

FEEDALL FLEX 612

The compact flex feeder FOR BIG ROBOT APPETITES.

Ideal for parts from 2 to 65 mm (0.1 - 2.6 in) in size



With its fits-anywhere footprint, Feedall Flex 612 seamlessly integrates into tight floor plans while serving up parts of any material or surface condition. In fact, one 612 can accommodate parts ranging from 2 to 65 mm (0.1 - 2.6 in) and a max payload of up to 4 kg (8.8 lbs). Made in America for the hungriest robots.

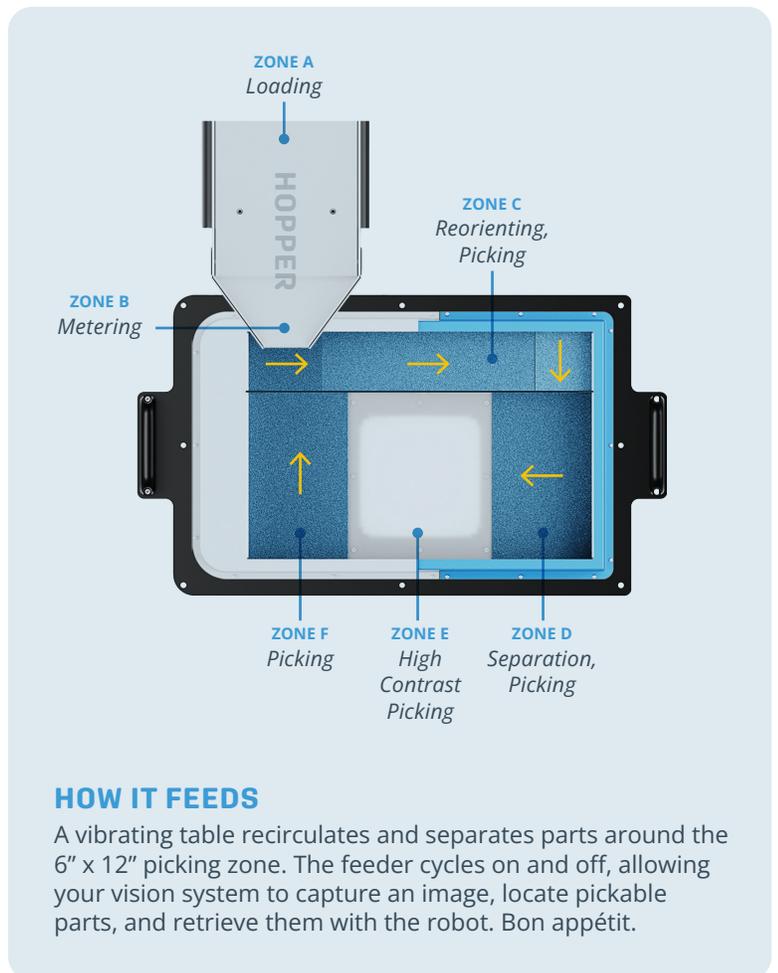
WHY FEEDALL FLEX FEEDERS

Vs. Bin Picking:

- Requires more economical 2D vision camera
- Simplified programming and setup time
- Predictable cycle times and feed rates
- Provides part separation and orientation for increased pickability

Vs. Others:

- Largest pickable area in the industry
- Handles the heaviest parts
- Provides superior part control for face selection and orientation
- Features an integrated stabilization plate
- Ensures American-made quality and lead-times



CONTACT

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LEARN MORE



GET A QUOTE

DIMENSIONS

A	76 mm	3.0 in	H	220 mm	8.7 in
B	114 mm	4.5 in	I	305 mm	12.0 in
C	305 mm	12.0 in	J	177 mm	7.0 in
D	440 mm	17.3 in	K (pick)	132 mm	5.2 in
E	635 mm	25.0 in	K* (pick)	106 mm	4.2 in
F	76 mm	3.0 in	L	13 mm	0.5 in
G	152 mm	6.0 in	WEIGHT	30 kg	42 lb

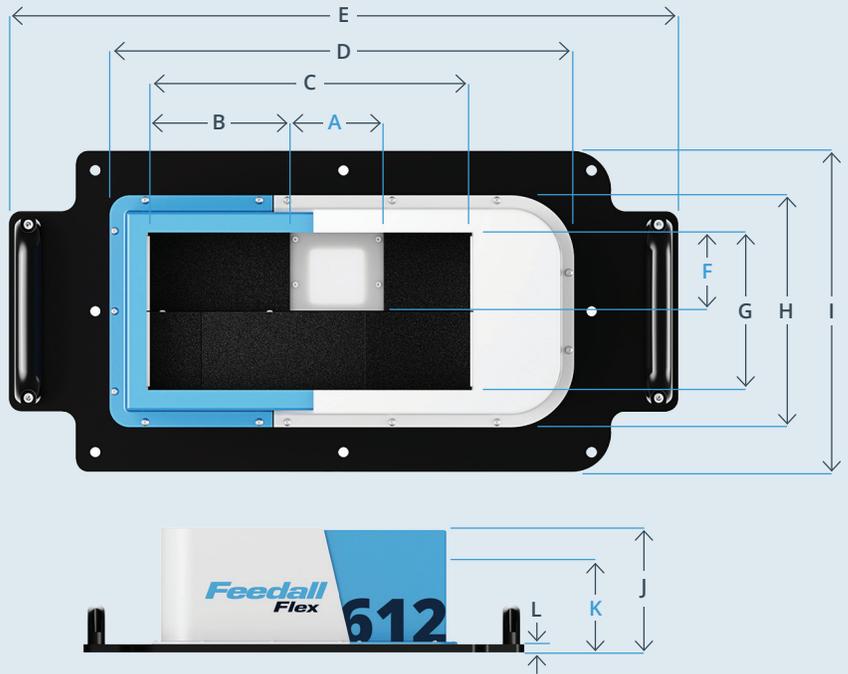
*Pick height with ramp option

SPECIFICATIONS

Dimension of parts	2 - 65 mm	0.1 - 2.6 in
Pick area	46,451 mm ²	72 in ²
Diagonal	340 mm	13.4 in
Backlit area	5,806 mm ²	9.0 in ²
Max payload	4.0 kg	8.8 lb
Max part weight	100 g	0.22 lb
Overall dimensions	305 mm x 635 mm	12 x 25 in
Pick depth	45 mm* / 71 mm	1.8 in* / 2.8 in
Power demand	110VAC (4A) / 24VDC	
Data connections	M12	

HOPPER OPTIONS

0.5 CU FT (14 Liters)
1.0 CU FT (28 Liters)
Side Load
Front Load
Metering Control



CHOOSE THE KIT FOR YOUR ROBOT-NOSHING NEEDS

Our smallest feeder is designed as a table-top component but can easily be mounted to a stand or pedestal. We've customized three product bundles to accommodate different needs:

	✓ Coil Controls	✓ Coil Sensors	2D Camera	3D Camera	I/O Block	Robot Guidance
Complicated Part Geometries			Complex			Simple
Easy to Integrate			Difficult			Easy
Pick Speed			Slow			Fast
Affordability			Expensive			Economical

Basic Bundle

For system integrators or end-users who want to integrate the controls and vision themselves

	✓ Coil Controls	✓ Coil Sensors	✓ 2D Camera	3D Camera	✓ I/O Block	✓ Robot Guidance
Complicated Part Geometries						Simple
Easy to Integrate						Easy
Pick Speed						Fast
Affordability						Economical

MOST POPULAR

Plug-and-Play Bundle

For the simplest integration and user experience

	✓ Coil Controls	✓ Coil Sensors	2D Camera	✓ 3D Camera	✓ I/O Block	✓ Robot Guidance
Complicated Part Geometries						Simple
Easy to Integrate						Easy
Pick Speed						Fast
Affordability						Economical

Advanced Guidance Bundle

Only required for the most complex parts with multiple pickable features and orientations

HIGH-PERFORMANCE FEATURES WITH A SIDE OF ACCESSORIES:

All Feedall Flex Feeders offer built-in features and options to help you streamline operations and maximize throughput.

Standard Features

- Heavy-duty construction
- Coil Monitoring Sensors
- Lifting handles
- Sturdy stabilization plate
- Powder-coated finish

Optional Accessories

- Guide Eye Camera and Controls
- Removable airbox for detangling parts
- Integrated LED backlight
- Gentle part flipping fixtures
- Various hoppers for part metering
- Camera mounting fixture
- Surface kits for part control
- Fabricated cart



ABOUT FEEDALL

Feedall Automation was founded in 1946 with the goal of helping companies achieve higher production rates. Since then, we've honed our reputation as pioneers and innovators providing part feeding, material handling solutions, and equipment that optimize robot performance.

over **22,000** orders

over **2,000** happy customers

over **75** years in business