

New!

Ultimate Aluminum Welding Solution



AlumaFeed™ Synergic Aluminum Welding System

Dedicated System for Superior "Out-of-the-Box" Aluminum Welding Performance

The AlumaFeed System Features:

- Synergic welding for "one-knob" control from the gun.
- Built-in aluminum Pulsed MIG programs for simplicity and improved puddle control.
- Synchronized true push-pull wire feed system for precise wire feeding and arc performance.
- Hot Start™ technology eliminates cold starts that could lead to weld defects.
- New Profile Pulse™ provides TIG appearance with MIG simplicity and productivity.
- Parameter and system locks enhance quality assurance and protect weld consistency.
- Dual schedules accessible through quick trigger pull.
- Pulsed welding virtually eliminates burn-through and warping issues on thinner materials.



AlumaPower™ 350 MPA power source, XR™-AlumaFeed™ push-pull wire feeder, and the XR-Aluma-Pro™ push-pull gun system components shown above.



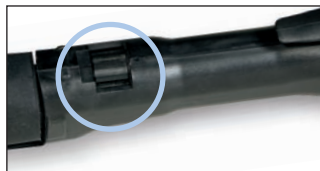
XR™-Pistol Package also available

Immediate Productivity with Built-in Pulsed MIG Programs

The AlumaFeed's built-in Pulsed MIG programs automatically set the optimal parameters for the most commonly used aluminum alloys, such as 4000 and 5000 Series, with wire diameters up to 1/16 inch for high-deposition applications. The AlumaFeed System provides everything needed for increased productivity.

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.



Profile Pulse™

Achieve "stacked dime" weld bead appearance without back-stepping.

New!



Exceptional Portability

The lightweight AlumaFeed wire feeder has a built-in handle which allows you to take it up stairs, inside hulls, tanks, etc. Its improved reach allows you to take the wire feeder up to 100 feet from the power source with optional extension cords.

Push-Pull Wire Feed System

The AlumaFeed features a *true* push-pull wire feed system to ensure smooth and consistent feeding, improved arc performance while reducing the problems normally associated with feeding aluminum.

The AlumaFeed Synergic Aluminum Welding System is the ultimate welding solution for the aluminum fabricator.

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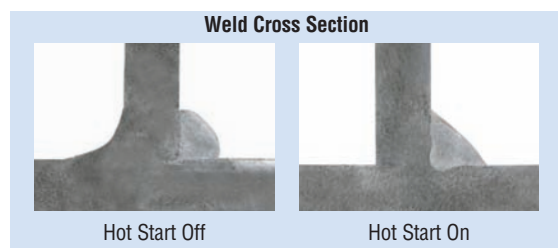
The AlumaFeed Synergic Aluminum Welding System is the right choice for:

- Boat/yacht builders
- Truck/trailer manufacturers
- Heavy industrial aluminum applications

Additional Features

Begin and End Welds with Ease and Confidence

Hot Start™ reduces 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 reduce crater defects. Adjustable pre- and post-flow rates ensure that the puddle always has adequate gas coverage.



Arc Stability, Even at Short Arc Lengths

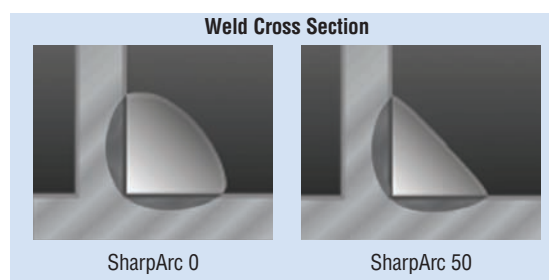
The AlumaPower™ 350 MPa provides a robust and stable arc, even at short arc lengths. This gives the operator improved control with reduced heat input and the ability to weld a wider range of material thicknesses.

Auto-Line™ Power Management Technology

Accepts any type of primary power — 208–575 VAC, single- or three-phase, 50 or 60 Hz — while providing a rock-steady arc even during primary power fluctuations.

Superior Puddle and Bead Control with SharpArc®

SharpArc controls the arc in Pulsed MIG mode and gives total control over the arc cone shape, puddle fluidity and bead profile. A simple turn of the dial adjusts SharpArc settings, from a wider arc cone with increased fluidity and flatter bead profile to a stiffer puddle with narrower bead.



Q&A:

Why do I want a synergic system?

Solution: With a synergic system, as you increase/decrease wire speed, the Pulsed parameters automatically adjust accordingly, allowing you to control heat input with one knob. This eliminates the challenge of setting multiple parameters and greatly decreases training time. On the AlumaFeed System, the wire feed speed can be adjusted from the gun, eliminating travel to and from the power source.

Can I order the components separately?

Solution: Although you can order the XR-Aluma-Pro™ or XR™-Pistol gun separately, the AlumaPower™ 350 MPa power source and XR™-AlumaFeed® push-pull wire feeder are designed to work together and form a complete system optimized for aluminum welding.

How long will it take me to learn this system?

Solution: There's virtually no learning curve for an experienced MIG welder, and a novice can be making production-quality welds within hours. With Profile Pulse™ synergic control, SharpArc® and optimized Pulsed programs, a beginning welder only has to concentrate on proper gun technique — the AlumaFeed System handles the rest.

For more detailed product information, see literature DC/34

Stock No. Description

- | | |
|----------|---|
| #951 147 | AlumaFeed Synergic Aluminum Welding System with 25 ft air-cooled XR-Aluma-Pro Push-Pull Gun |
| #951 148 | AlumaFeed Synergic Aluminum Welding System with 25 ft water-cooled XR-Aluma-Pro Push-Pull Gun |
| #951 149 | AlumaFeed Synergic Aluminum Welding System with 30 ft air-cooled XR-Pistol Push-Pull Gun |
| #951 150 | AlumaFeed Synergic Aluminum Welding System with 30 ft water-cooled XR-Pistol Push-Pull Gun |

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