

Open Mouth Bagger

BG05/BG06

MAN148

1st Edition, Beg. S/N: 550500

AMADAS

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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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AMADAS

Welcome To Amadas Industries

AMADAS Industries and its predecessors have provided high quality, reliable, and innovative industrial equipment since 1963. AMADAS equipment is currently at work throughout the United States and in many other countries. This equipment includes tree bark processing and packaging machinery, conveyors, palletizers, and baggers, such as the Open Mouth Bagger BG05 and BG06.

Thank you for choosing AMADAS Industries. We are strongly committed to your satisfaction and safety. Our goal is your complete satisfaction with our machinery for many years and it is our hope that you will choose AMADAS for your future equipment needs.

We are confident you will experience many years of dependable service with your AMADAS Open Mouth Bagger. If any need should arise, we pledge the best efforts of our people and dealers to assist you.

One of the most important factors to both safety and maximum performance is for every machine operator to thoroughly understand the safe operation of this equipment. Please invest the time to read this manual in order to avoid injuries and obtain the maximum productivity from your AMADAS machine.

Open Mouth Bagger BG05/BG06

The AMADAS Open Mouth Bagger BG05/BG06 is the heart of a bagging system that can be custom designed to meet both performance and cost objectives. The BG05/BG06 Bagger is able to handle a range of products including soil, compost, wood chips, and tree bark. Whether your operation involves bagging a few pallets a day to millions of bags per year, the AMADAS bagger can deliver.

The BG05/BG06 Bagger represents a dynamic new approach in function, serviceability, operational economics, material flow, productivity, and safety. Some of the benefits include:

- Improved reliability
- Increased bagging speed
- Enhanced maintenance and service
- Increased production capacity.

Features

Some of the more significant features of the BG05/BG06 Bagger include:

- 20 bag-filling volume presets with additional bagging control parameters to increase production and decrease product spillage.
- The torsion suppressed, shaft-mounted, Dodge™ gearbox reduces inertia loads and maintenance while improving reliability.
- The reversible spout with two quick-release connections has two, stainless

steel, “lubed for life” air cylinders with one-touch pneumatic fittings.

Note: For small and custom bags, fixed spouts are available.

- The UHMW track guides provide longevity and smooth, quiet operation.
- Photoelectric eyes feature LED indicators to provide for easy, visual troubleshooting and alignment. Slot mounted and fitted with QD [quick disconnect] cord sets, the electric eyes can be adjusted or removed and replaced easily.
- Low profile design allows for unobstructed infeeding for enhanced material flow. The infeed connection point is sealed with rubber to help eliminate spilling and product bridging.

Electronic Control Panel

The electronic control panel features the following:

- Horner XL7 OCS high performance logic controller with 7” color touchscreen interface.
- 24 VDC control voltage
- Panel-mounted main power emergency disconnect button
- Troubleshooting page for quick problem diagnosis
- Fully interlocked starters for complete bagging operation control
- Breaker protected, grouped control circuits that enhance safety, troubleshooting, and serviceability.

Options

The following options are available for the BG05/BG06 Bagger:

Chopper: The “chopper” is a sweeping adjustable polymer blade that is used with soil products to improve the accuracy and repeatability of filled bag volumes. The blade is stored in a position above the normal product flow. When selected, this blade will sweep the material after the belt drive has stopped, but before the bag has dropped from the filling spout.

This is particularly useful in soil and damp or wet products which are more inconsistent than bark. This aids in ensuring that each bag receives the same volume of product.

The polymer blade can be adjusted to compensate for wear, and due to the material properties of the plastic, will not allow material to build up or cling to it.

Two-Speed Motor: The two-speed motor is primarily used for filling smaller soil bags where greater accuracy and higher torque to move product are necessary.

The high speed is the standard speed for the Bagger’s belt drive.

The slow speed is effectively half of the high speed and will double the filling time of each bag. This option is recommended for bagging soil products.

Exhaust Fan Kit: The exhaust blower creates a negative pressure on the forward end of the Bagger. This fan will remove the fine dust from the work area and discharge it to any desired area via flexible ducting and a wide flange. This option is recommended for very dry mulches or otherwise dusty products.

Clean-out Conveyor: The clean-out conveyor carries the product residue that drops from the return side of the conveyor belt to a discharge spout located on the rear of the machine. This option is useful for bagging products that are sticky or heavy, such as soils, materials with some clay content, etc., as these products provide excess loading on the belt drive on the return path. It also helps to maintain a cleaner work area.

Specifications/Dimensions

| | |
|-----------------|--|
| Height | 13'-0" |
| Width | 8'-6" |
| Depth | 4'-4" |
| Bag Capacity | All standard bags: 4 QT, 8 QT, 20 LB, 40 LB, 2 CU FT, 3 CU FT |
| Production Rate | Variable, up to 30 bags per minute* *Dependent on bag size and material type. |

