INCREASE YOUR SERVING SIZE

with a larger flex feeder.

Ideal for parts from 5 to 175 mm (0.2 - 6.9 in) in size

Our larger sized Feedall Flex 1624 increases capacity without sacrificing the versatility of smaller models. The expanded area can handle 15 kg *(33.1 lbs)* of parts, with lengths up to 175 mm *(6.9 in)* long. And this American-made flex feeder can be outfitted with additional features, such as a hopper or a part detangler. It's time to serve up more possibilities.
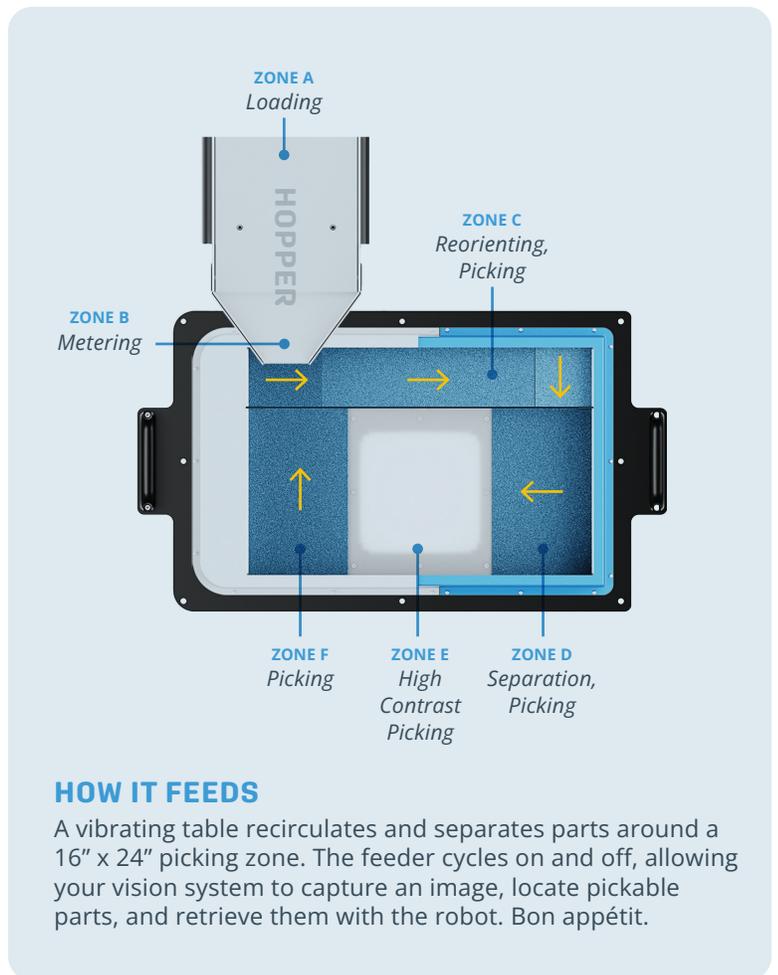
WHY FEEDALL FLEX FEEDERS

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

ZONE A
Loading

ZONE C
Reorienting, Picking

ZONE B
Metering

HOPPER

ZONE F
Picking

ZONE E
High Contrast Picking

ZONE D
Separation, Picking

HOW IT FEEDS

A vibrating table recirculates and separates parts around a 16" x 24" picking zone. The feeder cycles on and off, allowing your vision system to capture an image, locate pickable parts, and retrieve them with the robot. Bon appétit.

CONTACT

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Willoughby, Ohio 44094

sales@feedall.com
1-800-942-8101

LEARN MORE   **GET A QUOTE**

FEEDALL FEEDS ALL.

DIMENSIONS

A	254 mm	10.0 in
B	178 mm	7.0 in
C	610 mm	24.0 in
D	745 mm	29.3 in
E	940 mm	37.0 in
F	298 mm	11.7 in
G	406 mm	16.0 in

H	473 mm	18.6 in
I	533 mm	21.0 in
J	211 mm	8.3 in
K (pick)	146 mm	5.7 in
K* (pick)	165 mm	6.5 in
L	13 mm	0.5 in
WEIGHT	71 kg	157 lb

Pick height with ramp option

SPECIFICATIONS

Dimension of parts	5 - 175 mm	0.2 - 6.9 in
Pick area	247,741 mm²	384 in²
Diagonal	732 mm	28.8 in
Backlit area	75,484 mm²	117 in²
Max payload	15.0 kg	33.1 lb
Max part weight	600 g	1.3 lb
Overall dimensions	533 mm x 940 mm	21 x 37 in
Pick depth	45 mm* / 65 mm	1.8 in* / 2.6 in
Power demand	110VAC (4A) / 24VDC	
Data connections	M12	

HOPPER OPTIONS

1.0 CU FT (28 Liters)
2.0 CU FT (57 Liters)
Side Load
Front Load
Metering Control
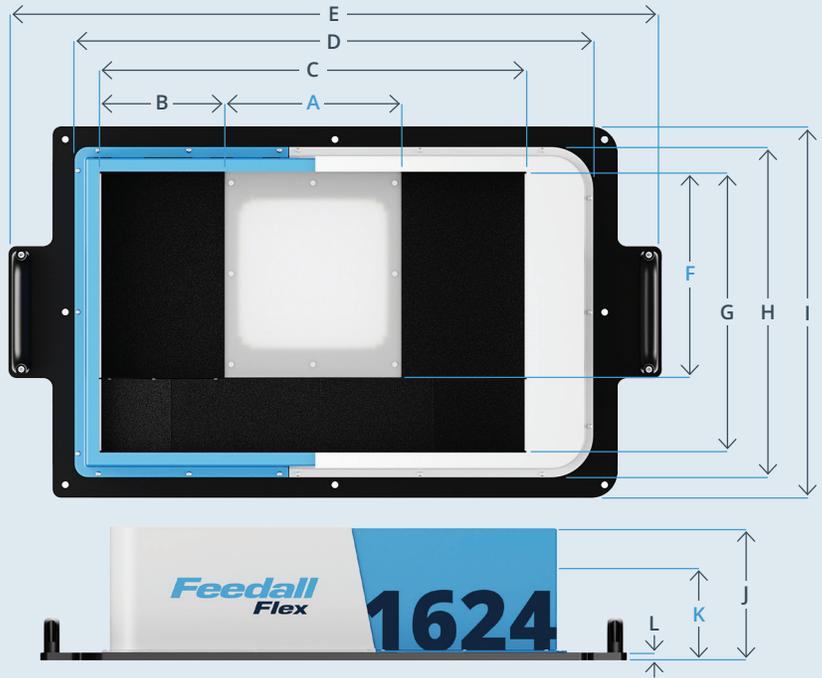
CHOOSE THE KIT FOR YOUR ROBOT-NOSHING NEEDS

Despite its large size, the Feedall Flex 1624 can be used as a table-top piece or mounted on a floor stand. We've customized three product bundles to accommodate different needs:

Basic Bundle

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

Plug-and-Play Bundle

MOST POPULAR

For the simplest integration and user experience

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