

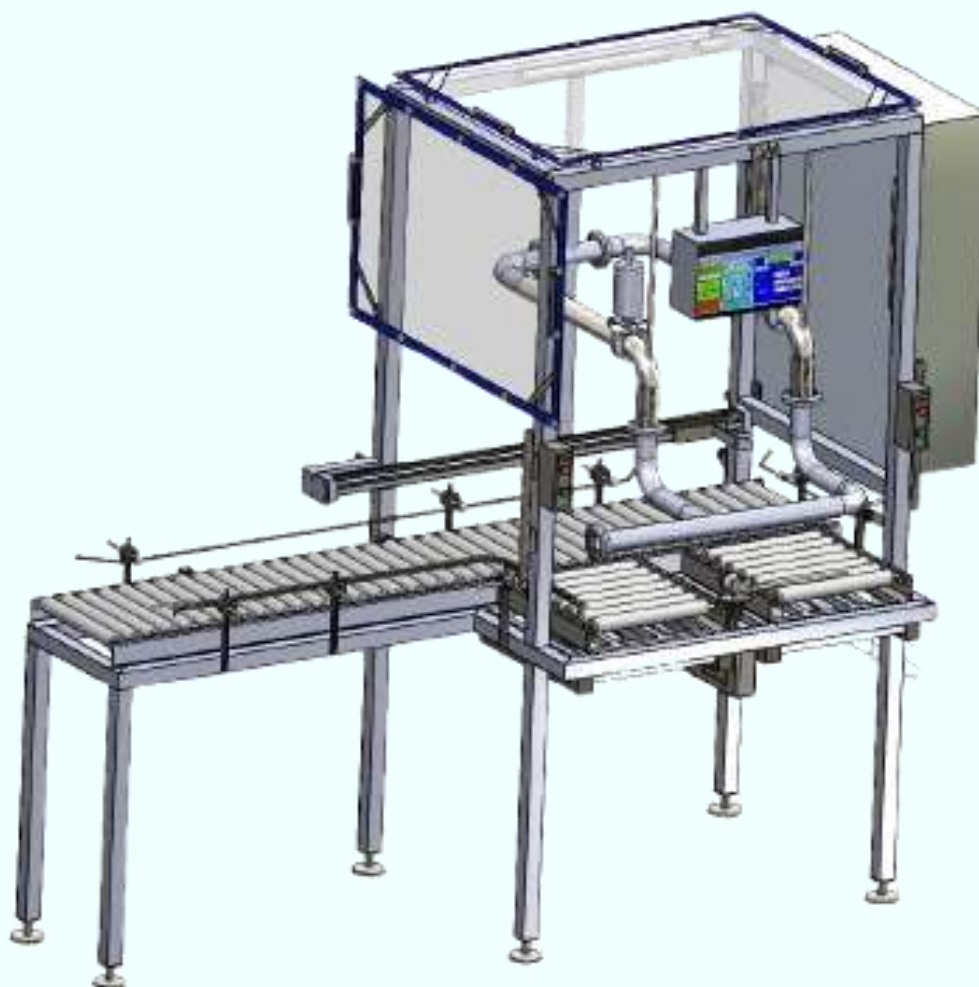
YOUTH SERVICE MISSION



YSM Dairy & Biotech Pvt. Ltd.

GSTIN: 06AAACY8854D1Z6

ISO 9001:2015 & ISO 14001:2015 Certified Co.



BULK FILLER

TECHNICAL DATA

- Filling weight 20 kg Filling accuracy < +/- 0.25% (standard deviation in 80% boxes)
- Capacity: 2,000 kg/h, per filling head capacity: 1,000 kg/h, Depends upon feed from positive pump (Lobe pump/ Screw Pump)
- Pneumatically connection: connection: pipe G 3/4"
- Product inlet connection 2", Tri-Clamp/ SMS Union
- At each station there is single Product outlet, 2" with multiple adapters of different outlet sizes.
- HMI Panel (7 inch for operation)

Description:

Bulk Filler is designed for margarine, butter, vegetable oil products and other pasty food stuff. The solid stainless-steel construction assures a long-life cycle even in continuous operation. Progressive safety installations and latest servo-mechanism ensure a smooth operational procedure and product handling.

Safety:

- Closed stainless steel framework (AISI 304) with safety covers
- Integrated safety concept at all accesses.

Technology:

- Direct feed from positive pump (Lobe Pump/ Screw Pump) – no compensating piston required (no dead ends)
- Each station is self-contained, both control wise and electro pneumatically
- Filling on each station is based on load cell.
- Due to modular design the unit is already complete wired and pretested prior delivery to minimize commissioning time

Hygiene:

- Interior easy to clean
- All parts coming in contact with product are of stainless steel (AISI 316L) or food grade plastic material
- Front and back roller conveyor roller optimized for use in typical dairy operation (open and cleanable)
- All parts in contact with product inclusive filling head from inside and outside

How does it work?

- We put erected carton to scale 1 & scale 2 on which the tare weight of each single carton is measured before filling.
- The product, e.g. Margarine is pumped through the filling pipe into the carton.
- The filling head is “fixed” on the delivered product and in consequence of this remain upwards to a defined position, supported by fixed lever.
- The filling valve is closed and the filling head moves out of the carton. The filled carton is conveyed to out position.

CIP:

- Treated as a closed-circuit CIP
- Common header with flexible hose pipe.