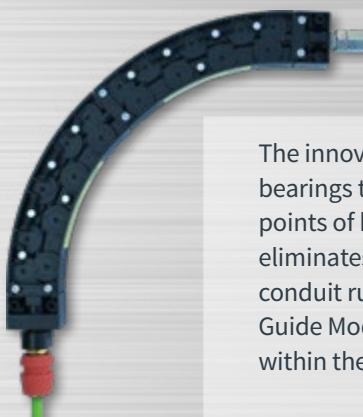


THE NEW PATH OF LEAST RESISTANCE!



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



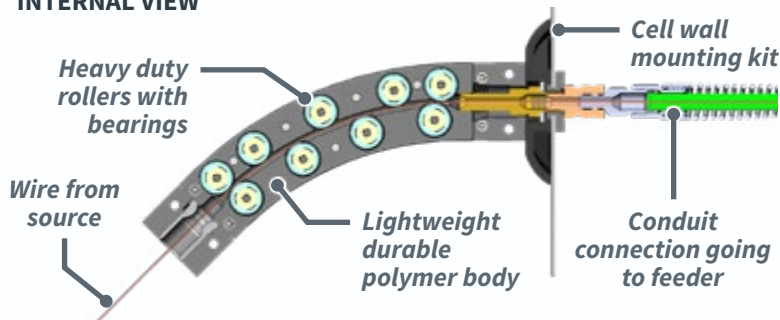
The innovative **Wire Wizard® Guide Module® System** utilizes a series of rollers with bearings to allow the wire to "coast" around bends and corners in the conduit, eliminating points of high friction that occur in these areas. By eliminating friction on the wire, it eliminates arc failures, improves welding 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 delivery 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



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)

NEW & IMPROVED DESIGN
FOR EASY MAINTENANCE AND TROUBLE-FREE WIRE DELIVERY

45° Guide Module® mounted on drum cover



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)

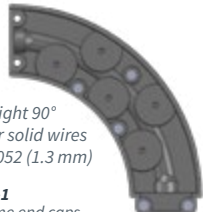
WGM-LW-1

For large wire
3/32" – 5/32" (2.4 mm – 4 mm)



90° MINI 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



End Cap A

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

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



End Cap B

Each kit includes
one A and one B
end cap

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

A-10HM

for EC-4-R

A-10##

Compression

Quick Disconnect

A-5 with WGM insert

Guide Module®
End Cap

CONDUITS & FITTINGS

FC-X

(6.1 mm I.D.)

Fitting: A-10C-X with WGM-A5

A-10XM without WGM-A5

FC-XH

(7.4 mm I.D.)

Fitting: A-10R

FC-XH-LW

(10 mm I.D.)

Fitting: A-9R-HD (with A-5HD)

A-9 (without A-5HD)

WIRE WIZARD® EXTRA FLEXIBLE CONDUIT

A-10##

Compression

WGM-A5

All modules except WGM-LW-1

Swaged Fitting

(pre-cut only)

A-9R-HD

Quick Disconnect

A-5HD

for WGM-LW-1 only

Guide Module®
End Cap

CELL WALL MOUNTING KIT

SINGLE-SIDED



WGM-WK-1-1

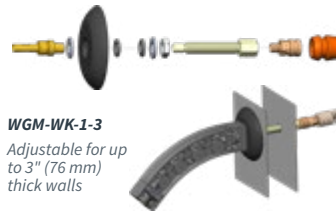
CELL WALL MOUNTING KIT

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 maybe
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

Wire Pilot® Feed Assist option

Wire Spool option WGM-PFA-STAND- SPOOL

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

Additional Arm WGM-PFA- STAND-ARM

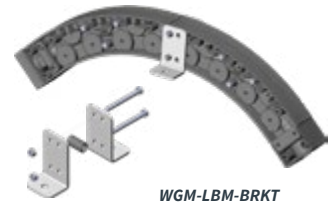
Guide Module® Stand WGM-PFA-STAND

Includes stand/
one adjustable arm

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

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

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

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)

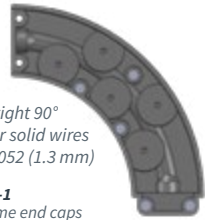
WGM-LW-1

For large wire 3/32" – 5/32" (2.4 mm – 4 mm)



90° MINI GUIDE MODULE®

6" (152 mm)

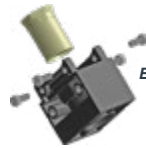


Allows tight 90° turns for solid wires up to 0.052 (1.3 mm)

WGM-M-1

Uses same end caps as WGM-1

END CAP CONNECTORS



End Cap A

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

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



End Cap B

Each kit includes one A and one B end cap

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-10##

Compression



Quick Disconnect A-5 with WGM insert

CONDUITS & FITTINGS

FC-X

(6.1 mm I.D.)

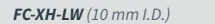
Fitting: A-10C-X with WGM-A5

A-10XM without WGM-A5

FC-XH

(7.4 mm I.D.)

Fitting: A-10R



FC-XH-LW

(10 mm I.D.)

Fitting: A-9R-HD (with A-5HD)

A-9 (without A-5HD)

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-9R-HD

Quick Disconnect

A-5HD

for WGM-LW-1 only



CELL WALL MOUNTING KIT

SINGLE-SIDED



WGM-WK-1-1

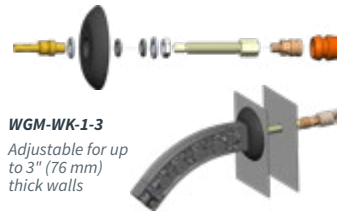
CELL WALL MOUNTING KIT

DOUBLE-SIDED



WGM-WK-2-1

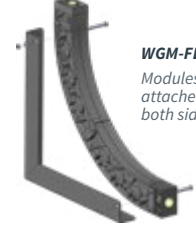
ADJUSTABLE WALL MOUNT BRACKET



WGM-WK-1-3

Adjustable for up to 3" (76 mm) thick walls

FLOOR MOUNTING BRACKET



WGM-FLM

Modules maybe attached to one or both sides

GUIDE MODULE® STAND

FOR DRUM OR WOOD REEL APPLICATION



Optional swivel with 90° module

Guide Module® Stand WGM-PFA-STAND

Includes stand and one adjustable extension arm

Wire Pilot® Feed Assist option

Wire Spool option WGM-PFA-STAND-SPOOL

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

Additional Arm WGM-PFA-STAND-ARM

Guide Module® Stand WGM-PFA-STAND

Includes stand/one adjustable 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

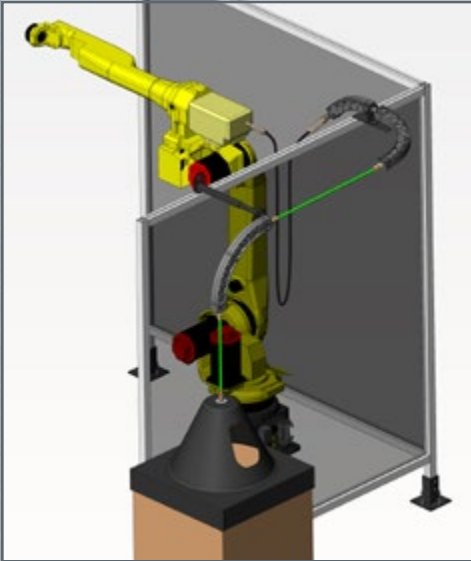
WGM-UAK
Includes Bracket



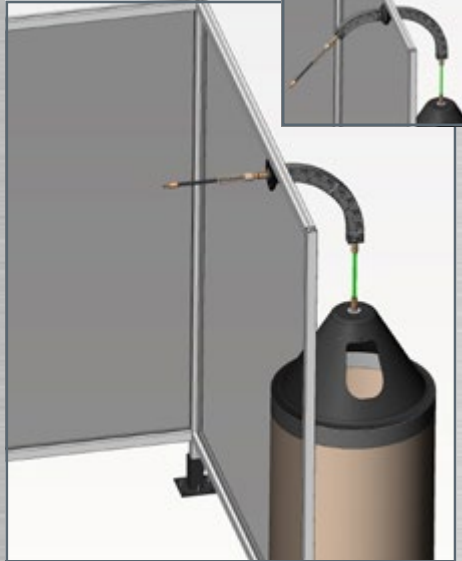
Union kit assembly

THE NEW PATH OF LEAST RESISTANCE!

GUIDE MODULE® SAMPLE APPLICATIONS



Setup with Modules mounted on top of cell

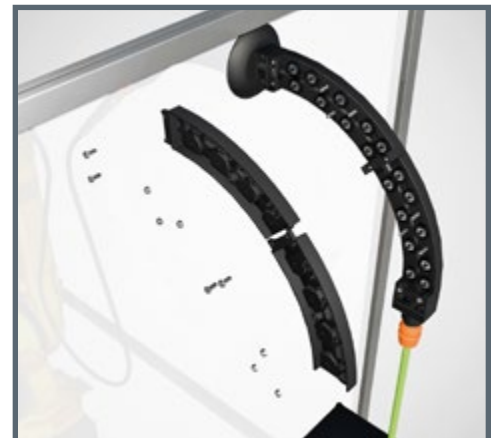
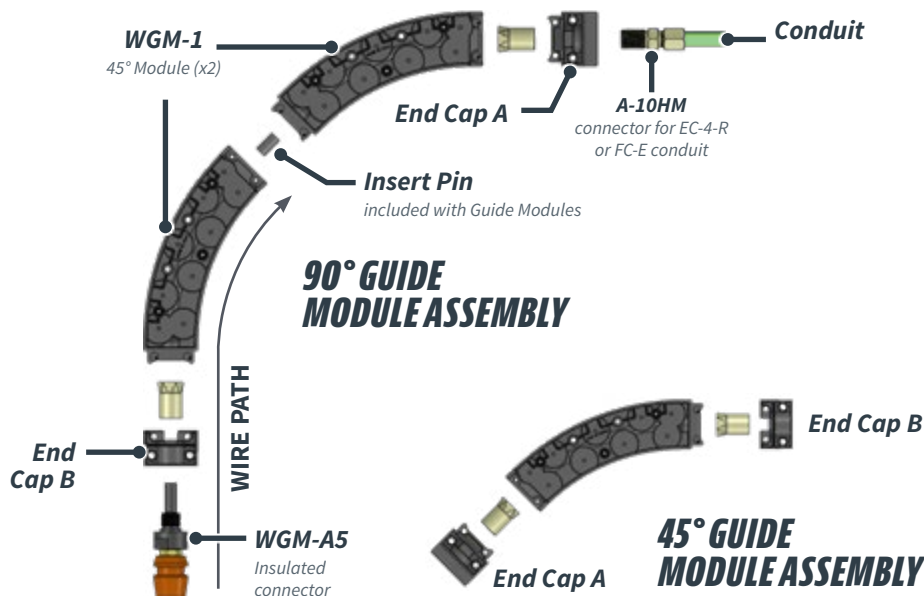


Setup with Modules mounted on cell wall, saving valuable floor space



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

GUIDE MODULE® ASSEMBLY



Removable cover provides quick access for troubleshooting and maintenance without uninstalling from the production line