

# Python® & Python®-Plus Push-Pull Guns

## Processes

MIG, Pulsed MIG

## Product Number

K2212-2 Standard Python® Water-Cooled, 25 ft. (7.6 m)

K3038-1 Python®-Plus Air-Cooled, 15 ft. (4.5 m)

K3038-2 Python®-Plus Air-Cooled, 25 ft. (7.6 m)

K3038-3 Python®-Plus Air-Cooled, 50 ft. (15.2 m)

## Rated Output Current Duty Cycle:

100% Duty Cycle (Argon Shielding Gas)

Air-Cooled: 200A

Water-Cooled: Up to 400A with options

## Wire Diameter Range: In. (mm)

.030 - 1/16 (0.6 - 1.6) Aluminum

## Cable Length: ft. (m)

Various

## Push-Pull Gun

The new Python® and Python®-Plus models are designed to optimize a push-pull welding operation by integrating features that will reduce downtime.

### FEATURES

- ▶ **Superior push-pull wire feeding technology** - Reduces friction in the wire feed path, resulting in smooth feeding and minimizing damage to the wire.
- ▶ **Patented EZ-Lock system** - Allows you to change or rotate barrels anytime.
- ▶ **Lightweight, ergonomic handle** – Weight distribution is equally balanced between front and back for better feel and control.
- ▶ **Multi-turn adjustment dial** - Conveniently located on the bottom of the handle, it allows for fine adjustment of the wire feed speed.
- ▶ **Flip-up drive roll cover** - Located at the thumb rest for easy access to wire. Quick wire release for easy wire adjustments.
- ▶ **Complete with a knurled drive roll and a grooved idler roll** - Which will handle both steel and aluminum wire from .030-1/16 in. (0.8-1.6 mm) diameter.



### APPLICATIONS

- ▶ Industrial Fabrication
- ▶ Heavy Equipment
- ▶ Automotive

### RECOMMENDED WIRE FEEDERS

- ▶ Power Feed™ 10M
- ▶ Power Feed™ 25M

### INPUT



### OUTPUT



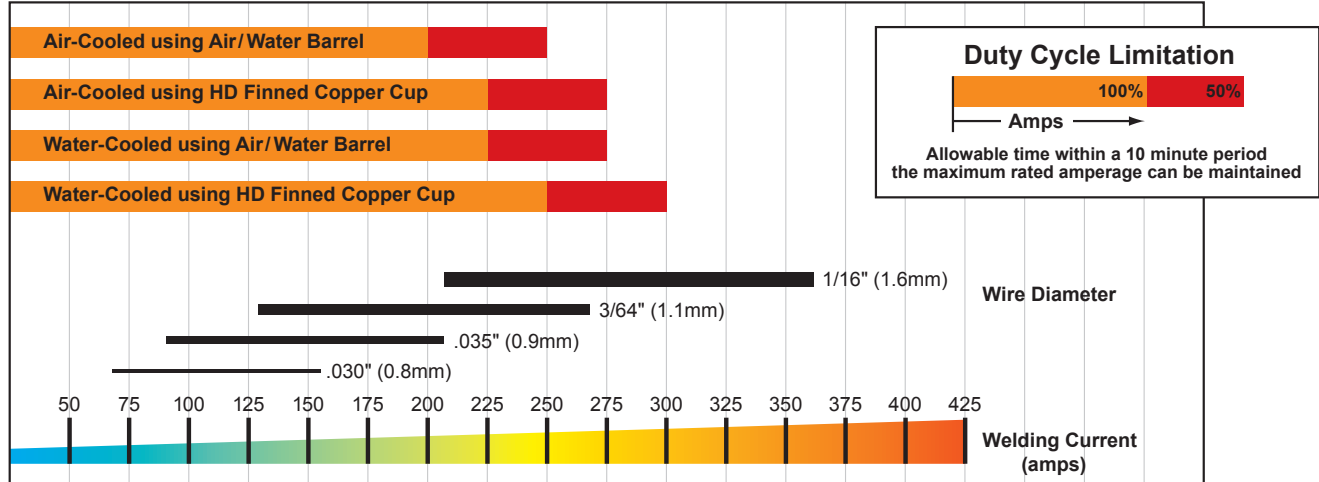
### RECOMMENDED WIRE FEEDER/WELDERS

- ▶ POWER MIG® 350MP<sup>(1)</sup>
- ▶ Power Wave® C300

<sup>(1)</sup> Standard Python® Guns require K2154-1 Connection Kit.

Note: Python® and Python®-Plus Gun are registered trademarks of MK Products, Inc.

## Python® Push-Pull Gun Selector Guide



**NOTE:** Wire diameter and current may vary depending on your particular power supply and welding voltage. Wire diameter and current based on 5356 Aluminum wire.

### RECOMMENDED ACCESSORIES TO EXPAND MACHINE CAPABILITIES



**7-pin to 12-pin Adapter**  
Use for connecting 7-pin push-pull guns such as the Python®-Plus to a 12-pin connector in the Power Wave® C300.  
Order K2910-1

#### CONTACT TIPS

Wire Diameter in. (mm)	Order Number
.030 (0.8)	KP2217-1B1
.035 (0.9)	KP2217-2B1
3/64 (1.2)	KP2217-4B1
1/16 (1.6)	KP2217-5B1



Shown: KP2217-4B1

### PRODUCT SPECIFICATIONS

Product Name	Product Number	Amperage Rating (100% Argon)	Wire Diameter Range in. (mm)	Cable Length ft. (m)
Standard Python® Water-Cooled	K2212-2	up to 400A @ 100% Duty Cycle	.030 – 1/16 (0.8 – 1.6)	25 (7.6)
Python®-Plus Air-Cooled	K3038-1	200A @ 100% Duty Cycle		15 (4.5)
Python®-Plus Air-Cooled	K3038-2			25 (7.6)
Python®-Plus Air-Cooled	K3038-3			50 (15.2)

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

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