



# SEMI-AUTOMATIC VOLUMETRIC AUGER FILLING



B-550/B-600 Control Panel



B-350e Operator Interface

## For Dispensing Powders, Granules, and Liquids

The Model **B-350e**, **B-550**, and **B-600** Auger Filling Machines are the latest developments from ALL-FILL. The innovative design and PLC-based controls make each of them an affordable, reliable, auger filler with the same rugged construction and dependable service which ALL-FILL is renowned for.

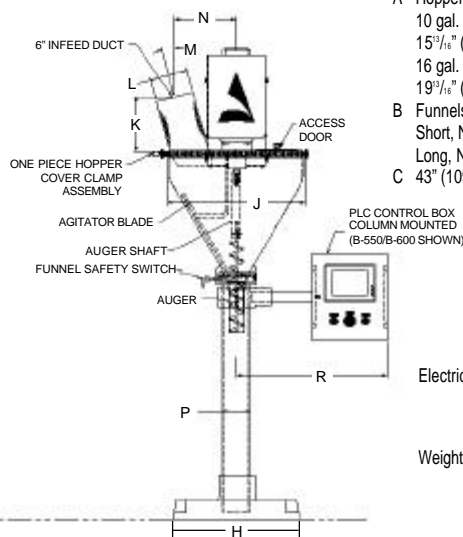
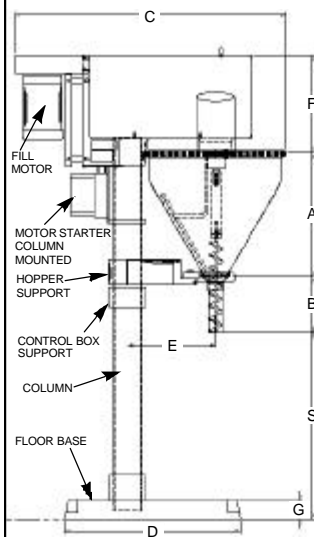
## THE CONTROLS ARE THE DIFFERENCE

The B-350e, B-550, and B-600 all have "Off-The Shelf" PLC-based controls which meet your individual application. Each set of controls has special enhanced features, which are described on the itemized chart on the back of this brochure.

## MECHANICAL/PHYSICAL CHARACTERISTICS

- High Performance Clutch/Brake Control with Encoder and Coast Compensation
- Unique Versatility - For Filling Powders, Granules, and Liquids
- Universal Filling Accessories
- 3-Speed Fill Motor Drive System
- Rugged Head Casting and Stable Cast Base
- Quick and Easy Hopper and Filling Accessory Removal
- Fully Enclosed Agitation Drive
- One-Piece Stainless Steel Head Cover and Stainless Steel Contact Parts
- Optional Portable Frame With Jack Assembly
- Funnel Removal Detection
- Same dependable ALL-FILL service and support

## Dimensions & Specifications



A Hoppers	D 28" (711.2 mm)
10 gal. (37.8L):	E 14" (356 mm)
15 1/2" (401.63 mm)	F 15 1/2" (393.7 mm)
16 gal. (60.5L):	G 3" (76 mm)
19 3/4" (503.24 mm)	H 20" (508 mm)
B Funnels	J 22" dia. (559 mm)
Short, No. 4-52: 5 1/8" (141.29 mm)	K 8 1/2" (225.42 mm)
Long, No. 4-52: 12 1/8" (319.09 mm)	L 6" (152.40 mm)
C 43" (1092 mm)	M 15"
	N 9 1/2" (250.03 mm)
	P 4 1/2" (114 mm)
	R 24" (609.6 mm)
	S By Application

Electrical

Motors : 208/230/460V, 60 Hz., 3-Phase  
Controls: 120V, 60 Hz., Single Phase  
Other ratings upon request

Weight

375 lb.  
Crated Weight: 500 lb.  
Crate Size: 48" H x 48" L x 96" W

Dimensions listed as reference only. Not to be used for layout or construction.

## CONTROLS

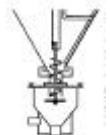
CONTROL FEATURES	B-350e	B-550	B-600
Programmable Logic Controller	Unitronics M90 PLC	Koyo PLC	Allen Bradley Micrologix 1500
Operator Interface	Unitronics M90 Membrane Keypad	Maple 520	Maple 520
Controls Enclosure	Nema 12 (Dust Tight)	Nema 12 (Dust Tight)	Nema 12 (Dust Tight)
Recipe Setup Program Capability	5 Programs	15 Programs	50 Programs
Clutch/Brake Coast Compensation	Yes	Yes	Yes
Alphanumeric Product Code	No (Only Numeric)	Yes	Yes
Programmable Agitation Mode	Yes	Yes	Yes
Alarm Function Indicators/Error Messages	Yes	Yes	Yes
Status Messages	Yes	Yes	Yes
Hopper Level Monitored and Displayed	No	Yes	Yes
Maintenance Screen(s) for Testing Purposes	Yes	Yes	Yes
Cutoff Device	Yes	Yes	Yes
Storage of Accessory Information for Each Product	No	No	Yes
Production Counter Display	No	Yes	Yes
Production Containers Per Minute Display	No	Yes	Yes
End of Fill Signal	Yes	Yes	Yes
Product Infeed Control	No	Optional	Yes
Weight Feedback from in-motion Checkweigher	No	Optional	Yes
Recycle	Yes	Yes	Yes
Remotely Mounted Panel	Yes	Yes	Yes
Auger Jam Protection	Yes	Yes	Yes
Manual Calibration	No	Yes	Yes
Off-Line Scale Feedback	No	No	Yes
Special Features Capability	No	No	Yes

## FILLING ACCESSORIES

Liquid Products



Free-Flow Products



Non-Free-Flow Products



**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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