Dual Head Automatic Auger Filler [A-500]

The A-500 can fill virtually any rigid container at line speeds up to 90 cpm. Utilizing its two-station design and our heavy-duty fill heads, the A-500 can dispense powders, granules, creams, pastes and liquids. The fully enclosed base features a stainless steel top, access doors and an 11 foot stainless steel conveyor. The conveyor is equipped with adjustable guide rails and indexing cylinders to accommodate any container. The height of the fill heads are adjustable with the mechanical column jack assemblies. A container lift and vibration are located at each fill station to aid in product settling.

Each filling machine is customizable with upgrade options such as our A-520 with a two lane, dual-twin-head, in-line feature. We also have a cost saving option, the A-500E. This is our economy model option that features two of our heavy-duty A-100 auger fillers, with an open-base frame that has mechanical jacks, versatile pneumatic indexing and a 10 foot stainless steel conveyor.

STANDARD FEATURES & BENEFITS

Stainless Steel Contact Parts
- Food grade, industrial strength and resistant to most chemicals
- Easy removal and cleaning abilities

Adjustable Auger Speed
- Flexibility to run with different sized containers without extensive changeover

Hydraulic Container Lift Assembly and Vibration
- Greater flexibility allowing to fill a variety of products into almost any rigid container

Allen Bradley PLC
- Word wide support network

Allen Bradley Touchscreen Interface
- Large touch screen display clearly shows all relevant information and enables easy transition through controls

Heavy-Duty Head Assemblies with Dust Proof Cover and 7" Dia. Infeed Duct
- Proven design to withstand the demands of day-in, day-out production

Stainless Steel, Variable-Speed Conveyor with Auto Indexing and Tool-Less Adjustable Guide Rails
- Tool-less components support quick change over

Fully Enclosed Base with Two Access Doors
- Clean appearance while providing storage for spare parts and tools

Column Jack to Raise a Lower Fill Head
- Allows the machine to handle a greater variety of filling applications

A LEADER IN AUGER FILLING EQUIPMENT FOR OVER 30 YEARS

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TECHNICAL SPECIFICATIONS

Main Drive Motor
- 1- 1/2 HP, 1140 RPM, TEFC
- 230 or 460 volts/3/60 Hz
- Other voltages available upon request

Agitator Motor *Fully Enclosed*
- 1/2 HP, 60 RPM, TEFC
- 230 or 460 volts/3/60 Hz
- Other voltages available upon request

Air
- 80 psi 4 cfm

Allen Bradley Controls
- 115 or 230 volts, 50-60 Hz

Clutch Brake
- Electromechanical operation with over-excitation module

Size/Weight
- 1,400 lbs (approximate)
- 132" long x 48" wide x 96" high (approximate)

CUSTOM APPLICATIONS

We understand that one size does not fit all when it comes to filling systems and components. We develop and deploy some of the most precise filling machines in response to the most demanding industries. We have the expertise and ability to design and manufacture custom systems; whether that means the creation of entirely new systems or customizations to existing products. Either way our customers always walk away with improved productivity, effectiveness and ROI.

AMS offers a fully equipped manufacturing facility, an extensive product testing laboratory and machine demonstration area for our clients.

OPTIONAL COMPONENTS

Level Control
- Automatically signals product infeed system resulting in consistent fill weights.

Dust Shroud
- Increases healthy environment and sanitary control through the minimization of dust in the filling area.

Electronic Scales
- For net or gross weight filling.

Allen Bradley Servo Drive
- Extremely reliable Servo Drive motors providing increased accuracy, especially at higher speeds.

Cut-Off Devices
- Provides positive shut-off, which reduces potential product waste.

Stainless Steel Construction
- Corrosion-resistant, long-lasting and enables use in all industries.

Checkweigher Feedback
- Increases profitability by maintaining accuracy and production speed.

Base
- Open frame or enclosed cabinet.

FILLING EVERY EXPECTATION IN ACCURACY, RELIABILITY AND SUPPORT.