

# model 0-HB

## OPEN HEAD FILLING MACHINE

for wet-moist chunky food products

catalog 4- c

 MOIST

 WET

 GRANULAR

 POWDERED



**nalbach**

# OPEN-HEAD SANITARY FILLING MACHINE, MODEL O-HB

**Accurate, efficient filling of moist, wet or dust-free products into rigid containers.**

The Nalbach model O-HB offers the capacity and versatility to fill moist or wet products, dust-free powders, granulated materials and fragile, difficult to handle products.

O-HB is designed for filling speeds up to 550 CPM and beyond, depending on the product to be filled and the size and type of container.

The model O-HB is constructed entirely from stainless steel and approved materials to assure sanitary operation and fast, easy clean-up. There are no hard-to-clean corners or exposed threads.

Attention to engineering detail and durable construction assure a long and trouble-free operating life.

## benefits

The accuracy and the production efficiency of this machine are the result of three functionally unique features.

### Bottom-up filling

Perfected by Nalbach, assures consistent filling. The five stages of this filling technique (see diagram) illustrates how the filling accuracy is consistently achieved.

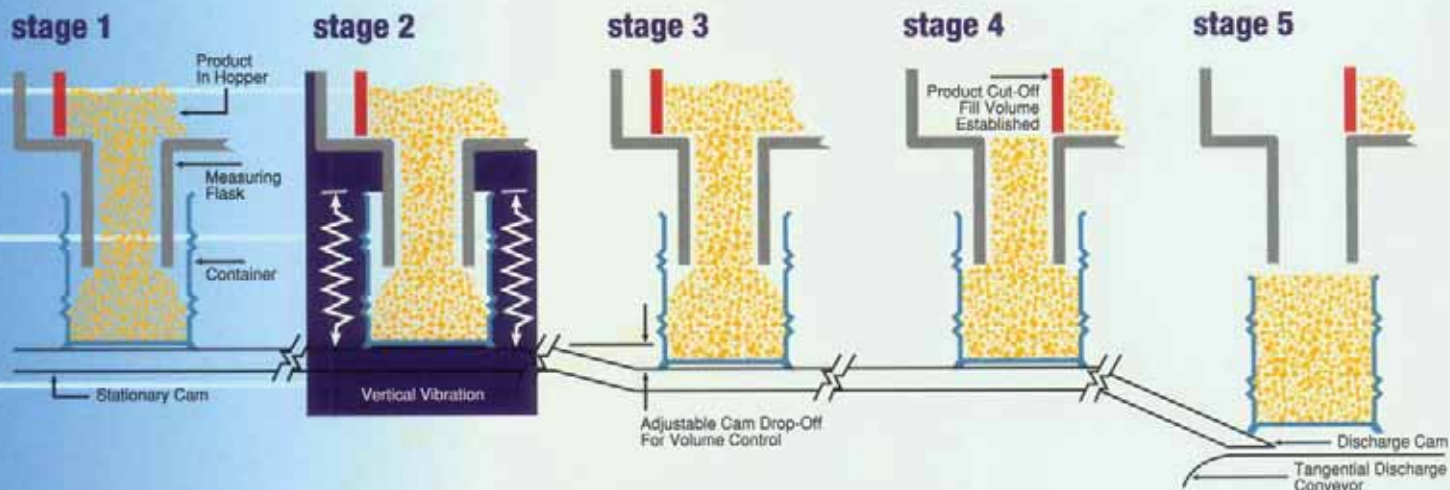
### Adjustable vibration

We believe this is the most efficient and reliable method of providing the desired degree of settling (see stage II of diagram) without damaging even the most fragile products.

Consistency in product settling provides for better weight control.

### Unitized change parts

Reduce change-over time drastically. A change-over to a different container can be made with ease. No more two hour shut-downs with Nalbach's Open-Head Filler. And no costly time spent on adjustment to reach maximum line efficiency.



## design features

- The filler bowl/measuring tube assembly is unitized. The container diameter determines the maximum number of measuring tubes used.
- Easy removal of the product filler bowl/measuring tube assembly and container control pusher assembly result in quick, easy washdown and container size change-overs.
- Positive container handling.
- No product shut-off valves to maintain and clean. There are no moving parts in the rotating filling head, assuring minimum product break-down and separation.
- Excellent accessibility for easy clean-up with hot water and/or caustic wash-down.
- Smooth, tangential container discharge.
- First-in, first-out product usage.
- Designed to handle glass containers with no product contamination if container breakage occurs.



## production features

The O-HB variable speed drive provides for filling speeds of 550 CPM or greater. Production rates depend on the type of product and container size. Container sizes accepted by model O-HB range from 2" to 7 1/4" in

diameter and 1 1/2" to 9" in height. An easy-to-use hand operated volume control mechanism permits fill weight adjustment even while the machine is in operation.



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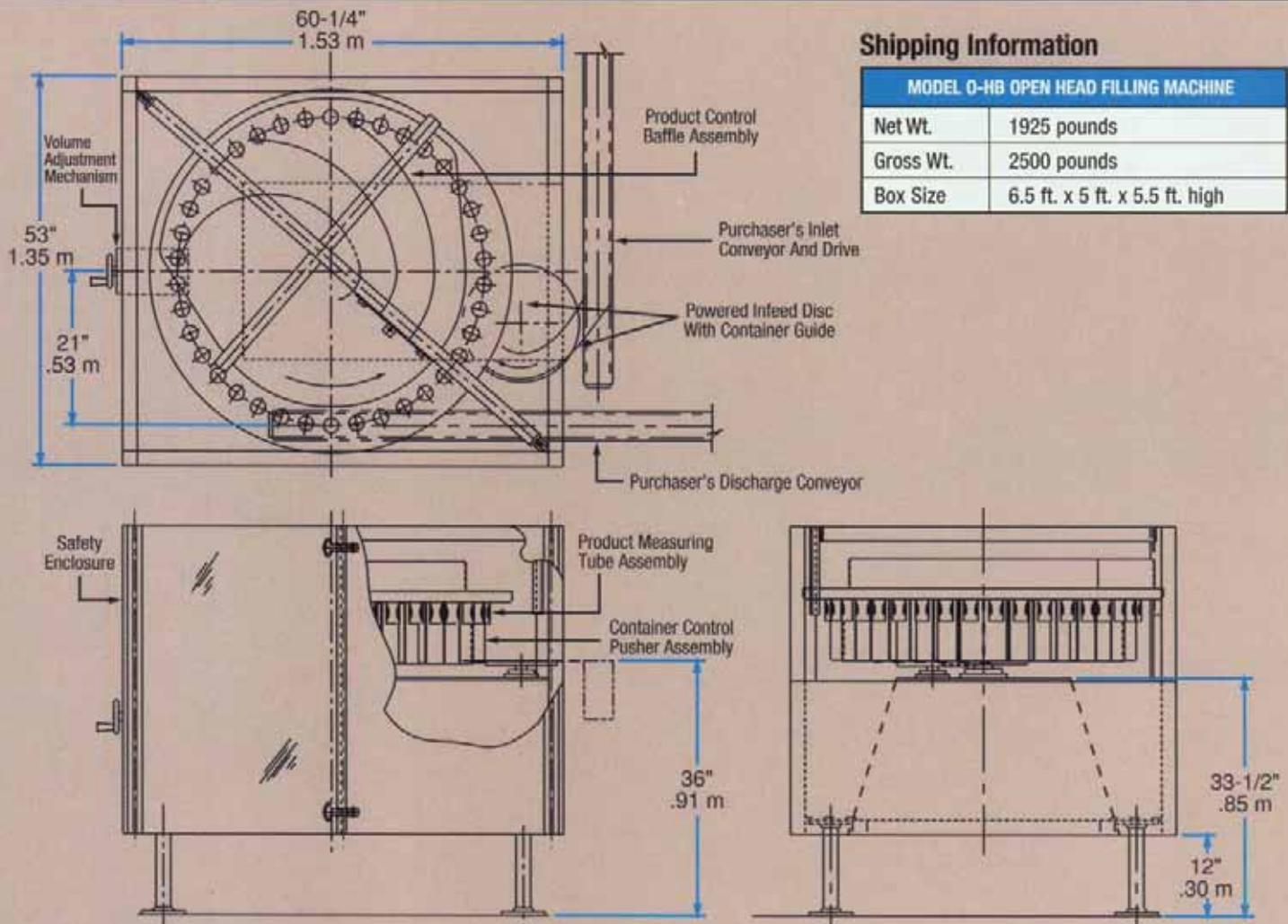
# the O-HB specifications

## Construction Features

- All outside surfaces of the machine, including all areas of direct product contact, are of stainless steel or UHMW Polyethylene construction.
- All structural members in the machine base are stainless steel.
- Container wear surfaces are hard chrome plated for long life.
- Container guide rails are covered with UHMW Polyethylene.
- The machine is equipped with an efficient, air-operated vibration mechanism to normalize product density and control product compaction.
- Equipped with unique, integral product spillage chutes.
- Totally enclosed for safety.
- Drive motor: 1/2 HP
- Air requirements: 5 CFM at 40 psig.

## Shipping Information

MODEL O-HB OPEN HEAD FILLING MACHINE	
Net Wt.	1925 pounds
Gross Wt.	2500 pounds
Box Size	6.5 ft. x 5 ft. x 5.5 ft. high



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