



DUAL HEAD AUTOMATIC AUGER FILLING MACHINE

MODEL DHA



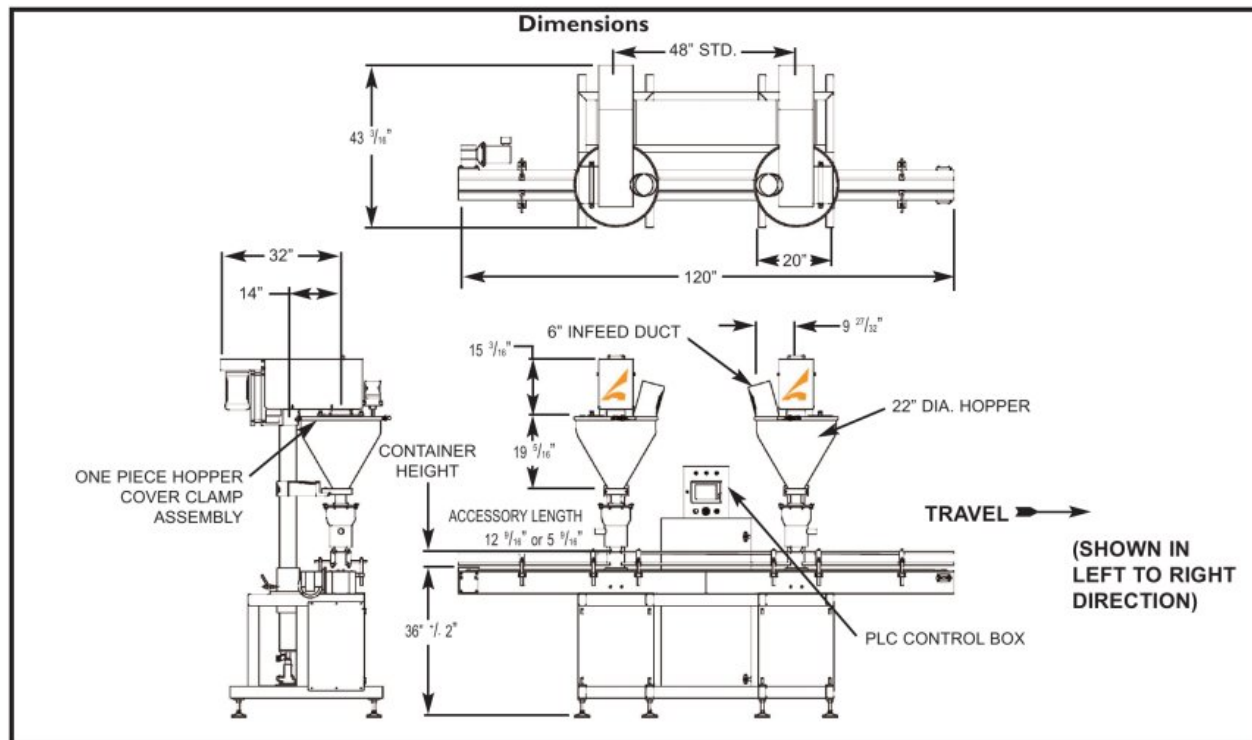
The **Model DHA** is a complete, economical solution to your filling production line requirements. It consists of the industry-proven All-Fill filling heads, and conveyor mounted on a sturdy frame. Container indexing controls to reliably move and position containers for filling. Allen Bradley PLC control system with touchscreen provides precise selection and adjustment of fill amounts and machine functioning. Provides easy setup, operation, and monitoring of the filling operation.

FILLING HEAD(S)

- 16 gallon hoppers with dustproof covers
- Aluminum head castings with one-piece stainless steel covers
- Heavy duty clutch-brakes or servo direct drives
- Slow speed agitation
- Motor starters and transformer
- Accepts standard All-Fill accessories

CONVEYOR

- 10 ft. stainless steel channel
 - Dual strand chain (standard)
 - Variable speed drive
 - Adjustable guide rails
- Container indexing controls, includes no-container/no-fill sensor
- Sturdy tubular steel frame to support filling head and conveyor
- Column jack to adjust height of filling head



CONTROLS

- Allen Bradley Micrologix 1500 PLC with touch screen HMI
 - Control auger revolutions
 - Control slow speed agitation mode (continuous, with fill or none)
 - Control filling technique functions (lift and vibration)
 - Control container handling through filling process
- Standard 50-product recipe storage
- Production counter

OPTIONS

- Pneumatic container lift for bottom-up filling
 - Adjustable stroke to 7"
 - Lift hold and quick drop features
- Vibration to settle product in container
 - Adjustable frequency
- Feedback capability from off-line scale or in-line checkweigher
- Product level control

| CONTROL FEATURES | DHA |
|---|-------------------------------|
| Programmable Logic Controller | Allen Bradley Micrologix 1500 |
| Operator Interface | Maple 520 |
| Controls Enclosure | Nema 12 (Dust Tight) |
| Recipe Setup Program Capability | 50 Programs |
| Clutch/Brake Coast Compensation | Yes |
| Alphanumeric Product Code | Yes |
| Programmable Agitation Mode | Yes |
| Alarm Function Indicators/Error Messages | Yes |
| Status Messages | Yes |
| Hopper Level Monitored and Displayed | Yes |
| Maintenance Screen(s) for Testing Purposes | Yes |
| Cutoff Device | Yes |
| Storage of Accessory Information for Each Product | Yes |
| Production Counter Display | Yes |
| Production Containers Per Minute Display | Yes |
| End of Fill Signal | Yes |
| Product Infeed Control | Yes |
| Weight Feedback from in-motion Checkweigher | Yes |
| Off-Line Scale Feedback | Yes |
| Remotely Mounted Panel | Yes |
| Auger Jam Protection | Yes |
| Manual Calibration | Yes |
| Special Features Capability | Yes |



All-Fill: For All Your Filling Needs.

All-Fill, Inc. designs, manufactures, services, and supports a complete line of machinery for powder and liquid filling. Complementary equipment includes feeding and conveying of dry products for the food, pharmaceutical, and chemical industries, as well as high-speed checkweighing equipment sold under the Alpha Checkweighers brand.

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