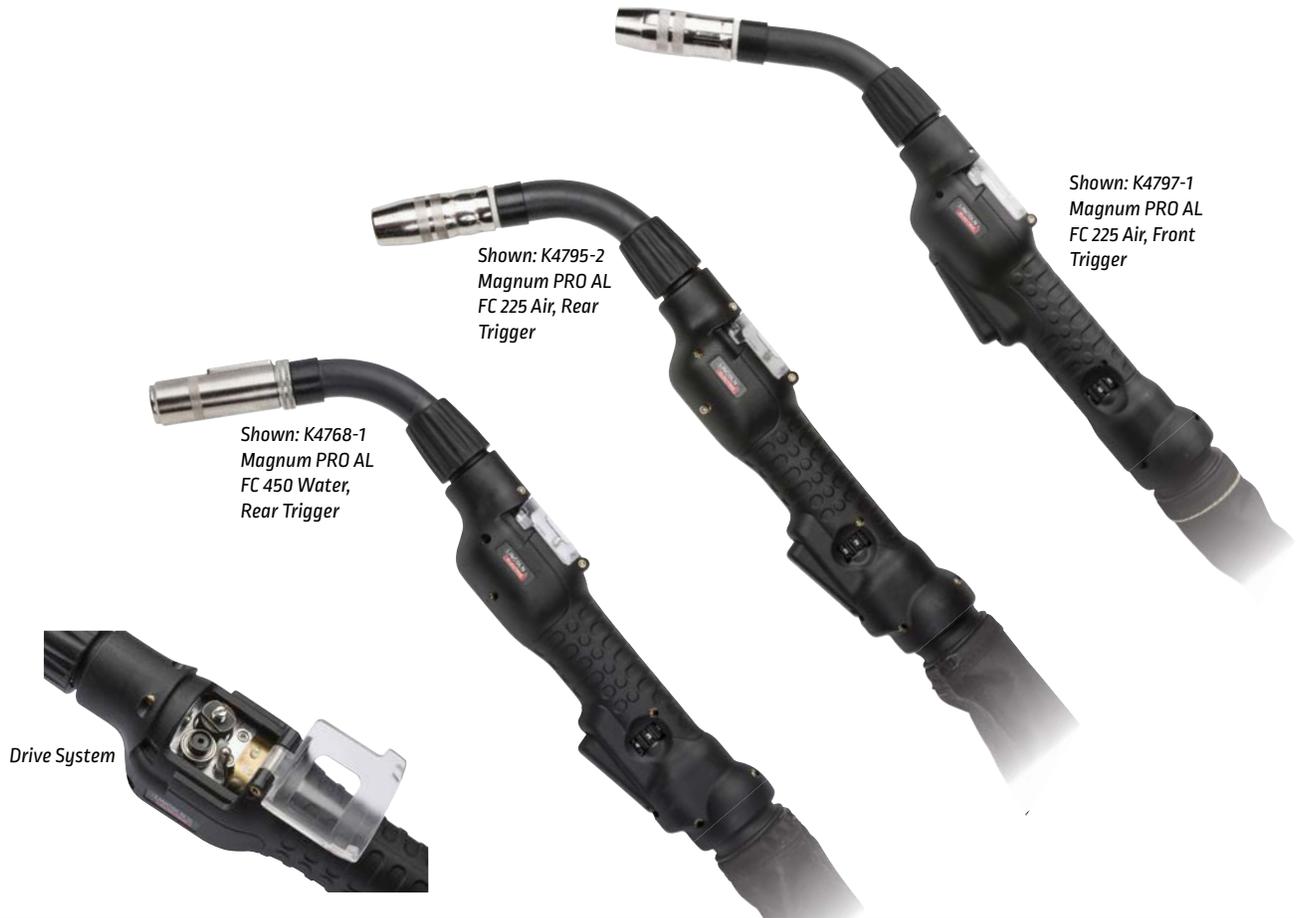


# MAGNUM® PRO AL FIXED CONDUIT PUSH-PULL GUNS



## ALUMINUM PUSH-PULL GUN

The new, improved Magnum PRO AL Fixed Conduit Push-Pull Guns feature a new rigid liner which provides a smooth, premium aluminum welding solution. The enhanced feeding capabilities will reduce downtime and increase arc on time.

- » **New Fixed Conduit Liner** - Fixed, rigid all-in-one liner helps improve soft aluminum wire feeding
- » **Enhanced Internal Design** - Modifications to the strain relief and trigger help improve durability and performance
- » **Magnum PRO Expendables** - Long-lasting expendables designed to help maximize weld time and reduce downtime
- » **Quick WFS Adjustment** - A dial located at the bottom of the gun handle provides a convenient way of changing WFS at the arc
- » **Rotatable Gun Tube** - With 360° of rotation, the Magnum PRO AL FC Push-Pull Guns can tackle any welding joint configuration

### Processes

MIG, Pulsed MIG for Aluminum

### Product Number

See product specification table on back for details

See back for details

### Input »



### Output »



### CONTACT TIPS 350A<sup>(1)</sup>

Wire Diameter in. (mm)	Order Number
0.035 (0.9)	KP2744-035AT
3/64 (1.2)	KP2744-364AT KP2744-364AT5356 KP2744-364AT-B100 <sup>(2)</sup>
	KP2744-116AT KP2744-116AT5356 KP2744-116AT-B100 <sup>(2)</sup>

(1) Sold in quantity of 100

### CONTACT TIPS 550A

Wire Diameter in. (mm)	Order Number
0.035 (0.9)	KP2745-035AT
3/64 (1.2)	KP2745-364AT <sup>(1)</sup> KP2745-364AT5356 KP2745-364AT-B100 <sup>(2)</sup>
	KP2745-116AT KP2745-AT5356 KP2745-116AT-B100 <sup>(2)</sup>

(1) Included with gun  
(2) Sold in Quantity of 100

### CONDUIT LINERS, ALUMINUM

Description ft. (m)	Order Number
Liner, .035-1/16", Aluminum, 15 [4.5]	KP4800-15
Liner, .035-1/16", Aluminum, 25 [7.6]	KP4800-25
Liner, .035-1/16", Aluminum, 35 [10.7]	KP4800-35
Liner, .035-1/16", Aluminum, 50 [15.2]	KP4800-50

### DRIVE ROLLS

Description in. (mm)	Order Number
Knurled Insulated	KP3990-1
0.035 (0.89) Groove Insulated <sup>(1)</sup>	KP3989-1
3/64 (1.19) & 1/16 (1.59) Groove Insulated <sup>(1)</sup>	KP3989-2

(1) includes drive roll and insulated idler roll assembly

### OPTIONAL 6 IN. STRAIGHT AND CURVED GUN TUBE ASSEMBLIES

350A/550A Expendables Compatibility/Threaded Diffuser		
Compatible Guns	Degree	Order Number
Straight, Air- & Water-Cooled	180°	KP3380-180
Air- & Water-Cooled	60°	KP3380-60
Air- & Water-Cooled	45°	KP3380-45 <sup>(3)</sup>

550A Expendables ONLY/Fixed Diffuser		
Straight & Water-Cooled Gun Tube Assembly	Degree	Order Number
Water-Cooled Gun Assembly	180°	KP3381-180 <sup>(1)</sup>
Water-Cooled Gun Assembly	60°	KP3381-60 <sup>(4)</sup>
Water-Cooled Gun Assembly	45°	KP3381-45 <sup>(1)</sup>
Air- & Water-Cooled	60°	KP3988-60 <sup>(2)</sup>
Air- & Water-Cooled	45°	KP3988-45 <sup>(2)</sup>

(1) Water-Cooled ONLY. Diffuser and nozzles are both water cooled. Use with water-cooled nozzle KP3375-1  
(2) Diffuser is water-cooled. Nozzle is standard air-cooled Magnum PRO 550A Expendable [KP2743-1-62RA]  
(3) Included with K4795-XX and K4796-XX guns  
(4) Included with K4797-XX and K4798-XX guns

### 350A SERIES EXPENDABLES

Description	Order Number
Gas Diffuser, each	KP2746-1
Gas Diffuser, 25 pcs.	KP2746-1-B25
Insulator, 350A Gun Tube, each	KP3982-1
Insulator, 350A Gun Tube, 25 pcs.	KP3982-1-B25
Gas Nozzle Assembly 5/8 in (15.9 mm)	KP2742-1-62R

For all possible options, reference bulletin E12.09.

### 550A SERIES EXPENDABLES

Description	Order Number
Gas Diffuser	KP2747-1A
Gas Diffuser, 25 pcs.	KP2647-1A-B25
Insulator, 550A Gun Tube, each	KP3982-2
Insulator, 550A Gun Tube, 25 pcs.	KP3982-2-B25
Gas Nozzle Assembly 5/8 in (15.9 mm)	KP2743-1-62RA

Use with water-cooled nozzle KP3375-1  
For all possible options, reference bulletin E12.09

### IDLER ROLLS

Description in. (mm)	Order Number
3/64 (1.19) Insulated	KP3992-364
0.035 (0.89) Insulated	KP3992-035
1/16 (1.59) Insulated	KP3992-116

### COOLANT

Description in. (mm)	Order Number
1 Gallon (order in multiples of 4)	KP3379-4
5 Gallon	KP3379-5

### JUMP LINERS

Description in. (mm)	Order Number
Jump Liner 1/16 (1.6)	KP3376-1
Jump Liner 0.035 - 3/64 (0.9 -1.2)	KP3376-3

### RECOMMENDED ACCESSORIES



**12-pin to 7-pin Adapter**  
Use for connecting 12-pin push-pull guns such as the Magnum PRO AL FC to a 7-pin feeder connector.  
**Order K2910-2**

### PRODUCT SPECIFICATIONS

Product Name	Product Number 12-Pin	Amperage Rating 100% Argon Gas	Wire Diameter Range in (mm)	Cable Length ft (m)
Magnum PRO AL FC 225 Air, Rear Trigger	K4795-1 K4795-2 K4795-3 K4795-4	225A @ 60% Duty Cycle	0.035 - 1/16 (0.9 - 1.6) aluminum and cored wire	15 [4.5] 25 [7.6] 35 [10.6] 50 [15.2]
	Magnum PRO AL FC 225 Air, Front Trigger			K4797-1 K4797-2 K4797-3 K4797-4
Magnum PRO AL FC 450 Water, Rear Trigger		K4796-1 K4796-2 K4796-3 K4796-4		450A @ 60% Duty Cycle
	Magnum PRO AL FC 450 Water, Front Trigger	K4798-1 K4798-2 K4798-3 K4798-4		

For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables. Visit [www.lincolnelectric.com](http://www.lincolnelectric.com) for more detail

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