

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 (46m) 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.

- ▶ **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

Wire Pilot®
Feed Assist
PFA-LM-15



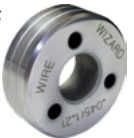
Patented design



Spool option
WGM-PFA-
STAND-
SPOOL
For use with
WGM-PFA-
STAND.

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-15 Feed Assist and may be mounted to the same adjustable stands and brackets
- ▶ Compatible with standard Wire Feed Assist drive rolls



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)



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-15	PFA-LM-15	PFA-LM-15	PFA-LM-15 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® ALL ENVIRONMENT FEED ASSIST

The **Wire Pilot® All Environment Wire Feed Assist** has all the features and benefits of the original Wire Feed Assist with a weatherproof, heavy duty housing and fittings. Suitable for outdoor or indoor applications requiring protection from the operating environment. Uses same drive rolls as the standard Feed Assist. Patented design.



Mounted on drum hood

- ▶ **Ideal for use in shipyards, outdoor fabrication and other applications subject to extreme conditions**
- ▶ **Allows for the use of bulk wire** in applications normally requiring spools on carts, resulting in significant cost savings on wire
- ▶ Enables longer conduit runs
- ▶ Eliminates drag coefficient inside the conduit
- ▶ Extends conduit life and increases arc-on time
- ▶ Compatible with 0.035 – 5/32" (1 – 4 mm) ferrous or non-ferrous wire



ALL ENVIRONMENT DRUM CART PACKAGE

- ▶ Includes cart with all terrain wheels or fork lift pockets, Feed Assist stand, weatherproof fittings and drum cover
- ▶ Portable and fully adjustable to 76" (1.9 m)
- ▶ Powder coated, all-steel construction
- ▶ For 20 – 21" (508 – 533 mm) round drums
- ▶ Package may be customized for your welding application, contact customer support staff for details



All Environment Drum Cart Package with Fork Lift Pockets
PFA-WT-DS



All Environment Drum Cart Package with Feed Assist and Wheels
PFA-WT-DC

WIRE PILOT® FEED ASSIST & ACCESSORIES

Part No.	Description
PFA-LM-15	Wire Pilot® Feed Assist with industrial enclosure, includes PFA-FRL Filter/Regulator/Lubricator
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-15
A-1B-C	Inlet Guide with Quick Disconnect for PFA-LM
PFA-35-15	Inlet Guide with Ceramic Inlet for PFA-LM-15
PFA-64	Large Wire Inlet Guide with Ceramic Inlet for PFA-LM-15 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-15 or PFA-DD, 1/2" NPS-F; two included with each Feed Assist
PFA-WT-DA	Drum Adapter for PFA-LM-15
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-15 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	Wire Pilot® Remote/Wall Mounting 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 PILOT® ALL ENVIRONMENT FEED ASSIST & ACCESSORIES

Part No.	Description
PFA-WT	Wire Pilot® All Environment Feed Assist
PFA-WT-DA	All Environment Feed Assist Drum Hood Mounting Kit
PFA-WT-DC	All Environment Drum Cart Package, includes wheels
PFA-WT-DS	All Environment Drum Cart Package — includes fork lift pockets
PFA-WT-IK	All Environment Wire Feed Assist Inlet Kit
WWDP-WT	All Environment Direct Pull Kit