

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



Spool 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-20 Feed Assist and may be mounted to the same adjustable stands and brackets
- ▶ Compatible with standard Wire Feed Assist drive rolls



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-20	PFA-LM-20	PFA-LM-20	PFA-LM-20 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-20 x 2	PFA-LM-20 x 2

Guide Module® option

Feed Assist option

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)



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AMERICAN MADE

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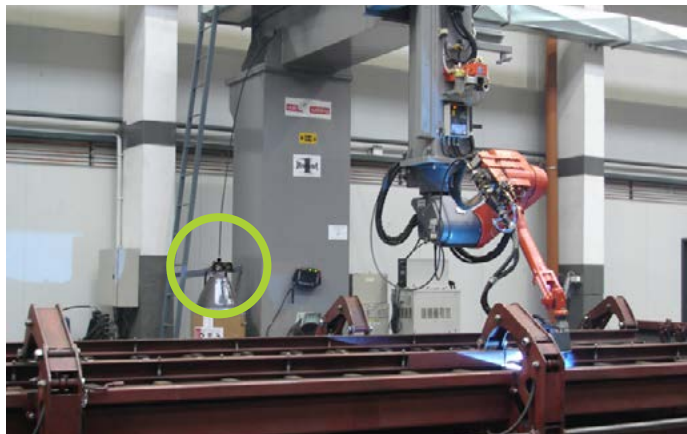
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WIRE PILOT® FEED ASSIST & ACCESSORIES

Part No.	Description
PFA-LM-20	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-20
A-1B-C	Inlet Guide with Quick Disconnect for PFA-LM-20
PFA-35-15	Inlet Guide with Ceramic Inlet for PFA-LM-20
PFA-64	Large Wire Inlet Guide with Ceramic Inlet for PFA-LM-20 or PFA-DD
PFA-34	Inlet Guide with 3/8"-18 NPS-F threads (connects to A-4HD disconnect) for PFA-LM-20
PFA-35	Inlet Guide with Ceramic Inlet for PFA-LM-20
PFA-65	Inlet/Outlet Guide for PFA-LM-20 or PFA-DD, 1/2" NPS-F; two included with each Feed Assist
PFA-WT-DA	Drum Adapter for PFA-LM-20
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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-20 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.