WIRE WIZARD®
WELDING PRODUCTS

Kit # WDK-ADR-1P

For applications using up to 1/16" (1.6mm) non-ferrous or aluminum wire

WGM-A5

WGM 90° Assembly

---- Up to 150 ft (46m) ----

Feeder Connection Examples

A-4L-H Liner

Miller® *(varies based on feeder model)*
U-005   A-1A-C

Lincoln Electric® *(varies based on feeder model)*
A-4-ST-I   A-1LN

Feeder Inlet

Wire Pilot® Wire Feed Assist *Prevents "birdnesting" of aluminum wire*

WGM-A-10BK Face Mount Bracket

Strain Relief Connector

Stand for Feed Assist & Guide Modules

Telescoping Conduit Quick Disconnect Kit *Slides up for easy drum change-out*

Drum Hood

WizardGear™ Cable Management Kit *(optional)* *Protects & secures power cables, gas lines and sensor cables. Currently available for Fanuc® 100/120ic robots only.*

Fire Resistant Drum Cover

Green Polymer Conduit *Crosslinked polymer conduit offers enhanced strength & durability*

FDD-MD Drum Dolly

Note: Robot may be located closer to weld cell wall than shown (depending on application)

Non-ferrous/Aluminum Wire Delivery Kit WDK-ADR-1P Parts List:

Part #	Description		Quantity of Kits with Selected Options Required:	Qty
FDD-MD	Drum Dolly for Wire Drums or Boxes up to 25"	Use WWSD Skid Dolly (27.5" square) instead	No drum dolly needed	1
Select Option >>	Drum Hood with Direct Pull Kit - Select Drum Size/Type:			1
Select Option >>	Fire Resistant Drum Cover (OSHA requirement within 35 ft of arc) - Select Cover:			1
EC-TCD-A	Telescoping Conduit Quick Disconnect Kit for non-ferrous wires (with crosslinked polymer conduit)			1
WGM-PFA-STAND	Adjustable Stand for Feed Assist and Guide Modules - adjusts up to 86" (2.2m) high			1
PFA-LM-15	Wire Pilot® Feed Assist (includes filter/regulator, works with standard shop air)	Wire Size for Drive Rolls:		1
WGM-PFA-AK-15	Wire Pilot® Feed Assist to Guide Module Adapter			1
WGM-A5	Wire Wizard® Guide Module Insulated Disconnect			3
WGM-1	Wire Wizard® Guide Modules (45° sections)			3
WGM-ECK-50	Wire Wizard® Guide Module End Cap Kit (includes inlet & outlet ends)			2
WGM-A-10BK	Face Mount Bracket Kit for Wire Wizard® Guide Modules			1
Select Option >>	Conduit - Inside Cell:		Custom Length: FT	1
Select Option >>	Conduit - Outside Cell:		Custom Length: FT	1
Enter Details >>	Feeder Inlet Connection Kit - Enter Feeder Make & Model Number:			1

Optional Accessories

WWSB-M12-K	Wire Presence Sensor Block & 12mm PNP Proximity Switch (connects to PLC) - signals/stops cycle when drum is empty	
A-4L-H	Connector Liner to protect non-ferrous wires from touching steel connection points	Quantity Required:
CM-F-3	WizardGear™ Cable Management Kit for Fanuc® 100/120ic Robots *(kits can be developed for other robot models, contact us for details)*	
WSS-100-A-K	Wire Straightener for Non-ferrous Wire up to 1/16" (1.6mm), for installation at the wire feeder - includes fittings & A-3 quick disconnect	
FDL-###	Drum Lifter - Select Lifter:	Include Fork Lift Adapter
RCH-###	Retractable Conduit Balancer for hanging conduit from ceiling - Select Balancer:	
EC-CUTTER	Polymer Conduit Cutter	
EC-DB	Countersink Tool for Polymer Conduit Installation	