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# **VF SERIES**

**Volumetric feeder  
and manual bagger**

# Volumetric Feeder (VF-2000 Series)

The **VF-2000 Series Volumetric Feeder** is a heavy-duty belt system designed to feed FFS and open-mouth baggers with hard-to-handle applications. The **VF-2000** is equipped with highly reliable product level detectors and a 2-speed

belt conveyor driven through a pneumatic clutch-brake. A motorized leveling device ensures a constant delivery of product into the bag.

## Applications

The **VF-2000 Series Volumetric Feeder** is designed to handle products such as bark, compost, mulch, peat moss, soils, wood shavings, etc.



## Features and benefits

- Built with high quality components for easy and low cost maintenance
- Built for continuous operation 24 hours/day, 365 days/year under tough industrial working conditions
- Vertically adjustable leveling device for maximum production rate
- Leveling device using rubber stars (or chains for very hard-to-handle products)
- High efficient product level detectors to control product accumulation in the hopper and to prevent partially filled bags
- Consistent and repetitive product feed through a quick action pneumatic flow control gate
- Control integrated into the bagger control panel to allow optimum efficiency and plant space use
- Heavy duty pneumatic clutch-brake designed to provide heatless high frequency start-stop sequences

## Options

- Foot-controlled bag holding system for manual bagging (different bag sizes available)
- Servomotor drive for the conveyor
- Operator access platform
- Wear lines

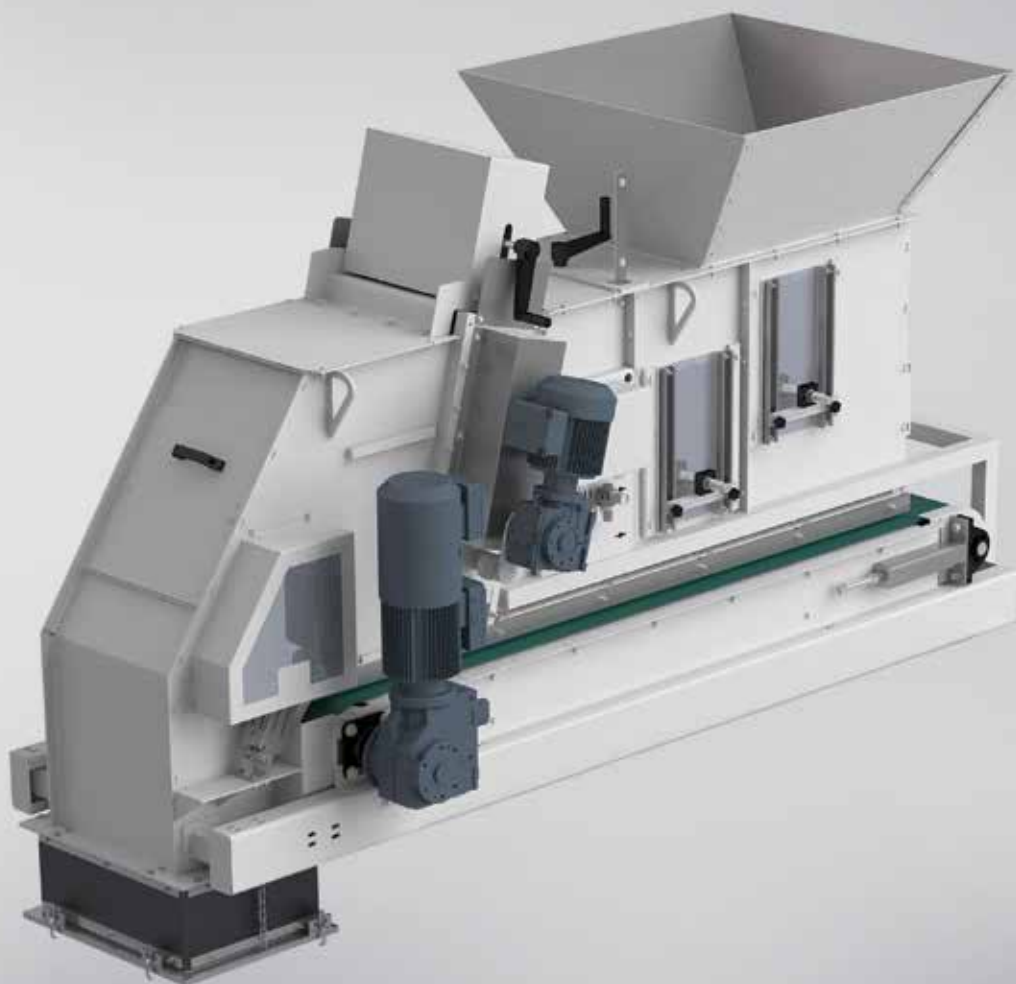


## Production rate

Up to **35 BPM** depending on product characteristics

## Technical data

<b>Typical equipment dimensions:</b> .....	Length: 127" (3226 mm) Width: 70" (1778 mm) Height: 170" (4318 mm)
<b>Bag volume:</b> .....	4.5 US quarts and above (5 litres and above)
<b>Air consumption:</b> .....	7 scfm (200 NI/min)
<b>Electrical requirements:</b> .....	460 V / 3 Ph / 60 Hz (other voltages available)
<b>Operating pressure:</b> .....	90 psi (6.2 bar)
<b>Ambient temperature:</b> .....	40°F to 95°F (5°C to 35°C)



# Volumetric Feeder (VF-5000 Series)

The **VF-5000 Series Volumetric Feeder** is a heavy-duty system specifically designed for handling aggregate applications. Made of abrasion-resistant steel and equipped with a vibrating unit for highly efficient product flow, this low maintenance equipment is suitable for very difficult environments and provides filling accuracy at high production rates.

## Applications

The **VF-5000 Series Volumetric Feeder** is designed to handle products such as lava rocks, marble chips, sand, pea gravel, etc.

The **VF-5000** is mainly used as a feeding system for FFS baggers. It is comprised of a hopper equipped with two highly reliable level detectors and a belt conveyor driven through a pneumatic clutch-brake. A flow control gate, driven by compressed air, provides a precise volume cut off.



## Features and benefits

- Built for continuous operation 24 hours/day, 365 days/year under tough industrial working conditions
- High efficiency product level detectors to control product accumulation in the hopper and to prevent partially filled bags
- Consistent and repetitive product feed through a quick action pneumatic flow control gate
- Leveling device using rubber stars (or chains for very hard-to-handle products)
- Electrical vibrating system on the filling chute for effective product flow
- System equipped with grizzly bars to prevent equipment damage caused by oversized rocks
- Heavy-duty pneumatic clutch-brake designed to provide heatless high frequency start-stop sequences

## Options

- Foot-controlled bag holding system for manual bagging (different bag sizes available)
- Operator access platform

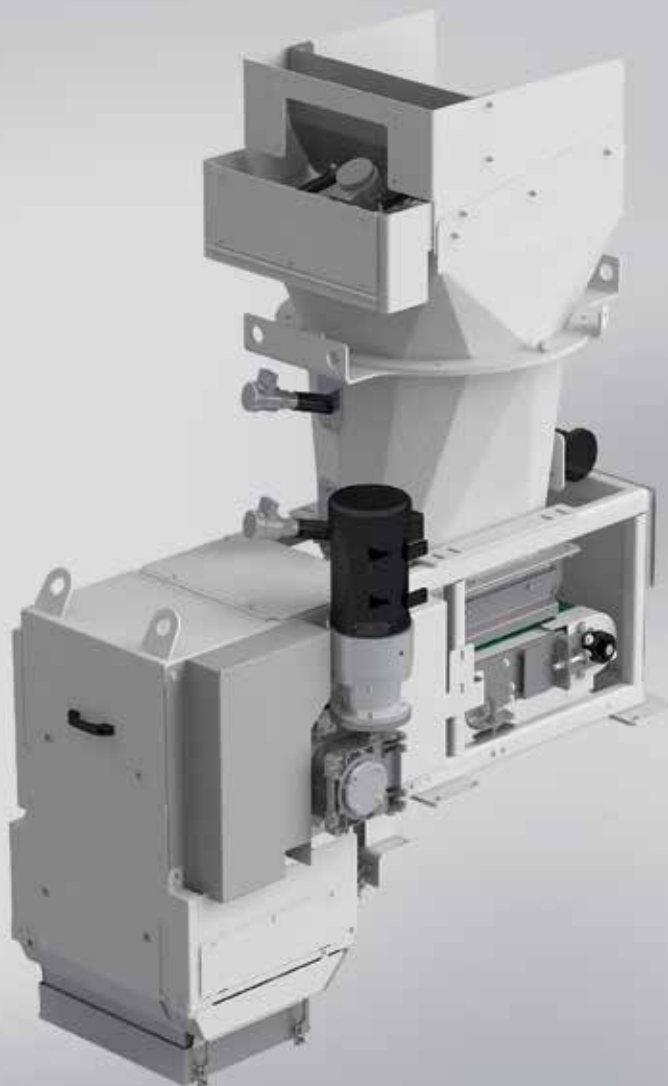


## Production rate

Up to **30 BPM** depending on product characteristics

## Technical data

<b>Typical equipment dimensions:</b> .....	Length: 98" (2489 mm)
	Width: 64" (1626 mm)
	Height: 191" (4851 mm)
<b>Bag volume:</b> .....	4.5 US quarts and above (5 litres and above)
<b>Air consumption:</b> .....	7 scfm (200 NI/min)
<b>Electrical requirements:</b> .....	460 V / 3 Ph / 60 Hz (other voltages available)
<b>Operating pressure:</b> .....	90 psi (6.2 bar)
<b>Ambient temperature:</b> .....	40°F to 95°F (5°C to 35°C)



# Manual Bagger (VF-2000 Series)

The **VF-2000 Series Volumetric Feeding Bagger** is a heavy-duty belt system comprised of a manual bag holder and a volumetric feeder (VF-2000). It consists of a two-speed belt conveyor and a motorized levelling device that ensures a constant delivery of product into the bag. It is equipped with reliable product level detectors that control product accumulation in the hopper. It is built with

high-quality components for easy and low-cost maintenance. The combination of the dual speed conveyor and vertically adjustable levelling device allows for really fast bagging rates at great accuracy for a wide range of bag sizes. As an option, the standard pneumatic clutch-brake conveyor drive can be replaced by a servomotor drive to get even more accuracy with virtually no wearing over time.

## Applications

The **VF-2000 Series Manual Bagger** is designed to handle products such as mulch, bark, peat moss, compost and soils.



## Features and benefits

- Foot-controlled bag holding system (different bag sizes available)
- Built with high-quality components for easy and low-cost maintenance
- Built for continuous operation 24 hours/day, 365 days/year under tough industrial conditions
- Vertically adjustable levelling device for maximum production rate and constant delivery of product into the bag
- Consistent product feed through a quick-action pneumatic flow-control gate thanks to easily repeatable movements
- Levelling device using rubber stars (or chains for very hard-to-handle products), for an improved dosing precision
- Bag top sealer, bag conveyor and bag kicker available
- Clean and dust-free operation
- Highly efficient product level detectors that control product accumulation in the hopper and prevent partially filled bags
- Heavy-duty pneumatic clutch brake designed to provide heatless high-frequency start/stop sequences
- Contactors, motor starters or drives can be integrated for the control of an infeed and/or an outfeed line(s)

## Options

- Servomotor drive for the conveyor
- Operator access platform
- Wear liners
- Variable speed drives for infeed line control
- Manual filling spout
- Manual filling spout with bag holder
- Exit conveyor
- Bottom conveyor clean out diverter
- Size-adjustable filling chute



## Production rate

Up to **35 BPM** depending on product characteristics and bag sizes

## Technical data

<b>Typical equipment dimensions:</b> .....	Length: 127" (3226 mm)
	Width: 70" (1778 mm)
	Height: 170" (4318 mm)
<b>Bag volume:</b> .....	4.5 US quarts and above (5 litres and above)
<b>Air consumption:</b> .....	15 scfm (200 NI/min)
<b>Electrical requirements:</b> .....	460 V / 3 Ph / 60 Hz (other voltages available)
<b>Operating pressure:</b> .....	90 psi (6.2 bar)
<b>Ambient temperature:</b> .....	40°F to 95°F (5°C to 35°C)



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