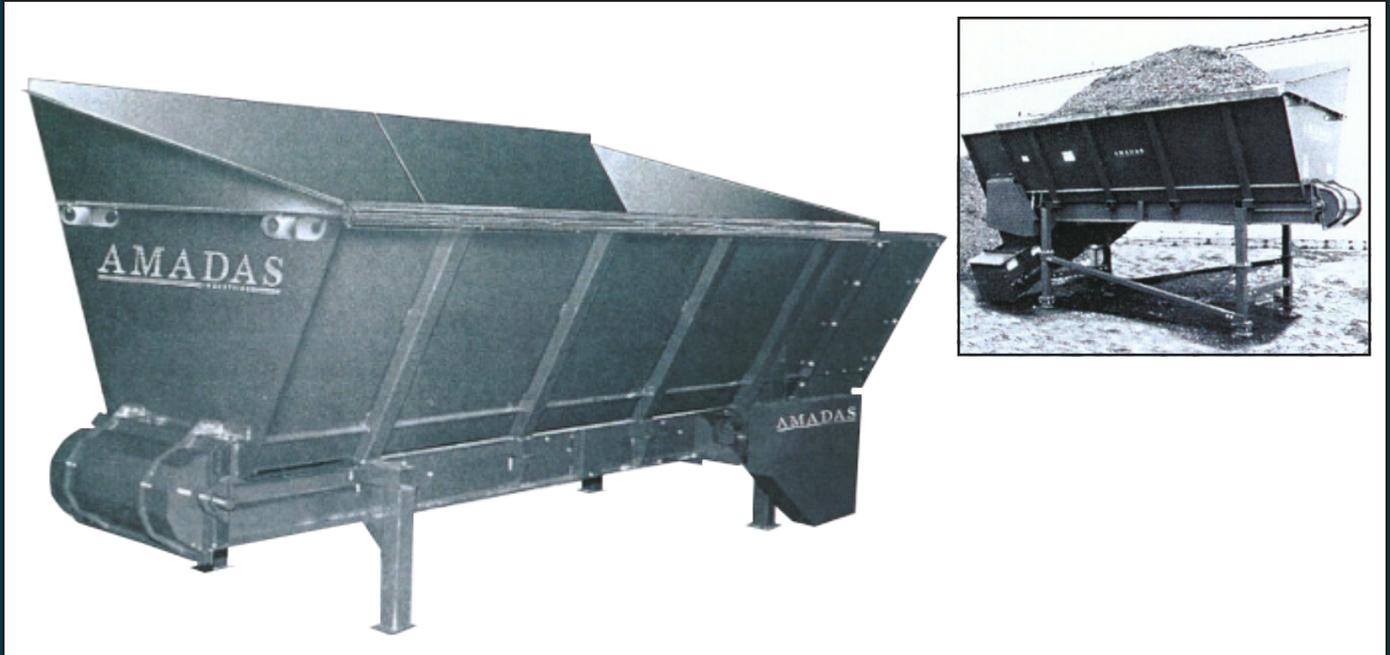




Model BF01 Bulk Feeder



The AMADAS Model BF01 Bulk Feeder is designed and built to withstand the rigors of supplying product to high capacity, continuous duty, processing, bagging, or blending operations. Whether it is being used to deliver soils, bark, mulch, compost, or any other baggable product to an AMADAS manual or automatic bagging system or to provide dependable, consistent, computer controlled, metered ingredient flow to custom soils blending line, the BF01 is designed to increase production and improve product quality.

The main hopper body is formed from $\frac{1}{4}$ " plate steel to increase the strength and rigidity of the hopper and is reinforced with 4" X 4" steel tubular support members interconnected with a formed 10" steel channel; which runs the length of the hopper providing support for the end-radiused recirculation chamber.

Increased production capacity, improved reliability, enhanced maintenance and service features, increased performance efficiency—all this and more from the company committed to your continued success...**Amadas Industries.**



AMERICAN MADE ★ ADVANCED DESIGN ★ ABSOLUTE SERVICE

Model BF01 Bulk Feeder

SPECIFICATIONS

Options

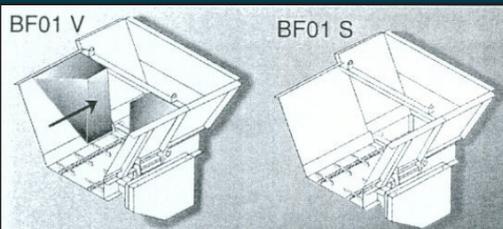
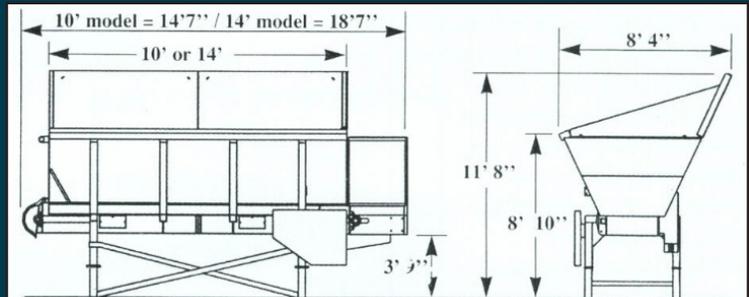
- UHMW Polyethylene Liners for the floor, sides, and the recirculation chamber reduce friction, enhance material flow, and increase service life.
- An Electric Inverter Drive can be fitted to increase the range, efficiency, and accuracy of material flow control and can be incorporated into the PLC control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

Features

- 60 Degree sloped sides for free flow of material with a hopper extension batter board designed for easy installation, reduced maintenance, and to contain material spills. A replaceable wooden lip board is provided on the loading side to prevent damage to the main hopper hull.
- Innovative circular designed recirculation chamber engineered for quick release in the event of a product jam reduces machine damage.
- Removable extended discharge sides provide flexibility and facilitate adaption to an inline or 90 degree discharge.
- Floor uses dual drag chain design which consists of hardened WH-78 chain with 1/2" steel flights which incorporates a bend for added strength and longer life.
- The main drive is one 3 HP, 3 phase, 60 cycle totally enclosed, fan cooled, TEFC electric motor coupled to a 25:1 high efficiency Dodge helical gearbox by means of a belt drive which incorporates an adjustable variable speed pulley. Final drive is through a self-adjusting #80 chain drive.



Heavy-duty AMADAS BF01 Bulk Feeders are one of the key elements of the AMADAS Blending Line and provide dependable, consistent, metered ingredient flow to the system.



Available in two models, the BF01S has an open discharge throat and is typically used for bark or mulch products while the BF01V has an angled reduction at the discharge throat for increased control of the material flow and is typically used for soils and other free-flowing materials. Material flow can be further enhanced on the BF01V with an optional discharge flow gate.

Feed Conveyor Speed Range	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 1/2" (as shown in above drawing)
Optional Leg Extension	8 1/2", 14 1/2", 44 1/2" (adjust above dimensions)
Approx. Shipping Weight	5,000 lbs (10 ft.) - 7,000 lbs (14 ft.)

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