The mid-sized flex feeder
FOR MAXIMUM PRODUCTIVITY

Ideal for parts from 2 to 100 mm (0.1 - 3.9 in) in size

Feedall *Flex* **1018**

The standard-sized footprint of our Feedall Flex 1018 utilizes a larger table space and excellent part control to set a new standard in flex feeders. This American-made, customizable feeder can handle 10 kg *(22 lbs)* of parts with lengths up to 100 mm *(3.9 in)* long. Translation: eat up, robots.
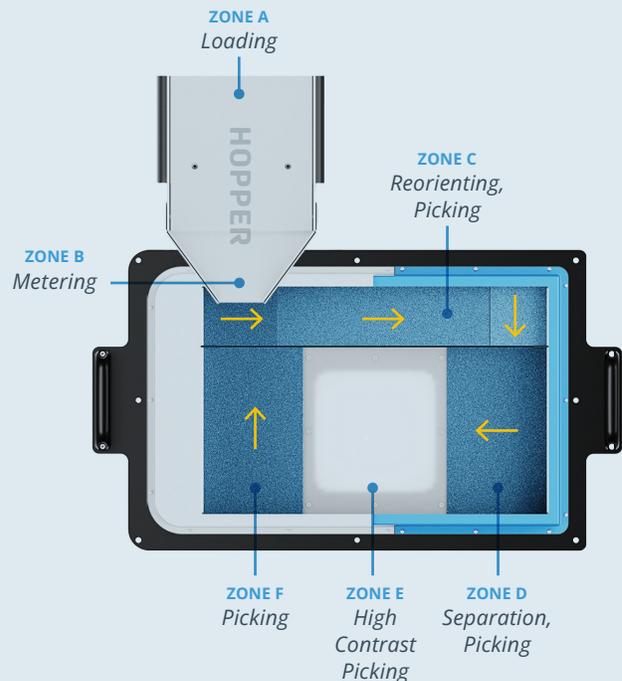
WHY FEEDALL FLEX FEEDERS

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

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 10" x 18" 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

Feedall Automation
38379 Pelton Road
Willoughby, Ohio 44094

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

LEARN MORE   **GET A QUOTE**

F | **FEEDALL FEEDS ALL.**

Feedall

DIMENSIONS

A	133 mm	5.2 in	**H**	321 mm	12.6 in
B	162 mm	6.4 in	**I**	381 mm	15.0 in
C	457 mm	18.0 in	**J**	192 mm	7.6 in
D	592 mm	23.3 in	**K (pick)**	146 mm	5.7 in
E	788 mm	31.0 in	**K* (pick)**	120 mm	4.7 in
F	152 mm	6.0 in	**L**	13 mm	0.5 in
G	254 mm	10.0 in	WEIGHT	40 kg	87 lb

*Pick height with ramp option

SPECIFICATIONS

Dimension of parts	2 - 100 mm	0.1 - 3.9 in
Pick area	116,129 mm²	180 in²
Diagonal	523 mm	20.6 in
Backlit area	20,193 mm²	31.3 in²
Max payload	10.0 kg	22.0 lb
Max part weight	250 g	0.55 lb
Overall dimensions	381 mm x 788 mm	15 x 31 in
Pick depth	45 mm* / 71 mm	1.8 in* / 2.8 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
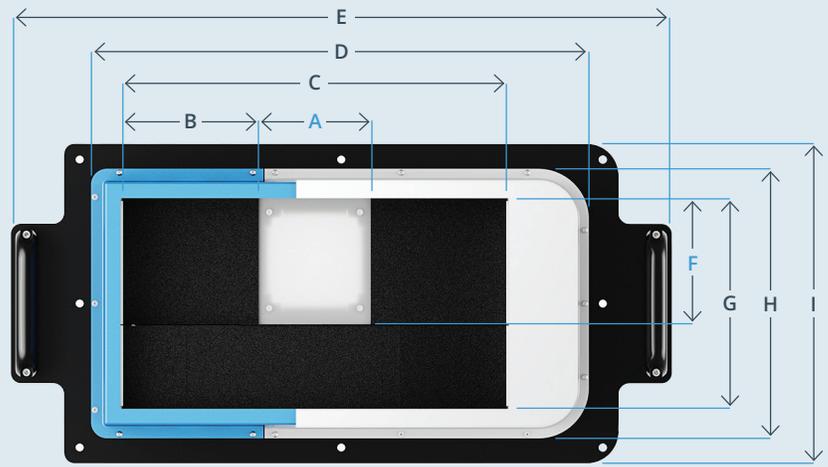
CHOOSE THE KIT FOR YOUR ROBOT-NOSHING NEEDS

As our standard middle-sized feeder, the Feedall Flex 1018 can be used as a table-top component or mounted to a stand or pedestal. 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

MOST POPULAR

Plug-and-Play Bundle

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

Feedall