

Cougar™ Push-Pull Guns

Processes

MIG, Pulsed MIG

Product Number

K2704-2 Air Cooled, 25 ft. (7.6 m)

K2704-3 Air Cooled, 50 ft. (15.2 m)

Air-Cooled Amperage Rating @

60% Duty Cycle

Argon: 300A

Wire Diameter Range in. (mm)

.035 - 1/16 (0.9 - 1.6) Aluminum

Premium Semiautomatic Pistol-Grip Guns for Aluminum Welding.

Cougar™ push-pull guns are intended for those operators who prefer an upright pistol-grip design for aluminum welding fabrication or production environments.

FEATURES

▶ Fatigue-Reducing Comfort, More Control

- Sure-Grip™ Handle – Lightweight, well balanced pistol grip fits comfortably in either hand.
- Refined Adjustment – A multi-turn potentiometer allows both left and right-handed operators to make precise wire feed speed changes.
- Improved Strain Relief – Integrated system flexes to enhance operator comfort while protecting internal wiring.

▶ Greater Peace of Mind

- Better Protection – The recessed gun trigger eliminates accidental breaking.
- Wear-Resistant Security – An abrasion-resistant cable cover prevents power cable chafing.

▶ Fast Changeovers and Easy Repairs

- Tool-less Drive Roll Changes – Our slip-fit dual-groove drive rolls feature a D-contour to prevent unwanted spinning.
- Lincoln Copper Plus™ Contact Tips - Larger tip diameter and mass improves heat dissipation to increase tip life.
- Gas Leak Prevention – The Posi-Seat™ gun barrel locking nut seats snugly to prevent gas leaks.
- Interchangeable Expendables – Parts are shared with our Magnum® PRO and Panther™ guns to minimize part stocking.



WHAT'S INCLUDED

- ▶ .035 in. (0.9 mm) Contact Tip (Qty. 1)
- ▶ 3/64 in. (1.2 mm) Contact Tip (Qty. 1)
- ▶ 0.625(5/8) in. (15.9 mm) Thread-On Gas Nozzle with 1/8 in. (3.2 mm) recess
- ▶ Thread-On Diffuser
- ▶ .035 - 3/64 Drive Roll
- ▶ .035 - 1/16 Wire Conduit

COMPATIBLE WIRE FEEDERS

- ▶ POWER MIG® 350MP
- ▶ Power Wave® C300
- ▶ Power Feed™ 10M
- ▶ Power Feed™ 25M

APPLICATIONS

- ▶ Aluminum Fabrication
- ▶ Aluminum Production
- ▶ Shipbuilding



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EXPENDABLE PARTS

WIRE CONDUITS

Length ft. (m)	Wire Diameter in. (mm)	Part Number
15 ft. (4.5)	.035 - 1/16 (0.9 - 1.6)	KP2881-15
25 ft. (7.6)	.035 - 1/16 (0.9 - 1.6)	KP2881-25
50 ft. (15.2)	.035 - 1/16 (0.9 - 1.6)	KP2881-50

GUN BARRELS

Angle (Degrees)	Cooling System	Part Number
60	Air-Cooled	KP2877-60
45	Air-Cooled	KP2877-45
180	Air-Cooled	KP2877-180

GAS DIFFUSER

Type	
Pkg. Qty.	Thread-on
1	KP2746-1
25	KP2746-1-B25



Thread-on Gas Diffuser

ALUMINUM CONTACT TIP FOR PUSH PULL

Wire Diameter in. (mm)	Part Number
.035 (0.9)	KP2744-035A
3/64 (1.2)	KP2744-364A
3/64 (1.2)*	KP2744-364A5356
1/16 (1.6)	KP2744-116A

* For low amperage 5356 wire applications.

GUN TUBE INSULATOR

Pkg. Qty.	Part Number
1	KP2773-2
25	KP2773-2-B25



Gun Tube Insulator

GAS NOZZLE

		Nozzle Diameter (I.D.)	
Thread-on	Nozzle	0.5 in. (12.7 mm)	0.625(5/8) in. (15.9 mm)
1/8 (3.2)	Recess	1 KP2742-1-50R	1 KP2742-1-62R
	Flush	25 KP2742-1-50R-B25	25 KP2742-1-62R-B25
1/16 (1.6)	Recess	1 KP2742-1-50F	1 KP2742-1-62F
	Flush	25 KP2742-1-50F-B25	25 KP2742-1-62F-B25



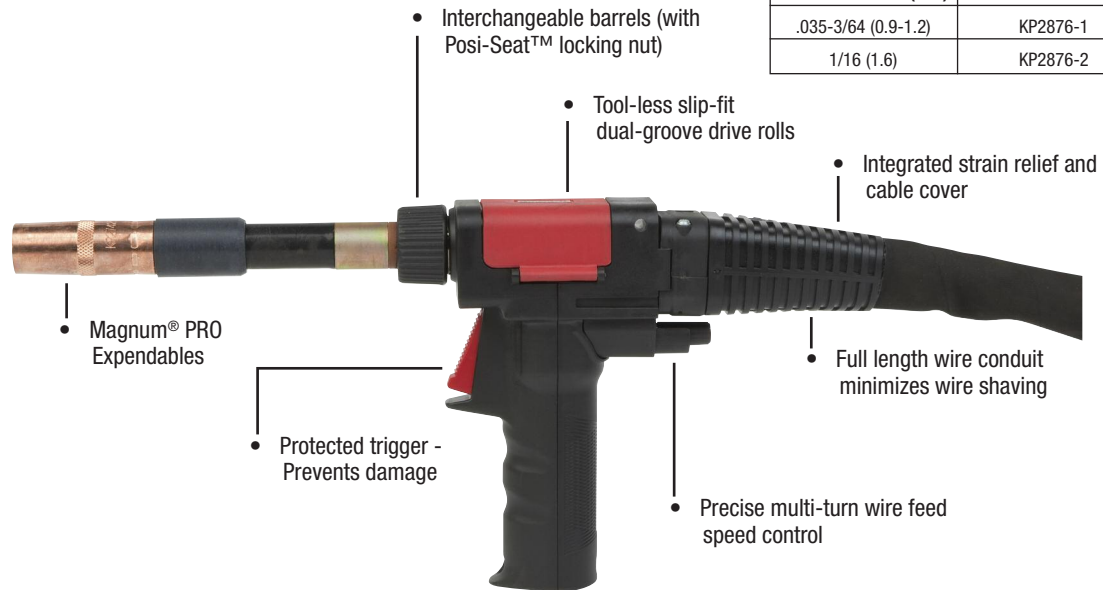
Thread-On Gas Nozzle

BARREL LINERS

Angle (Degrees)	Barrel Size	Part Number
45° and 60°	Barrel Liner (.035 - 1/16")	KP2879-1
180°	Barrel Liner (.035 - 1/16")	KP2879-2

DRIVE ROLLS

Wire Diameter in. (mm)	Part Number
.035-3/64 (0.9-1.2)	KP2876-1
1/16 (1.6)	KP2876-2



PRODUCT SPECIFICATIONS

Product Name	Product Number	Amperage Rating	Wire Diameter Range		Cable Length ft. (m)
			in.	(mm)	
Cougar™ Air Cooled	K2704-2	Argon: 300A @ 60% Duty Cycle	.035 - 1/16	(0.9 - 1.6)	25 (7.6)
Cougar™ Air Cooled	K2704-3	Argon: 300A @ 60% Duty Cycle	.035 - 1/16	(0.9 - 1.6)	50 (15.2)

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