



Rotary Volumetric Filler

SANIFILL

For High Speed Sanitary Filling of Powder/
Granular Food, Dairy, and Pharmaceutical
Products



Nalbach Engineering's SANIFILL Filler meets 3-A dairy sanitation standards for dry products

SANIFILL provides food, dairy and pharmaceutical manufacturers with an accurate, high speed, filling machine that meets 3-A sanitation standards for dry products.

“Push Button” motorized control provides on-the-fly weight adjustments. Also available is an optional, fully automatic weight control system, which adjusts for variation in product densities providing highly accurate fill weights, minimizing product “give-away”.

A patented bottom-up filling system 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 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.

“First-In, First-Out” product control and no moving parts in the filler head results in gentle product handling, minimizes product breakdown and separation and insures your product maintains its high quality standards throughout the filling process.

Benefits

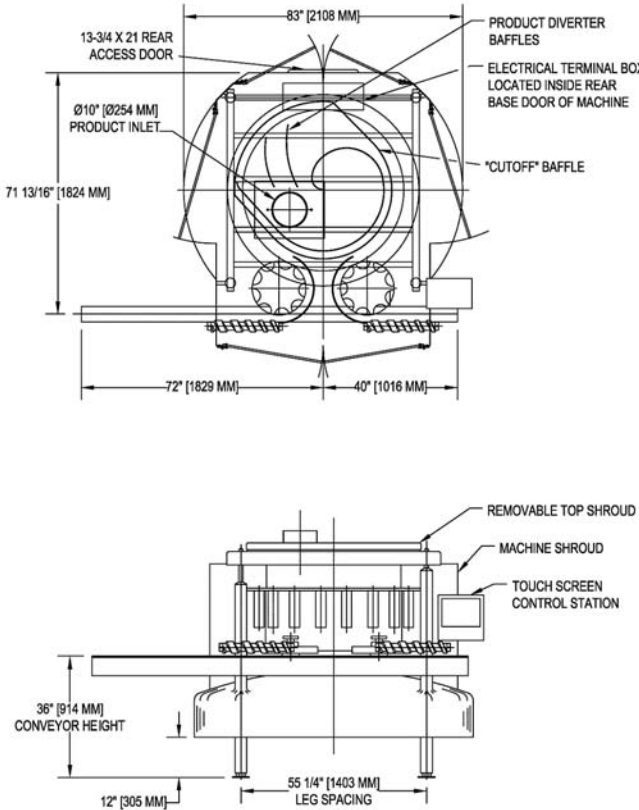
- Meets 3-A dairy sanitation standards for dry products
- Fill accuracy up to $\pm 0.5\%$
- “Push Button” Motorized Control provides on-the-fly weight adjustments
- Touch screen with intuitive graphical user interface for easy set-up and control
- “Bottom-Up” filling with Nalbach’s patented fill tube 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

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 SANIFILL may be equipped with 18 to 48 fill heads depending on the largest container diameter to be filled and the required speeds.

SANIFILL Model	Max. Container Diameter. Inches (mm)	Max. Speed CPM
18	7.625 (194)	150
21	6.569 (166)	175
24	5.750 (146)	200
27	5.097 (130)	225
30	4.562 (116)	250
33	4.133 (105)	275
36	3.750 (96)	300
39	3.454 (88)	325
42	3.185 (81)	350
45	2.952 (75)	375
48	2.750 (70)	400

Note: Fill speeds vary depending on the flow characteristics of the product being filled.

Sugar, Salt, Freeze Dried
Coffee multiply CPM x 1.25

Coffee, Whitener, Instant
Whole Milk, Agglomerated
Coffee multiply CPM x 1.0

Fortified Milk Powders
multiply CPM x 0.7

The SANIFILL can handle additional container sizes and speeds. 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:

8 SCFM at 60 psig

Exhaust:

750 CFM

Filling Head

Construction:

All Stainless Steel construction
Speed and Accuracy

Filling Speed:

Up to 400 Fills Per Minute

Filling Accuracy:

Up to ± 0.5%

Shipping Information

Net Weight:

6,300 Pounds (2865 Kg)

Gross Weight:

8,400 Pounds (3820 Kg)

Box Size:

7 ½ ft. (2286 mm) x 12 ft. (3660 mm)
x 7 ft. (2135 mm)

Optional Accessories

Conveyors:

Special conveyor arrangements to meet needs of the customer's 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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SANIFILL Bulletin 6-e