull gun installation — REQUIRES Elite ROI and Elite remote wire drive

4 Intellx Elite remote operator interface (ROI)

2 ArcConnect control/motor cable*

5 Intellx Elite single-wire remote wire drive

6 Bernard® BTB MIG gun or XR™ Plus push-pull gun

1 Deltaweld power source

2 ArcConnect control/motor cable*

Dual-wire model

2 ArcConnect control/motor cable*

5 Intellx Elite dual-wire remote wire drive

6 Bernard® BTB MIG gun(s) and/or XR™ Plus push-pull gun

Remote wire drive installations require two total control/motor cables.

Swingarc™ boom-mounted installation
Accommodates a wide variety of semi-automatic applications, including large weldments and hard-to-reach areas.

Optional* single/dual spool carrier (for 6 ft. pipe post only)

Required* pipe post
Optional* Swingpak base

Use with XR™ Plus push-pull gun REQUIRES Intellx Elite Swingarc.

1 Deltaweld power source

2 ArcConnect control/motor cable (one required)

8 Pipe post and optional Swingpak™ base

7 Intellx Pro or Elite single- or dual-wire Swingarc with Bernard® BTB MIG gun(s)
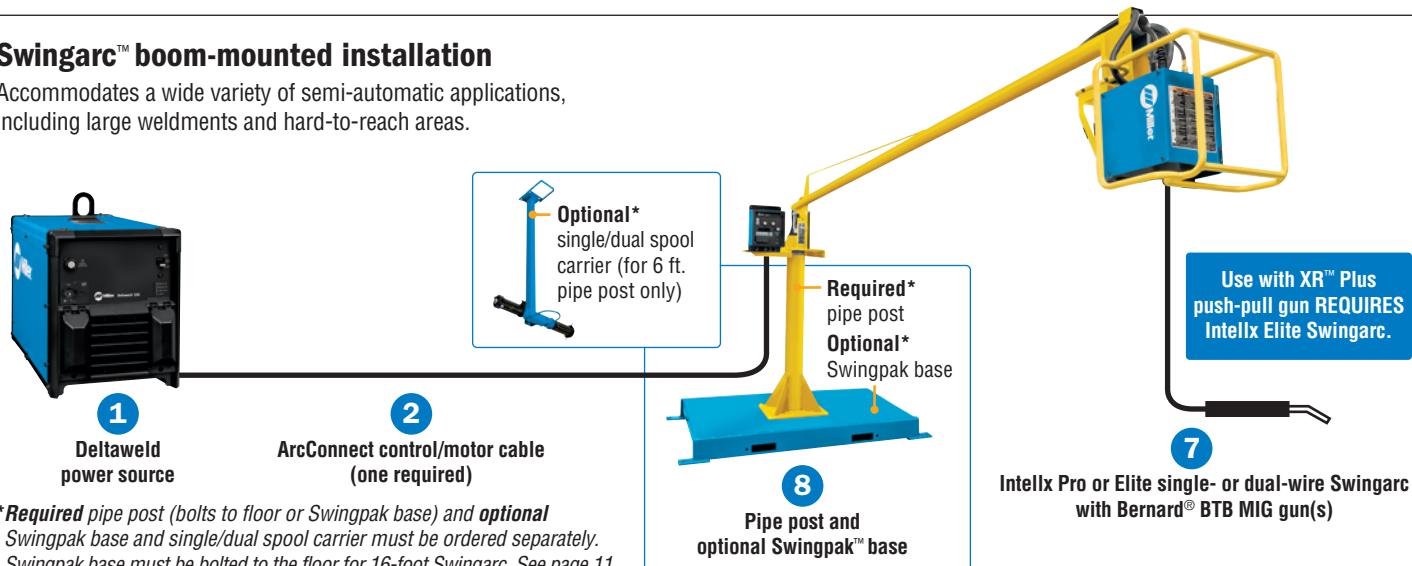
Required pipe post (bolts to floor or Swingpak base) and optional Swingpak base and single/dual spool carrier must be ordered separately. Swingpak base must be bolted to the floor for 16-foot Swingarc. See page 11.

Ordering Information Most popular models◄

Configure a Custom Deltaweld System (See corresponding item numbers in Typical Deltaweld Systems Installations on page 10.) See page 12 for packages.				
Power Source	**Stock No.**	**Description**	**Qty.**	**Price**
1 Deltaweld® 350 208/230/460 V	907747 ◄ 907747001 907747002* 907747003*	With ArcConnect With ArcConnect, meters and 14-pin receptacle With ArcConnect and Insight With ArcConnect, 14-pin receptacle and Insight		
Cables and Leads				
2 ArcConnect Control/Motor Cables		See page 8 for available lengths		
Work Sense Leads (volt sense)		See page 8 for available lengths		
Feeder, ROI and Swingarc				
3 Intellx™ Basic Bench-Style Wire Feeders	951783001 951815001	Single-wire feeder with Bernard BTB Gun 400 A Dual-wire feeder with two Bernard BTB Gun 400 A		
Intellx Pro Bench-Style Wire Feeders	951784001 ◄ 951816001	Single-wire feeder with Bernard BTB Gun 400 A Dual-wire feeder with two Bernard BTB Gun 400 A		
Intellx Elite Bench-Style Wire Feeders	951941001 951942001	Single-wire feeder with Bernard BTB Gun 400 A Dual-wire feeder with two Bernard BTB Gun 400 A		
4 Intellx Basic Remote Operator Interface (ROI)	301548 301551	Control box for single-wire drive assembly Control box for dual-wire drive assembly		
Intellx Pro Remote Operator Interface (ROI)	301552 301553	Control box for single-wire drive assembly Control box for dual-wire drive assembly		
Intellx Elite Remote Operator Interface (ROI)	301606 301607	Control box for single-wire drive assembly. *ONLY* for use with Intellx Elite remote wire drive Control box for dual-wire drive assembly. *ONLY* for use with Intellx Elite remote wire drive		
5 Intellx Remote Wire Drive	301554 301555	Single-wire drive assembly Dual-wire drive assembly		
Intellx Elite Remote Wire Drive	301722 301723	Single-wire drive assembly. *ONLY* for use with Intellx Elite ROI Dual-wire drive assembly. *ONLY* for use with Intellx Elite ROI		
6 Bernard BTB Gun 400 A	Q4015AE9EMC	400 A, 15 ft. (4.6 m) with AccuLock™ consumables		
XR™ Plus Push-Pull Guns		*ONLY* for use with Intellx Elite wire feeder, Elite ROI/remote wire drive or Elite Swingarc boom-mounted wire feeder. See page 9		
7 Intellx Pro Swingarc™ Boom-Mounted Wire Feeders	951804001 951806001 951932001	12 ft. single-wire model with Bernard BTB Gun 400 A 16 ft. single-wire model with Bernard BTB Gun 400 A 12 ft. dual-wire model with two Bernard BTB Gun 400 A		
Intellx Elite Swingarc™ Boom-Mounted Wire Feeders	951000091 951000093 951000092	12 ft. single-wire model with Bernard BTB Gun 400 A 16 ft. single-wire model with Bernard BTB Gun 400 A 12 ft. dual-wire model with two Bernard BTB Gun 400 A		
8 Pipe Post	149838 149839	4 ft. pipe post. Required for mounting Swingarc booms 6 ft. pipe post. Required for mounting Swingarc booms		
Swingpak™ Base	183997	Optional mounting platform for pipe post		
Accessories				
Deltaweld Running Gear	301523	For Deltaweld 350/500		
Cart Accessory Kit		For single- or dual-wire bench feeders. See page 8		
Stationary Handle Kit	301529			
Feeder Accessories		See page 8		
Single/Dual Spool Carrier	300352	Optional spool carrier for 6 ft. pipe post		
Coolant Systems		See page 8		

Boxes for items 3 and 7: With AccuLock™ consumables and .035/.045 in. V-groove drive rolls

Date: **Total Quoted Price:**

Includes Insight Core™ and Insight Centerpoint™ Basic mode. Insight Centerpoint Basic mode requires Centerpoint license(s).
Optional Insight Centerpoint Premium (301490) can be added for use with Intellx Elite feeder/ROI.

Ordering Information Most popular models◄

Deltaweld® 350 Packages	Stock No.	Description	Qty.	Price
Deltaweld 350 MIGRunner™ **with Single-Wire Intellx™ Basic**	**951792001**	Includes Deltaweld 350 power source (907747), single- or dual-wire Intellx Basic feeder with Bernard® BTB Gun 400 A (two with dual-wire feeder) and AccuLock™ consumables. See page 7 for complete package description		
Deltaweld 350 MIGRunner **with Dual-Wire Intellx Basic**	**951817001**			
Deltaweld 350 MIGRunner **with Single-Wire Intellx Pro**	**951777001 ◄**	Includes Deltaweld 350 power source (907747, or 907747002 on Insight package), single- or dual-wire Intellx Pro feeder with Bernard® BTB Gun 400 A (two with dual-wire feeder) and AccuLock™ consumables. See page 7 for complete package description		
Deltaweld 350 MIGRunner with Insight **and Single-Wire Intellx Pro**	**951825001***			
Deltaweld 350 MIGRunner **with Dual-Wire Intellx Pro**	**951818001**			
Deltaweld 350 MIGRunner **with Single-Wire Intellx Elite**	**951946001**	Includes Deltaweld 350 power source (907747, or 907747002 on Insight package), single- or dual-wire Intellx Elite feeder with Bernard® BTB Gun 400 A (two with dual-wire feeder) and AccuLock™ consumables. See page 7 for complete package description		
Deltaweld 350 MIGRunner with Insight **and Single-Wire Intellx Elite**	**951947001****			
Deltaweld 350 MIGRunner **with Dual-Wire Intellx Elite**	**951948001**			
Deltaweld 350 with Insight, **Running Gear, and Cart Accessory Kit**	**907802****	Same as above, but without wire feeder and MIG gun (see options on page 11). If ordering a dual-wire feeder, also order accessory kit (301579)		
Deltaweld 350 MIGRunner **with Single-Wire Intellx Elite and Push-Pull Gun**	**951952001**	Includes Deltaweld 350 power source (907747), single- or dual-wire Intellx Elite feeder with XR-Aluma-Pro™ Plus push-pull gun (and Bernard® BTB Gun 400 A with AccuLock™ consumables on dual-wire feeder). See page 7 for complete package description		
Deltaweld 350 MIGRunner **with Dual-Wire Intellx Elite and Push-Pull Gun**	**951953001**			

Date :   **Total Quoted Price:**

*Includes Insight Core™ and Insight Centerpoint™ Basic mode. Insight Centerpoint Basic mode requires Centerpoint license(s).

**Includes Insight Core™ and Insight Centerpoint™ Basic mode. Insight Centerpoint Basic mode requires Centerpoint license(s).
Optional Insight Centerpoint Premium (301490) can be added for use with Intellx Elite feeder/ROI.