

AUTODRIVE® S

Servo Driven Wire Feeder for Robotic Welding

Precise

- Eliminates Burnbacks
- 85% Less Spatter than Standard Feeding Technology
- Improved Contact Tip Life for Increased Productivity

Consistent

- Perfect Wire Feed Control
- Eliminates Dog Bones
- Better Part Consistency
- Superior Feeding Enhances Advanced Control Process Performance

Clean

- Eliminate Post-Weld Clean-Up
- Reduced Scrap
- Reduced Maintenance

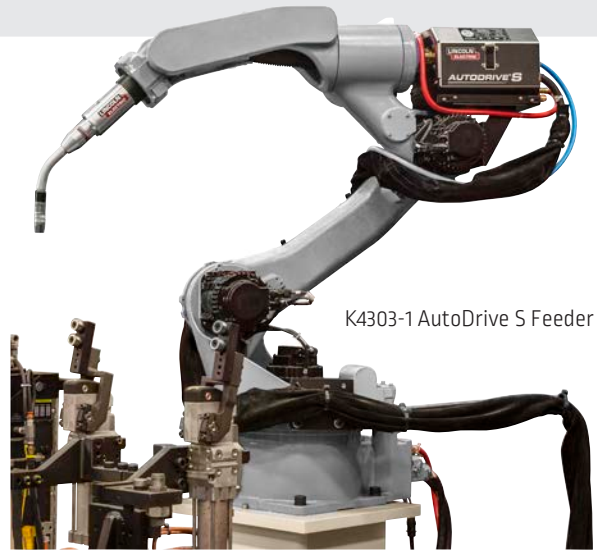
Processes

GMAW - Steel

Output



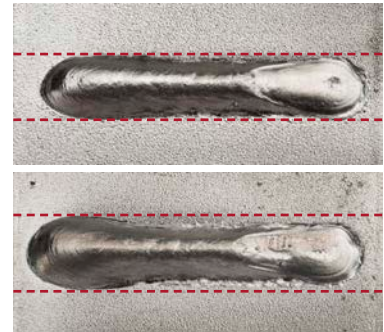
Input



K4303-1 AutoDrive S Feeder



85% less spatter



Eliminates dog bones



Improved contact tip life

Compatible Power Sources:

- Power Wave® S350
- Power Wave S500
- Power Wave R350
- Power Wave R500
- Power Wave i400

Compatible Robotic Arms

- Fanuc®
- Motoman®

What's Included

- Feeder
- Torch
- Mounting Bracket
- Feeder Insulator
- Breakaway Disk
- Housing
- Nose Cone
- Gun Tube
- Diffuser
- Recessed Nozzle
- Insulator
- Contact Tip
- Liner
- Air-Blast Kit

Applications

- Automotive
- Trailer Manufacturing
- General Fabrication

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output	Input Current	Output Range	H x W x D in (mm)	Weight lbs (kg)	WFS Range
AutoDrive® S Feeder	K4303-1	N/A (Power and Data via ArcLink®)	500A @ 100% Duty Cycle	N/A	N/A	7.0 x 7.5 x 10.8 (177.8 x 190.5 x 274.3)	14.5 (6.58)	30-800 ipm
AutoDrive S One-Pak® for Fanuc® Arc Mate 100iC	K4306-100iC							
AutoDrive S One-Pak for Fanuc Arc Mate 100iCA	K4306-100iCA							
AutoDrive S One-Pak for Fanuc Arc Mate 100iCW	K4306-100iCW							
AutoDrive S One-Pak for Fanuc Arc Mate 100iC/6L	K4306-100iC/6L							
AutoDrive S One-Pak for Fanuc Arc Mate 100iC/6LA	K4306-100iC/6LA							
AutoDrive S One-Pak for Fanuc Arc Mate 100iC/6LW	K4306-100iC/6LW							
AutoDrive S One-Pak for Fanuc Arc Mate 120iC	K4306-120iC							
AutoDrive S One-Pak for Fanuc Arc Mate 120iCA	K4306-120iCA							
AutoDrive S One-Pak for Fanuc Arc Mate 120iCW	K4306-120iCW							
AutoDrive S One-Pak for Fanuc Arc Mate 120iC/10L	K4306-120iC/10L							
AutoDrive S One-Pak for Fanuc Arc Mate 120iC/10LA	K4306-120iC/10LA							
AutoDrive S One-Pak for Fanuc Arc Mate 120iC/10LW	K4306-120iC/10LW							
AutoDrive S One-Pak for Motoman® MA 1440	K4306-MA1440							
AutoDrive S One-Pak for Motoman MA 1440A	K4306-MA1440A							
AutoDrive S One-Pak for Motoman MA 1440W	K4306-MA1440W							
AutoDrive S One-Pak for Motoman MA 2010	K4306-MA2010							
AutoDrive S One-Pak for Motoman MA 2010A	K4306-MA2010A							
AutoDrive S One-Pak for Motoman MA 2010W	K4306-MA2010W							

*The AutoDrive S is compatible only with Magnum® Pro products.

*Fanuc and Motoman robots compatible with the AutoDrive S are available with air-blast (A), and wire brake (W) capabilities.

CUSTOMER ASSISTANCE POLICY

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