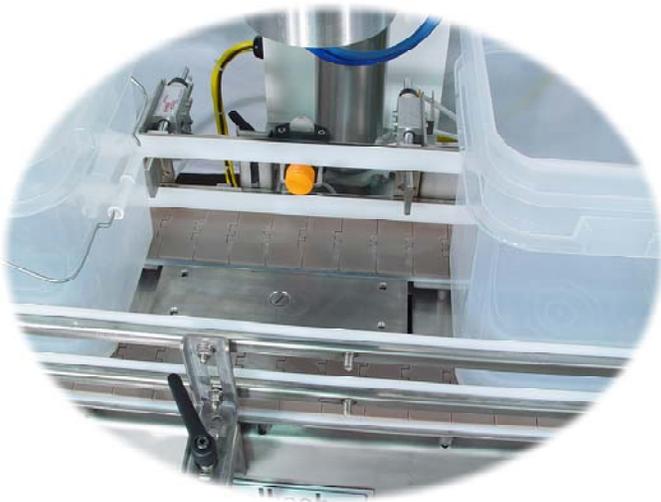




Integrated Filling Station

Model ICS-8

For Powders, Granulars, Flakes, and Other Free-Flowing Products



Nalbach Engineering's Integrated Filling Station Insures Consistent and Accurate Filling.

The Model ICS-8 is an Indexing Conveyor with Product Settling System that combined with Nalbach's line of Servo Driven Auger and Cup Fillers is a complete, integrated, filling station, ideal for the consistent and accurate dispensing of a broad range of powders, granulars, flakes and other free-flowing products.

The Indexing Conveyor comes standard with an 8' long conveyor, adjustable guide rails, stainless steel construction, variable speed drive, and air-operated container stops for indexing and positioning of containers under the Filler.

The Product Settling System includes a section of split chain conveyor at the vibration station and an air-operated system that raises the container away from the conveyor prior to initiation of the vibration mode. The vibration mode starts as the Filler begins dispensing product and insures a consistent and accurate fill each and every time. In applications that fill a variety of products, the Product Settling System can be adjusted to accommodate a range of product filling parameters or simply "turned-off" if not required.

The Filler's control panel performs all set-up and control of the ICS-8 and the Filler. This control panel is an intuitive, icon-based, graphical user interface with touch screen and comes standard with all Nalbach Servo Driven Auger and Cup Fillers. This powerful controller provides a single point of user control for the entire system making training, set-up and operation simple and straightforward.

The ICS-8 is ideally suited for a broad range of industries in which powders, granulars, flakes and other free-flowing products are dispensed. Some of these industries include food, drink mixes, pharmaceuticals, health and beauty aids, chemicals, and pet foods.

Benefits

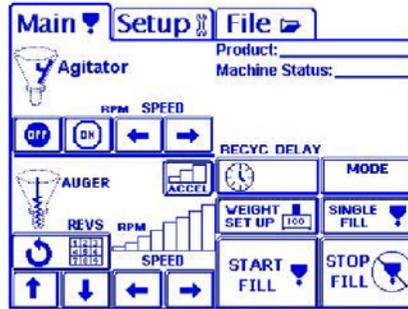
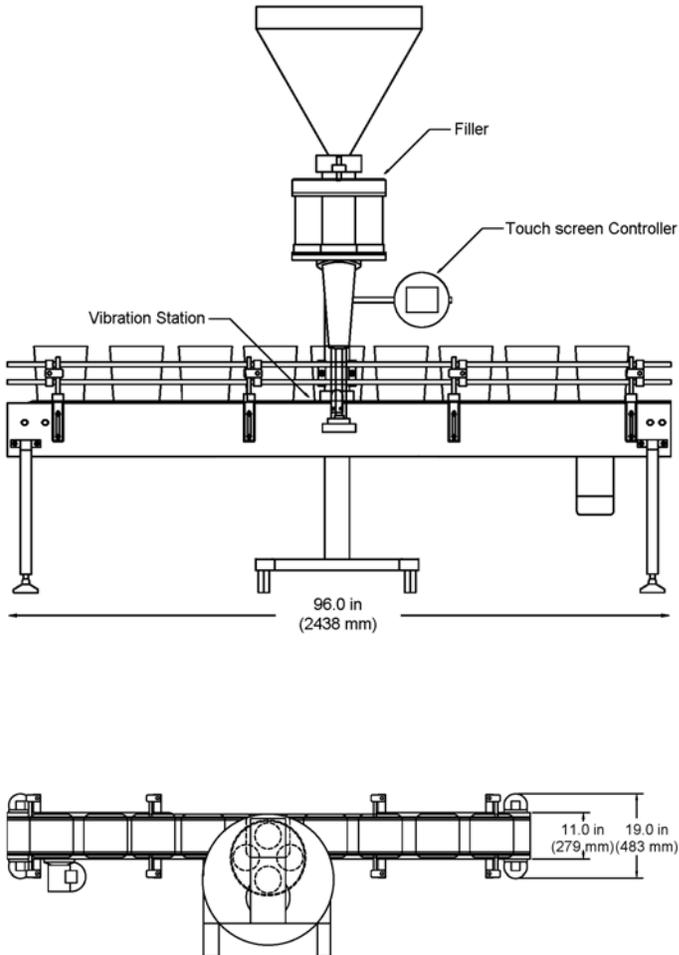
- Integrated Indexing Conveyor and Filler provides a "turnkey filling station" for reliability, consistency and accuracy
- Single-point control using touch screen with intuitive icon-based graphical user interface for ease of training, set-up and operation
- Adjustable Product Settling System for use with a broad range of product types provides ultimate flexibility for your filling operations

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 filling equipment for powders, granulars, flakes and aerosols. In addition, Nalbach Engineering manufactures plastic bottle unscramblers and offers turnkey packaging lines as well as 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



The ICS-8 sets a new standard in filling technology with a single point of computer control for the Filler and Indexing Conveyor System. The operator touch screen interface with user friendly graphic menus allows the operator to easily control all filling operations.

Specifications

Electric and Controls

Display:

User Friendly Touch Screen

Electrical:

220 VAC, 50/60 Hz, Single Phase

Electrical Controls:

Digital Solid State

Enclosure:

NEMA 12 or Optional NEMA 4

Software Features:

- Adjustable Filler Parameters
- Adjustable Product Settling Parameters
- Adjustable Agitator Speed
- Adjustable Auger Speed
- Adjustable Acceleration and Deceleration
- Auger Jog
- Hopper Empty
- Recycle Timers
- Trial Fill for Product Set-up

Conveyor

- 8 foot length standard
- Custom lengths optional
- Adjustable guide rails
- Stainless steel construction
- Variable speed drive
- Air-operated container stops

Product Settling System

- Adjustable air-operated vibration frequency

Speed and Accuracy

Filling Speed:

Up to 120 Fills Per Minute

Filling Accuracy:

Up to $\pm 0.25\%$ (.0025)

Optional Accessories

Level Control:

Signals Infeed and Controls Product Level

Footswitch:

For Initiating the Fill Cycle

Cut Off Devices:

Knife Blade and Valves

Infeed:

Product Infeed Machinery, Auger and Vibration Conveyors

Scales:

Digital Electronic Scales for Fill by Weight Operation

PLC:

Commercial PLC Controllers are available