



Rotary Volumetric Fillers

NECOFILL-II

For Medium Speed Filling of Powdered or Granulated Products



Nalbach Engineering's NECOFILL-II Filler improves fill accuracy and dramatically reduces maintenance and downtime

Designed for accurate, medium speed filling of powders and granulars such as soluble coffee, tea, drink mix, coffee creamer, and condiments. This economical machine utilizes “push button” motorized control providing on-the-fly weight adjustments with optional automatic weight control available.

The NECOFILL-II utilizes a patented bottom-up filling system, which provides dust free, extremely accurate filling for a variety of different products. Simple, yet rugged design and construction provides for “near zero” maintenance and unitized change parts result in 1/2 man hour changeover with no adjustments - resulting in immediate, efficient startups. The touch screen with intuitive graphical user interface allows the operator to easily set-up and control all filling operations.

A maintenance-free “no container-no fill” design eliminates the need for valves and prevents product degradation from occurring. No moving parts in the filler head results in gentle product handling and minimizes product breakdown and separation. A range of product settling systems are available and tailored to meet your needs including air or motor driven bottom, side or step (high impact) systems.

Benefits

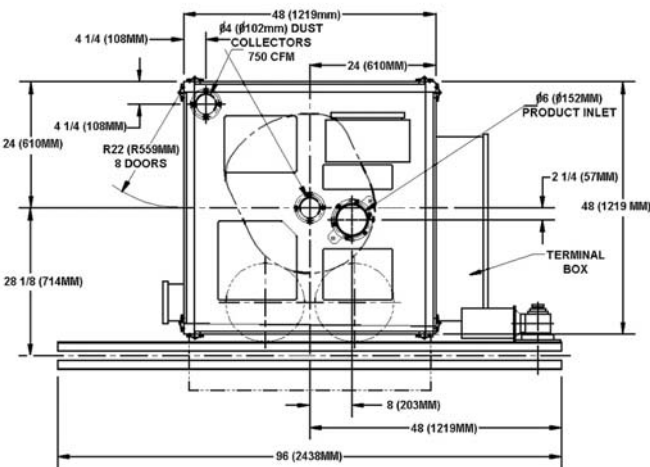
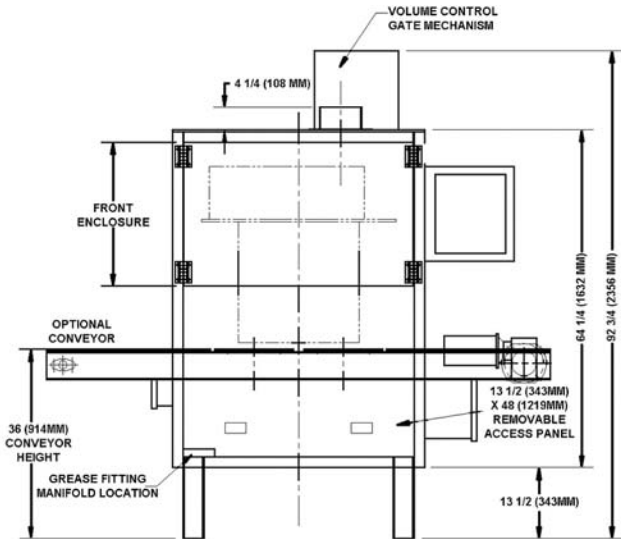
- Fill Accuracy up to $\pm 0.5\%$
- “Push Button” Motorized Control provides on-the-fly weight adjustments
- Touch screen with intuitive graphical user interface for easy set-up and control
- “Bottom-Up” Filling with Nalbach’s patented fill tube and fill tube sleeve design provides dust-free filling and better fill accuracy
- No Moving Parts in the Filler Head Results in Gentle Product Handling and reduces machine wear
- Near Zero Maintenance
- Unitized “Quick Change” Parts allows a complete “No Tools” container changeover in 30 minutes
- Versatility, with proper change parts can fill from 1 to 80 oz containers
- “No-Container, No-Fill” design eliminates a complicated and dirty shut-off mechanism on each filling head
- Vibration Systems Tailored to Your Product

About Nalbach Engineering Company

Founded in 1945, our Company has earned its dominant reputation for quality and performance in the design and manufacture of a complete line of powder filling equipment and plastic bottle unscramblers. In addition, we offer aerosol fillers, turnkey packaging lines, and system integration services. A member of PMMI since 1958, Nalbach Engineering has developed equipment for a widely diverse client roster of Blue Chip companies and has installed systems in 45 countries around the globe.



Dimensions



Specifications subject to change without notice.

Capacities

The NECOFILL-II may have 14, 16, 18, 20, 24, or 30 fill heads depending on the largest container diameter to be filled and the required speeds

NECOFILL-II Model	Max. Container Diameter. Inches (mm)	Max. Speed CPM
14	6 1/2 (165)	70
16	5 5/8 (143)	85
18	5 (127)	95
20	4 3/8 (111)	105
24	3 5/8 (92)	120
30	2 3/4 (70)	150

The NECOFILL-II will handle standard container heights from 2 to 12 inches and diameters from 2 to 6 1/2 inches. Consult the factory for applications that do not fit these sizes or speeds.

Specifications

Electric and Controls

Display:

Color Touch Screen

Electrical:

System voltage and frequency configured to meet customer specifications

Electrical Controls:

Digital Solid State

Enclosure:

Stainless steel with "dust hood safety enclosure" and large windowed access doors.

Air

Supply:

4 SCFM at 60psig

Exhaust:

750 CFM

Filling Head

Construction:

Stainless Steel Product Contact Parts

Speed and Accuracy

Filling Speed:

Up to 150 Fills Per Minute

Filling Accuracy:

Up to ± 0.5%

Optional Accessories

Conveyors:

Special conveyor arrangements to meet needs of the customers application

Synchronous Drive:

For multiple machine integration

Vibration:

Air or motor driven bottom, side or step (high impact) systems

Sealed Head Construction:

For product filling under an inert gas or oxygen free atmosphere

Upside-Down Container Detector:

Insures proper container orientation

Automatic Weight Control:

Automated On-the-fly weight control to adjust for variation in product densities for highly accurate fill weights, minimizing product "give-away"

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