

Two 45° Guide Module
Modules combined
to form a 90° turn

THE NEW PATH OF LEAST RESISTANCE!

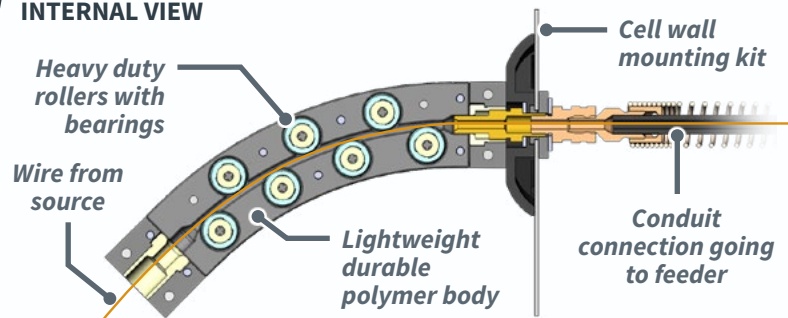
The innovative **Wire Wizard® Guide Module® System** utilizes a series of rollers with bearings to allow the weld wire to "coast" around bends and corners in the conduit, eliminating the points of high friction that occur in these areas. By eliminating the friction on the wire, it eliminates arc failures, improves consistency and enables considerably longer conduit runs of 100 feet or more, allowing wire packages to be centrally located. Each 45° Guide Module® may be connected to additional modules to form turns of 90°, 135° or 180° within the wire dispensing system. Compatible with ferrous and non-ferrous wires.

FOUR MODELS AVAILABLE TO COVER VIRTUALLY ALL WELDING APPLICATIONS

- ▶ **Standard Guide Module®**
For solid wires 0.035 – 5/64" (0.9 – 2 mm)
- ▶ **90° Mini Guide Module®**
For solid wires up to 0.052 (1.3 mm), compact size for tight 90° turns
- ▶ **Heavy Duty Guide Module® HD***
For cored and stainless steel wires 0.035 – 5/64" (0.9 – 2 mm)
- ▶ **Large Guide Module® XL***
Compatible with large wire 3/32" – 5/32" (2.4 – 4 mm)

* The Guide Module® HD and Guide Module® XL both contain steel rollers for heavy duty applications

INTERNAL VIEW



45° Guide Module®
mounted on
drum cover

FEATURES & BENEFITS

- ▶ **Eliminates skid friction** on the wire in areas where bends/corners are necessary throughout the wire dispensing system
- ▶ Smooth, low friction wire feeding **improves consistency of welds, eliminates arc failures and reduces downtime**
- ▶ **Turns POUNDS of pull force at the feeder into OUNCES!**
- ▶ Considerably less expensive than alternative methods of eliminating friction on wire over long distances
- ▶ Allows long distance conduit runs of 100 feet + (30.5 m +)
- ▶ Increases life of the conduit and consumables by reducing friction
- ▶ Saves floor space by allowing wire packages to be located closer to the cell wall
- ▶ 45° modules may be connected together to form a 90° turn, 135° turn, 180° turn
- ▶ Tool & Diagnostic Kit available; includes assembly and testing tools
- ▶ **3 YEAR GUARANTEE!** (excludes damage caused by industrial contaminants)

45° WIRE GUIDE MODULES

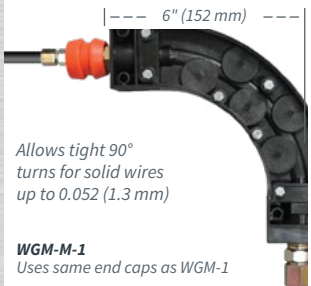


WGM-1
For solid wire up to 5/64" (2 mm)

WGM-1-S
For cored and stainless wire up to 5/64" (2 mm)

WGM-LW-1
For large wire 3/32" - 5/32" (2.4 mm - 4 mm)

90° WIRE GUIDE MODULE®

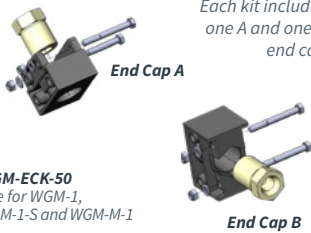


6" (152 mm)

Allows tight 90° turns for solid wires up to 0.052 (1.3 mm)

WGM-M-1
Uses same end caps as WGM-1

END CAP CONNECTORS



Each kit includes one A and one B end cap

End Cap A

End Cap B

WGM-ECK-50
Use for WGM-1, WGM-1-S and WGM-M-1

WGM-LW-ECK-50
For WGM-LW-1

FACE MOUNT BRACKET KIT

ALLOWS 360° DIRECTIONAL ADJUSTMENT



WGM-A-10BK
Add WGM-A5 or order WGM-2-BRKT for insulated connections

CONDUITS & FITTINGS

EC-4-R (7.6 mm I.D.)
Fittings: A-16F-4 or A-10C-H

EC-5 (10.2 mm I.D.)
Fittings: A-16F-5 or A-10R

WIRE WIZARD® POLYMER CONDUIT

A-16F-# Screw-on Fitting

WGM-A5 All modules except WGM-LW-1

Guide Module® End Cap

A-10HM for EC-4-R

A-10## Compression

Quick Disconnect A-5HD for WGM-LW-1 only

CONDUITS & FITTINGS

FC-X (6.1 mm I.D.)
Fitting: A-10C-X

FC-XH (7.4 mm I.D.)
Fitting: A-10R

FC-XH-LW (10 mm I.D.)
Fitting: A-9

WIRE WIZARD® EXTRA FLEXIBLE CONDUIT

A-10## Compression

WGM-A5 All modules except WGM-LW-1

Guide Module® End Cap

Swaged Fitting (pre-cut only)

A-9 WGM-LW-1 only

A-6HD Quick Disconnect A-5HD for WGM-LW-1 only

*See catalog or website for additional options and accessories

CELL WALL MOUNTING KIT

SINGLE-SIDED



WGM-WK-1-1

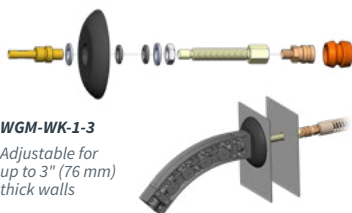
CELL WALL MOUNTING KIT

DOUBLE-SIDED



WGM-WK-2-1

ADJUSTABLE WALL MOUNT BRACKET



WGM-WK-1-3
Adjustable for up to 3" (76 mm) thick walls

FLOOR MOUNTING BRACKET



WGM-FLM
Modules may be attached to one or both sides

GUIDE MODULE® STAND FOR DRUM OR WOOD REEL APPLICATION



Guide Module® Stand WGM-PFA-STAND
Includes stand and one adjustable extension arm

Optional swivel with 90° module

Direct Pull Kit WWDP

WGM-A-10BK

Wire Pilot® Feed Assist option

Wire Spool option WGM-PFA-STAND-SPOOL


Drum or Wood Reel

Adjustable height from 50" - 86" (1.3 - 2.2 m)

Adjustable arm length from 4" - 19" (102 - 483 mm)

GUIDE MODULE® STAND FOR MEZZANINE APPLICATION

FOR APPLICATIONS WHERE WIRE SOURCE IS ABOVE WELD CELL



Side Mount Bracket WGM-3-BRKT

Direct Pull Kit WWDP

Conduit to wire feeder

Additional arm WGM-PFA-STAND-ARM

Guide Module® Stand WGM-PFA-STAND
Includes stand and one adjustable extension arm

Adjustable height from 50" - 86" (1.3 - 2.2 m)

Adjustable arm length from 4" - 19" (102 - 483 mm)

Drum or Wood Reel

Wire Wizard® Fire Resistant Drum Covers and Dollies Available

L-BRACKET MOUNTING KIT



WGM-LBM-BRKT

360° UNION ADAPTER KIT

ALLOWS DUAL 360° DIRECTIONAL ADJUSTMENT



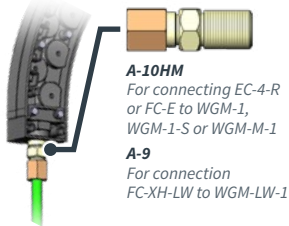
WGM-UAK
Includes Bracket

Union kit assembly

COMPONENTS AND MOUNTING ACCESSORIES

CONDUIT CONNECTOR OPTIONS

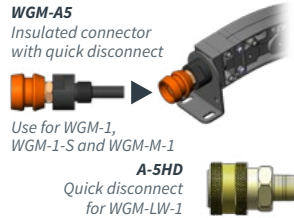
THREADED CONNECTORS



A-10HM
For connecting EC-4-R or FC-E to WGM-1, WGM-1-S or WGM-M-1

A-9
For connection FC-XH-LW to WGM-LW-1

DETACHABLE QD CONNECTORS



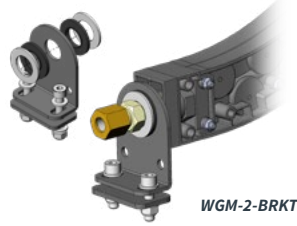
WGM-A5
Insulated connector with quick disconnect

Use for WGM-1, WGM-1-S and WGM-M-1

A-5HD
Quick disconnect for WGM-LW-1

INSULATED FACE MOUNT BRACKET

ALLOWS 360° DIRECTIONAL ADJUSTMENT



WGM-2-BRKT

DRUM HOOD MOUNTING KIT



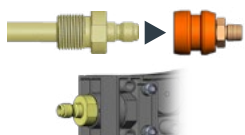
WGM-DK

DIRECT PULL INLET

WGM-DP-LW
Includes ceramic inlet — will not shave wire



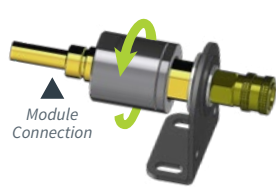
MALE DISCONNECT FITTINGS



WGM-049
Male fitting for WGM-1, WGM-1-S and WGM-M-1

WGM-LW-049
Fitting for WGM-LW-1

BRACKET MOUNTED SWIVEL KIT



Module Connection

WGM-SW-BM
Includes WGM-A-10BK style bracket

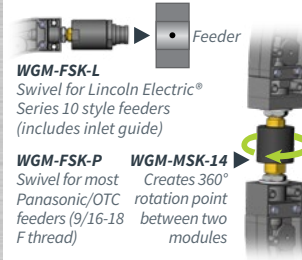
HOOD SWIVEL KIT

Allows 360° rotation on top of drum cover.



WGM-HSK-15

MODULE / FEEDER SWIVEL KITS

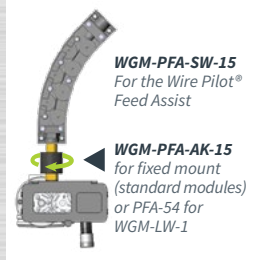


WGM-FSK-L
Swivel for Lincoln Electric® Series 10 style feeders (includes inlet guide)

WGM-FSK-P
Swivel for most Panasonic/OTC feeders (9/16-18 F thread)

WGM-MSK-14
Creates 360° rotation point between two modules

FEED ASSIST SWIVEL KIT



WGM-PFA-SW-15
For the Wire Pilot® Feed Assist

WGM-PFA-AK-15
for fixed mount (standard modules) or PFA-54 for WGM-LW-1

45° HANGING BRACKET KIT



WGM-1-BRKT

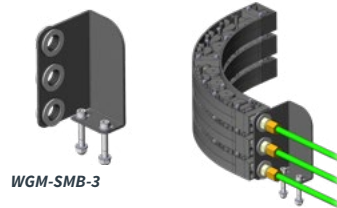
90° HANGING BRACKET KIT



WGM-1-90-BRKT
WGM-LW-BRKT for WGM-LW-1

STACKABLE GUIDE MODULE® BRACKET

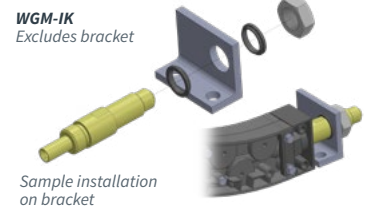
ALLOWS MOUNTING OF UP TO 3 STACKED MODULES



WGM-SMB-3

FEEDER INLET MOUNT KIT

MOUNTS TO FEEDER THROUGH BRACKET OR PANEL

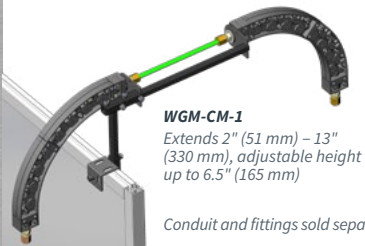


WGM-1K
Excludes bracket

Sample installation on bracket

ADJUSTABLE EXTENSION ARM

FOR INSTALLATION AT THE TOP OF THE WELD CELL WALL

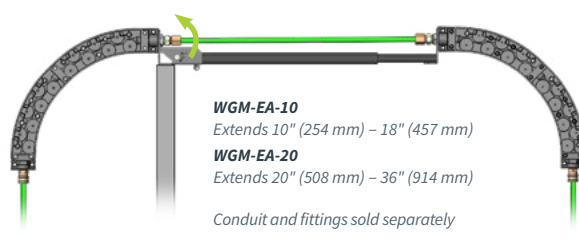


WGM-CM-1
Extends 2" (51 mm) – 13" (330 mm), adjustable height up to 6.5" (165 mm)

Conduit and fittings sold separately

PIVOTING ADJUSTABLE EXTENSION ARMS

BOTH ARMS PIVOT UPWARD TO ALLOW EASY WIRE FEEDING FROM DRUMS & REELS



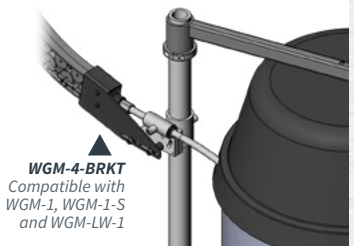
WGM-EA-10
Extends 10" (254 mm) – 18" (457 mm)

WGM-EA-20
Extends 20" (508 mm) – 36" (914 mm)

Conduit and fittings sold separately

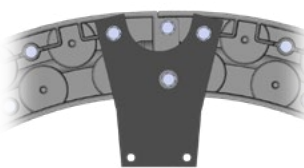
TURN TABLE MODULE ADAPTER

SECURES MODULES TO WIRE WIZARD® TURN TABLE



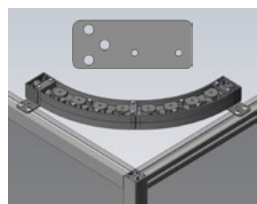
WGM-4-BRKT
Compatible with WGM-1, WGM-1-S and WGM-LW-1

WELD-ON OR BOLT-ON MOUNTING BRACKET



WGM-044

SUPPORT BRACKET



WGM-021

SLOTTED SUPPORT BRACKET



WGM-024

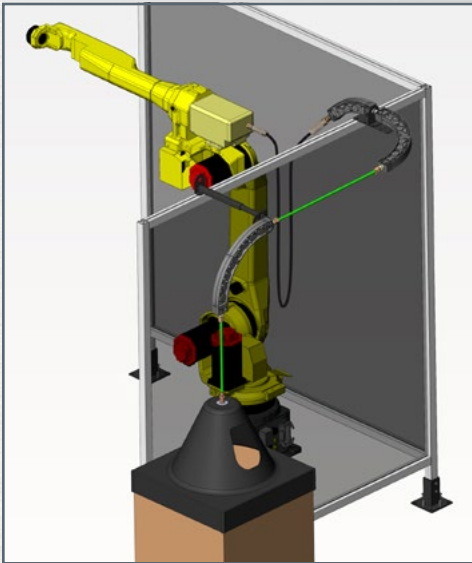
45° ANGLE SUPPORT BRACKET



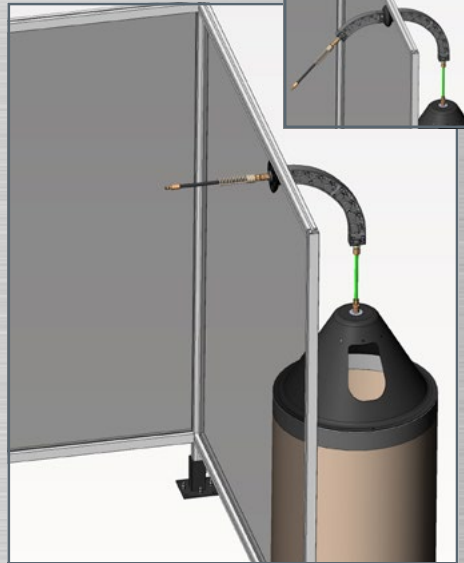
WGM-025

THE NEW PATH OF LEAST RESISTANCE!

GUIDE MODULE SYSTEM SAMPLE APPLICATIONS



Setup with Modules mounted on top of cell

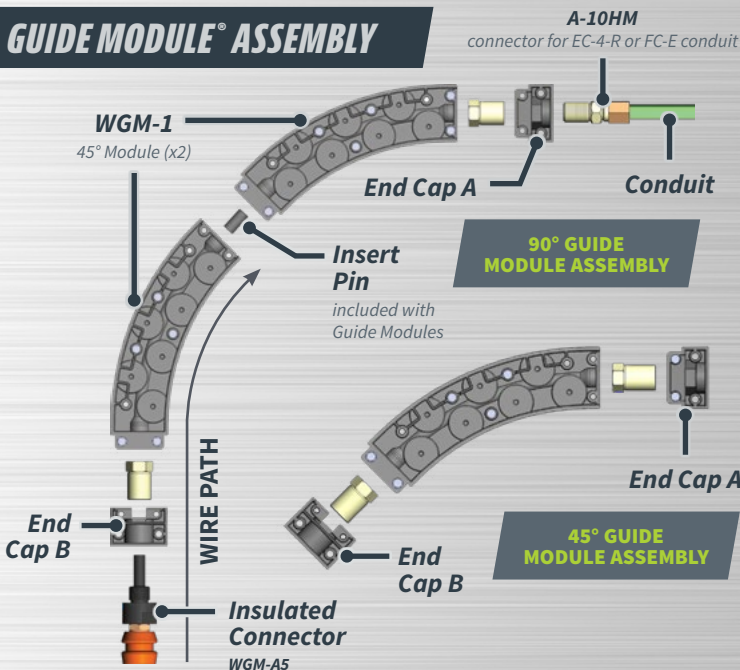


Setup with Modules mounted on cell wall, saving valuable floor space



180° Modules installed on cell with two robots and the Non-Stop™ Wire Dispensing System

GUIDE MODULE® ASSEMBLY



Guide Module® Assembly Tool Kit

WGM-ATK
Contains all the essential tools for installation and testing of the Guide Module® System and conduit run to the feeder.

