

Bulk Feeder BF01  
MAN136rev1

1<sup>st</sup> Edition, S/N 540000

***AMADAS***

Read this manual before using this product. Failure to follow the instructions and safety precautions in this manual can result in serious injury or death.

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by AMADAS Industries.*

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Welcome  
to  
AMADAS  
Industries

With origins dating back to 1963, AMADAS industries and its predecessors have a long history of providing high quality, reliable, innovative equipment for industry and farming. AMADAS equipment is currently at work throughout the United States and in other countries. This equipment includes machinery such as the Magnum Fource Peanut Combine, Reel Rain Traveler Irrigation System, Tree Bark Processing and Packaging Machinery, which includes the AMADAS Model BF01 Bulk Feeder.

# BF01 Bulk Feeder

Congratulations on your purchase of an AMADAS Model BF01 Bulk Feeder! Increased production, reduced labor costs, and improved reliability are the hallmark of AMADAS systems. Your BF01 Bulk Feeder has been designed with these objectives in mind to provide you with many years of efficient, low-maintenance use.

## Standard Features

The AMADAS Model BF01 Bulk Feeder is designed to withstand the rigors of supplying product to high capacity, continuous duty, processing, bagging, or blending operations. The following features are standard:

- Main hopper body formed from ¼" plate steel, reinforced with 4"x4" steel tubular support members interconnected with a formed 10" steel channel running the length of the hopper.
- Treated wooden batter boards.
- Four material feed chains with 16" x 3" welded flights
- 3 HP main drive motor with variable speed pulley
- 1 HP leveler rotor drive motor

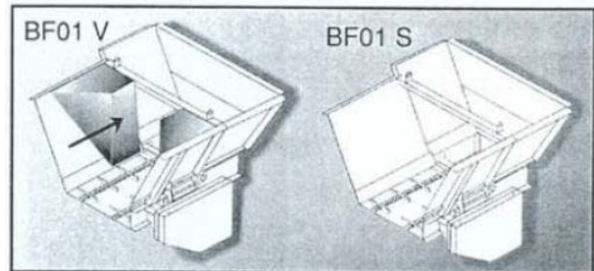
## Optional Features

The BF01 Bulk Feeder is available in two models:

The BF01V has an angled reduction at the discharge throat for increased control of material flow and is typically used for soils and other free-flowing materials. The

optional discharge gate further enhances material flow.

The BF01S has an open discharge throat and is typically used for bark or mulch products.



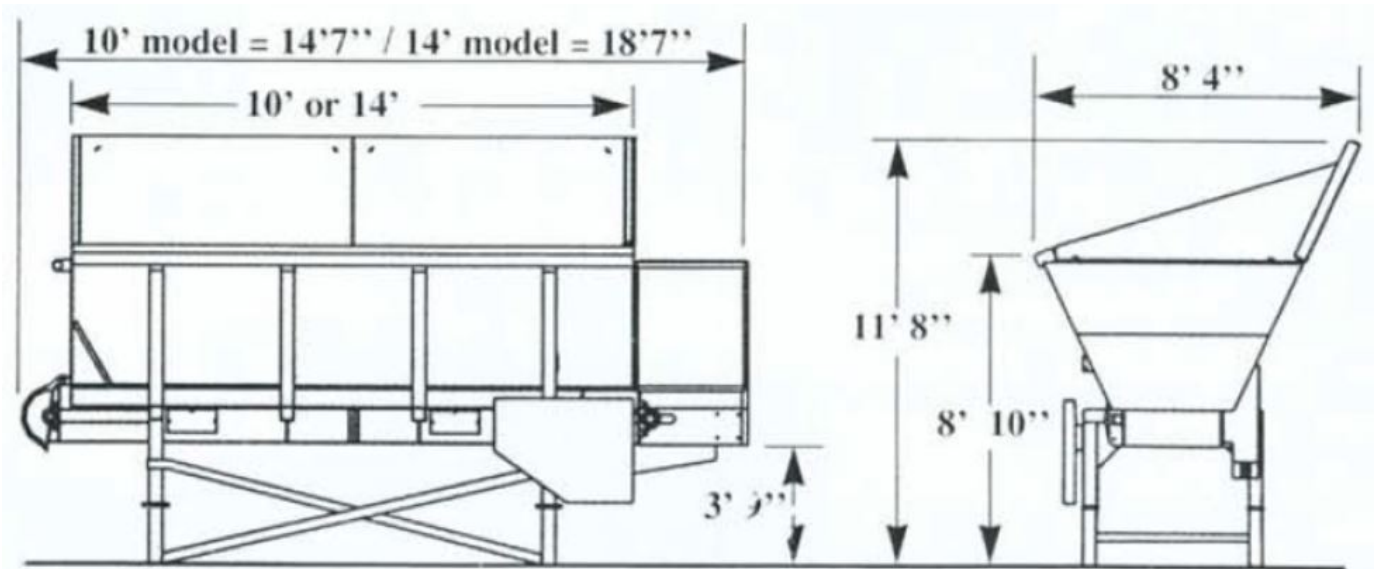
The following options are available for the BF01 Bulk Feeder:

- UHMS Polyethylene Liners for the floor, sides, and the recirculation chamber to reduce friction, enhance material flow, and increase service life.
- Electric Inverter Drive to increase the range, efficiency, and accuracy of material flow control; can be incorporated into the PLC control process.
- Bar Grate Grizzly to prevent large unwanted objects from entering the hopper; also aids in breaking up material.
- Hydraulic Drive System to provide additional flexibility and allow functional integration with allied hydraulically driven equipment such as colorization systems.
- Discharge Flow Gate for the BF01V model, which allows for increased accuracy and material flow control in highly flowable materials.

## Specifications

Feed Conveyor Speed	4.37 8.74 feet/minute (standard) Electric Inverter Drive provides increased speed
Feed Capacity for Bark	50 to 175+ cu. Yards per hour (standard speed)
Capacity	BF01 (10 ft. length) – 6 cu. Yards – heaped BF01 (14 ft. length) – 10 cu. Yards – heaped
Standard Leg Extension	26 ½" (as shown in drawing below)
Optional Leg Extensions	8 ½", 14 ½", 44 ½" (adjust above dimensions)
Approx. Shipping Weight	5,000 lbs (10 ft.) – 7,000 lbs (14 ft.)

## Dimensions



**NOTES**

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