

## BELT FEEDERS

# BF/SERIES

## Belt Fed Filling Machine for Delicate, Wet & Sticky Products

Using the same principles of vibratory feeding, the BF/series of feeders is the filling solution for the precise and accurate feeding and weighing of sticky products such as meat, frozen foods, and fresh-cut fruits and vegetables. Independently controlled belts feed products that are either too sticky or wet for vibratory pans to meter effectively.

Capable of filling from 1 oz to 100 lbs, the BF-series can precisely feed, weigh, and dispense at accuracies of  $\pm 0.5$  to 1%. A single lane model can reach up to 8 fills per minute as Non Cascading, Cascading or Bulk and Dribble. Adding more lanes will increase production rates.



### SPECIFICATION SUMMARY:

<b>Construction:</b>	All stainless steel, available in 1-4 lane configurations for semi-automatic or automatic models, painted mild steel available
<b>Production Rates:</b>	Speeds ranging up to 8 CPM per lane, depending on fill size.
<b>Controls:</b>	Embedded controller, 10.00" Color touch screen HMI, foot pedal initiation or handshake cable initiation for integration
<b>Control Features:</b>	Individual control of all settings, alpha-numeric product naming, bulk and dribble speed control, containers per minute readout, individual control of all settings, automatic tare of weigh bucket, users / maintenance / supervisor login, statistical analysis of a shift run, weigh units of measure, weight or count mode
<b>Hopper Capacity:</b>	Supply hopper capacity of 5 cu. ft., other options available: hopper extensions and covers
<b>Weigh bucket sizes</b>	3 in <sup>3</sup> to 1 ft <sup>3</sup>
<b>Machine Dimensions:</b>	Feed pan belt widths from 4.00" to 16.00", Platform scale sizes from 12.00" to 24.00"
<b>Storage:</b>	100 product Memory
<b>Electrical Requirements:</b>	120V / 1ph/60HZ standard (other voltages available)
<b>Pneumatic Requirements:</b>	5 SCFM @ 60 PSI
<b>Changeovers</b>	Fix mounted - tools required
<b>Options:</b>	Conveyor with indexing/automation may require container lift, Partitioned hopper for ingredient mixing, Nylon coating and dimpled contact surfaces, Statistical package (USB), various washdown and sanitary designs, Variety of fill accessories, nozzles or chutes, Electric dribble feed gate, heavy duty vibrator, additional lanes for increased production, product level control to signal infeed device, hopper cover, integration with OEM, 316 stainless steel contact and quick removal parts available, bag clamp, product level sensor

## CONFIGURATIONS TO FIT YOUR NEEDS:

Weights / Rates Per Lane				
Weight	Lane 1	Lane 2	Lane 3	Lane 4
1 oz. to 6 oz.	10 CPM	20 CPM	30 CPM	40 CPM
8 oz. to 1 lb.	8 CPM	16 CPM	24 CPM	32 CPM
1 lb. to 3 lb.	6 CPM	12 CPM	18 CPM	24 CPM
3 lb. to 5 lb.	4 CPM	8 CPM	12 CPM	16 CPM

*\*Rates are estimated, final results are determined after testing*

## COMMON APPLICATIONS:

- Meat
- Fish
- Minced Garlic

## ADDITIONAL MODEL DETAILS:



### CAPABLE OF AUTOMATION:

In-line conveyors with indexing capabilities can be added to create a fully automated filling system.



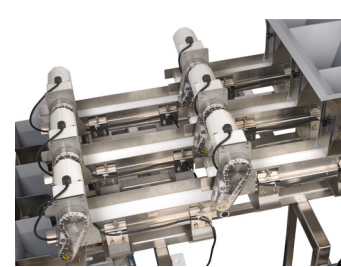
### INFEED SYSTEM CONTROLS:

Infeed hopper mounted product level control sensor for controlling infeed systems.



### 10 INCH COLOR HMI SCREEN:

10" Human Machine Interface(HMI) allows the operator to create, store, edit and recall 100 unique product recipes for a variety of filling applications.



### LANE/PAN CONFIGURATIONS:

Available in cascading, bulk & dribble or multiple lane configurations for application flexibility.

## WORLD-CLASS SERVICE & SUPPORT:

We understand downtime and its effect on your bottom line. Packaging machinery is only as strong as its service and support system. If you run into challenges, All-Fill's Service team consists of 15 full time service employees with over 150 years of combined experience in the packaging industry. Our team can train, install, and troubleshoot any All-Fill machinery. We service domestically and in our international territories: Canada, Central and South America, India, China and Australia. Contact our Service team at [Service@all-fill.com](mailto:Service@all-fill.com).

## PARTS SUPPORT:

All-Fill machines are designed using the most innovative controls and the highest quality parts and components. All-Fill has an unmatched ability to identify and resolve issues that may arise with your machine. Our parts department provides quality support in a timely manner to reduce your downtime and stocks most parts for quick delivery. From mechanical assemblies, electronic components, tooling, machine accessories and software, we have the parts you need. Contact our Parts Department at [AFI-parts@all-fill.com](mailto:AFI-parts@all-fill.com).

## INTERNATIONAL INQUIRIES:

All-Fill's packaging machinery is available worldwide for almost any product and industry. Our more than 50 years of engineering expertise combined with our industry leading field support makes us a leader in the industry. We design, manufacture, install and service machinery with maximum accuracy and reliability. Our global presence means uncompromising service and support, no matter what or where your needs are. Reach out today to discuss your project with our international sales team. Contact us at [info@all-fill.com](mailto:info@all-fill.com).

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