

### WIRE PILOT® PNEUMATIC WIRE FEED ASSIST

The **Wire Pilot® Pneumatic Feed Assist** provides an economical way to help the wire feeder move wire through the conduit in applications where there must be minimal friction, travel a long distance or where the workload on the wire feeder must be reduced. When combined with Guide Modules, it allows the ultimate flexibility when it comes to wire delivery and **wire packages can be located 150 ft (46 m) or more away from the arc**. Using only compressed air, the Feed Assist easily relieves several pounds of pulling force from the feed motor. Adjustable torque setting **prevents “bird nesting,”** commonly occurring in aluminum or light wire applications. Compatible with ferrous and non-ferrous wire. Patented design.

- ▶ **Eliminates drag coefficient inside the conduit**
- ▶ Provides “Push-Pull” system to get wire from source to the feeder
- ▶ Extends conduit life and increases arc-on time
- ▶ Enables longer conduit runs (150 ft/46m+), enabling centrally located wire packages as well as allowing the use of bulk wire in many applications that would normally require small spools
- ▶ Prevents burn backs caused by wire feeding problems
- ▶ Solves many feeding issues with large diameter wire used for SAW



**Pool option**  
WGM-PFA-STAND-SPOOL  
For use with WGM-PFA-STAND.



**Extension Arm**  
PFA-WM-EA  
Fits any Feed Assist Model.



**PFA Drive Rolls**  
Various size options  
All PFA drive rolls are **hard chromed and polished** for maximum performance and durability. Sold individually.

### DUAL DRIVE FEED ASSIST PFA-DD

The new Dual Drive Wire Pilot® Feed Assist is designed to handle large wire up to 3/16" (4.8 mm) and extra-long distance applications using standard size MIG wires. This heavy duty model features four drive rolls (sold separately) and additional torque to provide more power to effortlessly deliver wire to the feeder.

- ▶ Ideal solution for submerged arc welding applications using 1/16" (1.6 mm) and larger wire
- ▶ Utilizes same mounting pattern as the PFA-LM Feed Assist and may be mounted to the same adjustable stands and brackets
- ▶ Compatible with standard Wire Feed Assist drive rolls



**Adjustable Stand**  
for up to 4 Drums,  
Spools or  
Wood Reels  
WGM-PFA-STAND  
Adjusts to 86" (2.2 m);  
includes 1 arm (additional  
arms sold separately)



### RECOMMENDED FEED ASSIST MODELS BY WIRE SIZE & LENGTH OF WIRE DELIVERY RUN

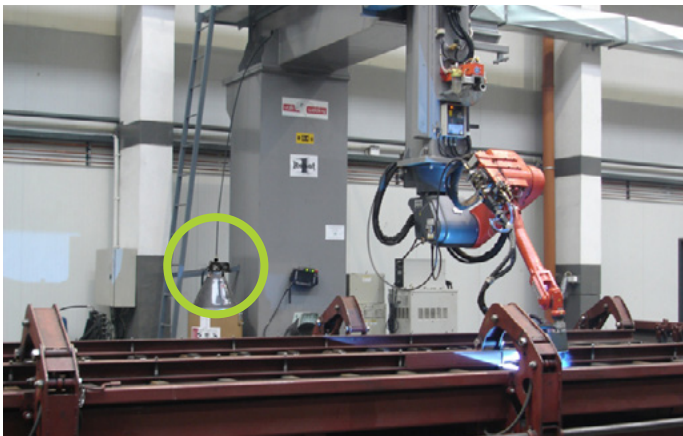
| Length                            | 0 - 25 ft | 25 - 50 ft | 50 - 75 ft | 75 ft +  |
|-----------------------------------|-----------|------------|------------|--|
| 0.030 - 1/16" (0.8 - 1.6 mm) wire | PFA-LM    | PFA-LM     | PFA-LM     | PFA-LM or PFA-DD (with multiple turns for >150 ft) |
| 1/16 - 3/16" (1.6 - 4.8 mm) wire  | PFA-DD    | PFA-DD     | PFA-LM x 2 | PFA-LM x 2   |

## WIRE PILOT® FEED ASSIST & ACCESSORIES

| Part No.            | Description  |
|---------------------|--|
| PFA-LM              | Wire Pilot® Feed Assist with open enclosure, includes PFA-FRL Filter/Regulator/Lubricator        |
| PFA-DD              | Wire Pilot® Dual Drive Feed Assist for Large Wires, includes PFA-FRL Filter/Regulator/Lubricator |
| A-5                 | Inlet/Outlet Quick Disconnect (insulator U-005 sold separately) for PFA-LM                       |
| A-1B-C              | Inlet Guide with Quick Disconnect for PFA-LM   |
| PFA-35-15           | Inlet Guide with Ceramic Inlet for PFA-LM  |
| PFA-64              | Large Wire Inlet Guide with Ceramic Inlet for PFA-LM or PFA-DD                                   |
| PFA-34              | Inlet Guide with 3/8"-18 NPS-F threads (connects to A-4HD disconnect) for PFA-LM                 |
| PFA-35              | Inlet Guide with Ceramic Inlet for PFA-LM  |
| PFA-65              | Inlet/Outlet Guide for PFA-LM or PFA-DD, 1/2" NPS-F; two included with each Feed Assist          |
| PFA-WT-DA           | Drum Adapter for PFA-LM  |
| PFA-DA              | Drum Adapter for PFA-LM  |
| PFA-WWTT            | Turn Table Adapter Kit for Wire Pilot® Feed Assist   |
| WGM-PFA-STAND       | Adjustable Wire Pilot® Feed Assist Stand for Drums or Spools                                     |
| WGM-PFA-STAND-ARM   | Additional Arm for Wire Pilot® Feed Assist Stand   |
| WGM-PFA-STAND-SPOOL | Wire Spool Holder for Wire Pilot® Feed Assist Stand  |
| WGM-PFA-AK-15       | Wire Pilot® Guide Module® Mounting Adapter (for PFA-LM only)                                     |
| WGM-PFA-SW-15       | Wire Pilot® Swivel Kit for Wire Guide Modules  |
| PFA-SK              | 24-volt Pneumatic Solenoid with Cable  |
| PFA-RK              | Wire Retract Kit for Reversing Wire Feed (24 V)  |
| PFA-DM              | Wire Pilot® Dual Mount Bracket   |
| PFA-WM-EA           | Wire Pilot® Pivoting Extension Arm Bracket   |

## WIRE PILOT® FEED ASSIST DRIVE ROLLS

| Part No.    | Description                                     |
|-------------|---|
| PFA-DR-035  | Feed Assist Drive Roll for 0.035" (0.9 mm) wire |
| PFA-DR-045  | Feed Assist Drive Roll for 0.045" (1.2 mm) wire |
| PFA-DR-052  | Feed Assist Drive Roll for 0.052" (1.3 mm) wire |
| PFA-DR-1-16 | Feed Assist Drive Roll for 1/16" (1.6 mm) wire  |
| PFA-DR-5-64 | Feed Assist Drive Roll for 5/64" (2.0 mm) wire  |
| PFA-DR-3-32 | Feed Assist Drive Roll for 3/32" (2.4 mm) wire  |
| PFA-DR-1-8  | Feed Assist Drive Roll for 1/8" (3.2 mm) wire   |
| PFA-DR-5/32 | Feed Assist Drive Roll for 5/32" (4.0 mm) wire  |
| PFA-DR-3/16 | Feed Assist Drive Roll for 3/16" (4.8 mm) wire  |



Wire Feed Assist installed in a robotic gantry application.



Tandem Wire Feed Assists Installed on a Mechanical Turn Table.