74 MPa Plus Wire Feeder Features

S-74 MPa Plus Single Feeder

MPa Plus Models have the Features of the S/D/DX Models and Add the Following

- **Alumination™** technology gives you the ability to use the extended reach of a push-pull system for consistent, versatile and dependable aluminum wire feeding. Alumination gives you the versatility to handle whatever aluminum welding job you want to tackle.
- **Synergic Pulsed MIG** operation when optimized with the Invision MPa power supplies. Provides communication between the power source, feeder and gun. As wire speed increases/decreases, the pulse parameters also increase/decrease to match the right amount of power needed.
- **Trigger schedule select** allows the operator to select the alternative schedule by quickly tapping the gun trigger when not welding. When optimized with the Invision 352 MPa the operator can also switch from MIG to Pulsed MIG.
- **Profile Pulse™** provides TIG appearance with MIG simplicity and productivity. Achieve "stacked dime" weld bead appearance without back-stepping. Profile Pulse frequency can be changed to increase or decrease the spacing between the ripple pattern to achieve the desired weld appearance.
- **Accu-Mate™** properly seats the power pin for best feeding performance and prevents Accu-Mate grooved MIG guns from sliding in the casting.
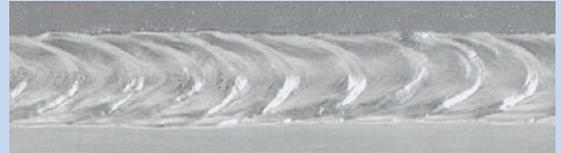
74 MPa Plus Specifications (Subject to change without notice.)

CV **DC** *(Use with CV, DC Power Sources.)*

Input Power	Electrode Wire Diameter Capacity*	Wire Speed	Dimensions S-74 MPa Plus (Single Feeder)		Net Weight S-74 MPa Plus (Single Feeder)	
24 VAC, 10 A, 50/60 Hz	.023–5/64 in (0.6–2.0 mm) .035–1/16 in (0.9–1.6 mm) Aluminum	50–780 IPM (1.3–19.8 m/min)	H: 14 in (356 mm) W: 12-1/2 in (318 mm) D: 28 in (711 mm)		58 lb (26 kg)	

Wire kit #230 708 is required to run 1/16 in (1.6 mm) aluminum wire.

74 MPa Plus Control Panel (D-74 MPa Plus dual feeder panel shown.)

D-74 MPa Plus

1. Left Dual Schedule Indicator
2. Voltage/Arc Length Display Meter
3. Left Adjust Knob
4. Setup Button
5. Start Button
6. Right Dual Schedule Indicator
7. Amperage/Wire Speed Display Meter
8. Right Adjust Knob
9. Left/Right Select Button
10. Crater Button
11. Jog/Purge