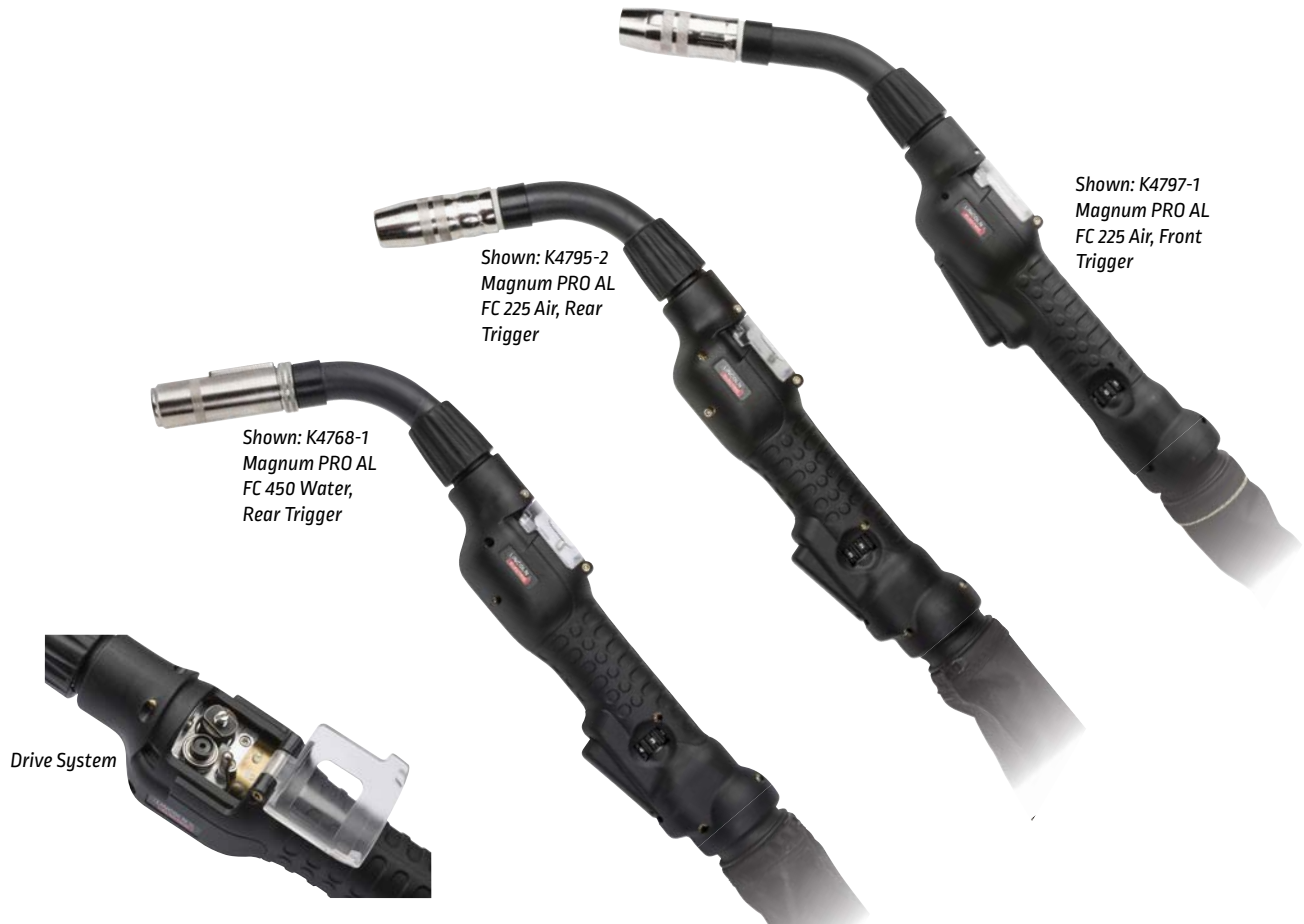


MAGNUM® PRO AL FIXED CONDUIT PUSH-PULL GUNS



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⁽¹⁾

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

(1) 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

GUN TUBE ASSEMBLIES

Cooling System	Degree	Order Number
Air-Cooled	180°	KP3541-180 ⁽¹⁾
Air-Cooled	60°	KP3541-60
Air-Cooled	45°	KP3541-45
Water-Cooled	180°	KP3542-180 ⁽²⁾
Water-Cooled	60°	KP3542-60
Water-Cooled	45°	KP3542-45

(1) Included with K3478-XX guns
(2) Included with K3479-XX guns

CONTACT TIPS 550A

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

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

CONDUIT LINERS, STEEL

Description ft (m)	Order Number
Liner, .035-.045, Steel, 15 [4.5]	KP3545-3545-15
Liner, .035-.045, Steel, 25 [7.6]	KP3545-3545-25
Liner, .035-.045, Steel, 35 [10.7]	KP3545-3545-35

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 0.035 - 1/16 [0.9 - 1.6]	KP2879-3

DRIVE ROLLS

Description in. (mm)	Order Number
0.035 [0.89] Groove	KP3546-035
3/64 [1.19] Groove	KP3546-364
3/64 [1.19] Knurled	KP3547-364
1/16 [1.59] Knurled	KP3547-116

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	225A @ 60% Duty Cycle	0.035 - 1/16 [0.9 - 1.6] aluminum and cored wire	15 [4.5] 25 [7.6]	
	K4795-2				
Magnum PRO AL FC 225 Air, Front Trigger	K4795-3				
	K4795-4				
Magnum PRO AL FC 450 Water, Rear Trigger	K4797-1	450A @ 60% Duty Cycle		0.035 - 1/16 [0.9 - 1.6] aluminum and cored wire	15 [4.5] 25 [7.6]
	K4797-2				
Magnum PRO AL FC 450 Water, Front Trigger	K4797-3				
	K4797-4				
Magnum PRO AL FC 450 Water, Rear Trigger	K4796-1	450A @ 60% Duty Cycle	0.035 - 1/16 [0.9 - 1.6] aluminum and cored wire		15 [4.5] 25 [7.6]
	K4796-2				
Magnum PRO AL FC 450 Water, Front Trigger	K4796-3				
	K4796-4				
Magnum PRO AL FC 450 Water, Rear Trigger	K4798-1	450A @ 60% Duty Cycle		0.035 - 1/16 [0.9 - 1.6] aluminum and cored wire	15 [4.5] 25 [7.6]
	K4798-2				
Magnum PRO AL FC 450 Water, Front Trigger	K4798-3				
	K4798-4				

For best welding results with Lincoln Electric equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more detail

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

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	KP2773-1
Insulator, 550A Gun Tube, 25 pcs.	KP2773-1-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

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