



Single Head Automatic Auger Filler [A-400]

The A-400 can fill virtually any rigid container at line speeds up to 60 cpm. Utilizing our proven heavy duty A-100 auger filler, this machine can dispense powders, granules, creams, pastes and liquids. The fully enclosed base features a stainless steel top, access doors and a stainless steel conveyor. The conveyor is equipped with adjustable guide rails and indexing cylinders to accommodate any container.

The auger filler height is adjustable with the mechanical column jack assemblies. A container lift and vibration are located at the fill station to aid in product settling.

AMS can customize every filling machine to meet your filling needs. Some upgrade features of the A-400 include; level controls, cut-off devices, Allen Bradley servo drives and checkweigher feedback.



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

- World wide support network

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





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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

- 60 psi 4 cfm

Allen Bradley Controls

- 115 or 230 volts, 50-60 Hz

Clutch Brake

- Electromechanical operation with over-excitation module

Size/Weight

- 1,200 lbs (approximate)
- 96" long x 48" wide x 96" high (approximate)

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 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.

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.



FILLING EVERY EXPECTATION IN ACCURACY, RELIABILITY AND SUPPORT.

