

New!

Increased versatility with a MIG/Pulsed MIG system with push and/or push-pull benchtop wire feeder.



Invision™ MPa Plus System with Alumination Technology

MIG/Pulsed MIG power source combined with push and/or push-pull wire feeding for increased versatility and quick changeovers

Easily switch between steel/stainless and aluminum!

- Switch between a push-pull and a push-only system simply by picking up the appropriate gun and pulling the trigger with the dual feeder option
- MIG and Pulsed MIG programs for the most common aluminum, steel and stainless wires can be set separately for each gun and is retained between uses
- Eliminates the need for a separate push-pull feeder or separate pulsing control pendant
- Simplify weld cell by using one feeder, one power source
- Wire feeder with Alumination technology extends aluminum wire feeding up to 35 ft
- Profile Pulse™ provides stacked dime look with no gun manipulation and little training!
- Easy to set up and use; quickly train new welders
- Position the feeder up to 100 feet from the power source

Alumination Technology

Gives you the ability to use the extended reach of a push-pull system to feed your aluminum wire.

Two Wires, One Dual Feeder, Switch Over in Seconds

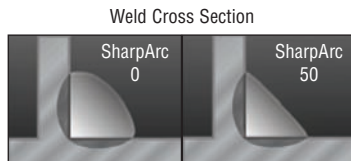
With the D-74 MPa Plus dual wire feeder, you can set up the left side using push/pull for aluminum wires, while maintaining the ability to push harder (steel/stainless/larger-diameter aluminum) wires on the other. Simply pick up the desired gun and start welding. XR-Aluma-Pro™ Plus push-pull guns are available in 15-, 25- and 35-ft lengths for extended reach with trouble-free, reliable feeding.

Two Wires, One Single Feeder

If you don't often switch wires and don't need the full versatility of a dual feeder, the S-74 MPa Plus feeder may be the choice for you. You still get the reliable feeding of a push-pull gun and can easily switch from steel to aluminum push-pull, eliminating the need for a separate push-pull system.

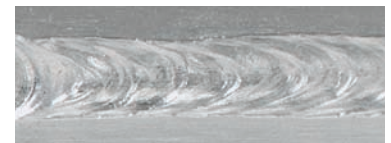
SharpArc®

Fine tunes the arc in Pulsed MIG mode and gives total control over the arc cone shape, puddle fluidity, and bead profile. Sharp Arc can adjust from a wider arc cone with increased fluidity and flatter bead profile, to a stiffer puddle with narrower bead.



Profile Pulse™

Achieve a “stacked dime” weld bead appearance quickly and easily without manipulating the gun.



Immediate Productivity with Built-in Pulsed MIG Programs

The Invision 352 MPa power source features built-in Pulsed MIG programs that automatically set the optimal parameters for the most commonly used steel, stainless and nickel, copper and aluminum alloys.

Synergic “One Knob” Control

Set the wire feed speed control and the system handles the rest, greatly simplifying set-up and reducing training time. No need to travel back to the power source or to change multiple parameters.

Superior Power Management with Auto-Line™ Power Management Technology

Accepts any type of primary power— 208–575 VAC, single- or three-phase, 50 or 60 Hz, without manual relinking.

The Invision™ MPa Plus System with Alumination combines superior MIG and Pulsed MIG capabilities with the sure feeding of a push-pull benchtop feeder for increased versatility.

Invision™ MPa Plus System with Alumination Technology

MIG/Pulsed MIG power source combined with push and/or push-pull wire feeding for increased versatility and quick changeovers

The Invision MPa Plus System is the right choice for:

- Emergency vehicles, work trucks, trailers and tankers
- Industrial fans and ventilation
- Applications where the operator needs to switch between steel/stainless and aluminum or between any two wires



The Invision MPa Plus System with Alumination gives you push-pull wire feeding capability in a benchtop feeder. With the dual option, you can have aluminum on one side and steel, stainless or even thicker aluminum wire on the other. A full range of MIG and Pulsed MIG programs can be set for each gun allowing you to instantly switch between two wires with independent weld parameters for quick changeovers and increased versatility.

Q&A:

What is Alumination technology?

Alumination allows you to connect a push-pull gun, such as the XR-Aluma-Pro™ Plus, directly to the benchtop feeder without needing a separate control box. Because aluminum has a low columnar strength, it can bend and buckle when used with push-only wire feeders and long torches. Alumination technology takes the versatility of the benchtop feeder and combines it with the benefits of a push-pull system to extend your effective aluminum feeding capabilities up to 35 feet!

Can I use the Pulsed MIG process on both the push-pull and push-only sides of the dual feeder?

Absolutely. Each side of the Invision MPa Plus feeder has the full range of the Invision's processes and programs available. You could, for instance, set the right side for Pulsed MIG on a .035 inch steel wire and the left side for Pulsed MIG for .047 inch 4000 series aluminum. Or you could set Pulsed MIG for steel on one side and MIG for stainless on the other. The Invision MPa system gives you the versatility to meet your needs.

What is Profile Pulse™?

Profile Pulse is a feature that makes it easier than ever to achieve that "stacked dimes" aesthetic appearance that people are looking for in their aluminum welds. What in the past was done with technique and timing by a seasoned welder can now be achieved using Profile Pulse with minimal time and training.

Stock No. Description

Stationary Packages

- #951 283 Invision MPa Plus, S-74 MPa Plus feeder (single), and air-cooled 25-ft XR-Aluma-Pro Plus gun
- #951 284 Invision MPa Plus, S-74 MPa Plus feeder (single), Coolmate™ 3 and water-cooled 25-ft XR-Aluma-Pro Plus gun
- #951 285 Invision MPa Plus, D-74 MPa Plus feeder (dual), air-cooled 25-ft XR-Aluma-Pro Plus gun and 15-ft Bernard® Q-Gun™
- #951 286 Invision MPa Plus, D-74 MPa Plus feeder (dual), Coolmate™ V3, water-cooled 25-ft XR-Aluma-Pro Plus gun and 15-ft Bernard Q-Gun

MIGRunner Packages include MIGRunner Cart for single feeders or Running Gear Cylinder Rack for dual feeders

- #951 287 Invision MPa Plus, S-74 MPa Plus feeder (single), and air-cooled 25-ft XR-Aluma-Pro Plus gun
- #951 288 Invision MPa Plus, S-74 MPa Plus feeder (single), Coolmate 3 and water-cooled 25-ft XR-Aluma-Pro Plus gun
- #951 289 Invision MPa Plus, D-74 MPa Plus feeder (dual), air-cooled 25-ft XR-Aluma-Pro Plus gun and 15-ft Bernard Q-Gun
- #951 290 Invision MPa Plus, D-74 MPa Plus feeder (dual), Coolmate™ V3, water-cooled 25-ft XR-Aluma-Pro Plus gun and 15-ft Bernard Q-Gun

Note: When using Pulsed MIG, a water-cooled system is recommended.
For additional models and packages, see literature #DC/23.6.

11/09

