

FILLING SYSTEM

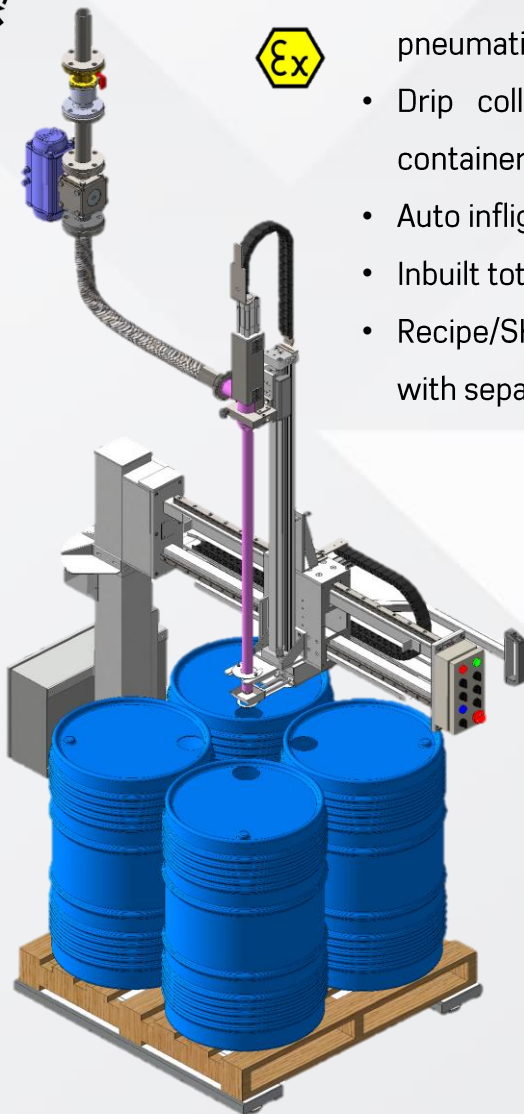
BOTTOM FILLING – MULTI DRUM

Model: BF-MD

The Bottom Filling Multi Drum (BF-MD) system is used for semi automatic drum filling applications. It is mainly suitable to fill all types of foaming products.

Features:

- Suitable for foaming, fuming, toxic, solvent and product generating static charge.
- Suitable for filling 200/300/1000kg capacity of Drum/IBC/Tote.
- Load cell based weighing platform with idler/powerised roller.
- Three stage filling operation (coarse, fine and super fine) for better filling accuracy and consistent performance.
- Step by step lance up movement to avoid foam, fume and static charge.
- Pillar assembly with radial/swivel arm for left/right movement and push/pull arrangement for forward reverse movement.



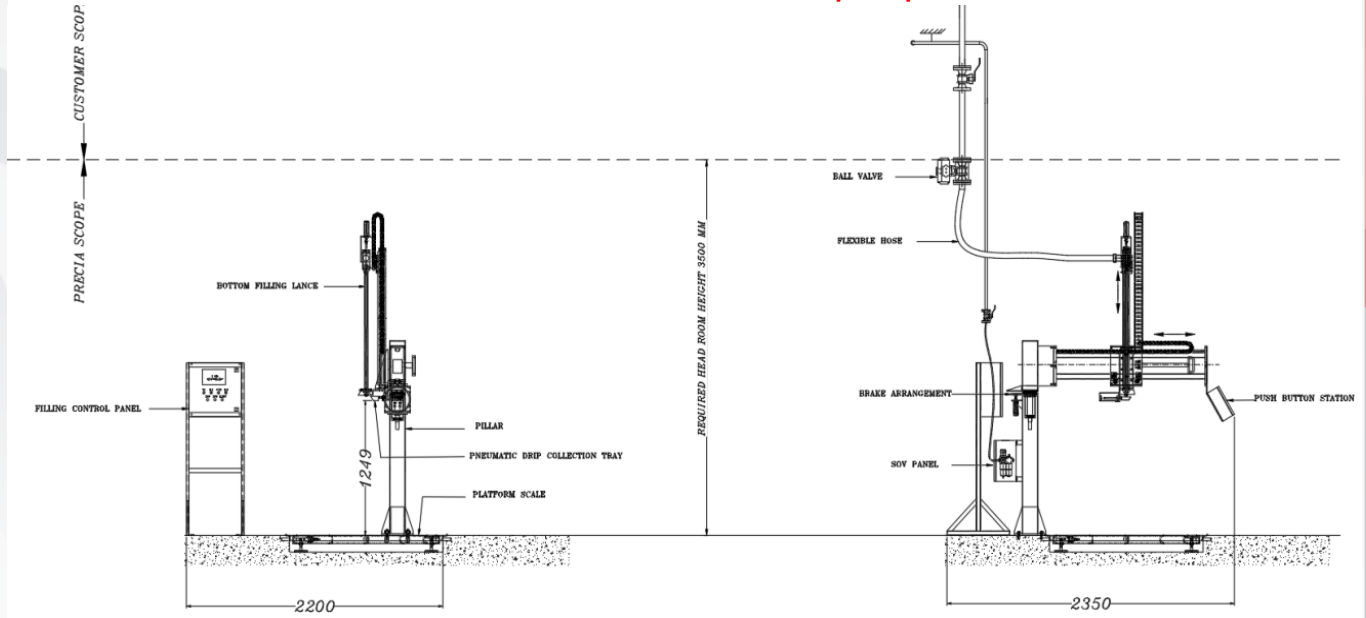
- Pneumatically operated diving nozzle filling lance with pneumatically operated foot valve.
- Drip collection tray provided to avoid material spillage on container and platform.
- Auto inflight compensation facility to get good accuracy.
- Inbuilt totalizer and drum counter.
- Recipe/SKU management facility for various density products with separate target setting.

Optional:

- Conveyor automation.
- Connectivity with PLC & SCADA.
- Bunging, debunging and crimping tools.



MULTI DRUM BOTTOM FILLING SYSTEM SUITABLE FOR 100/200/300KG AND 1000KG IBC



NOTE: GA SHOWN IS TENTATIVE ONLY. ACTUAL PROJECT SPECIFIC GA WILL BE PROVIDED UPON ORDER

TECHNICAL DETAILS:

Platform size (LxW)	1400mm x 1400mm/1500mm x 1500mm
Platform types	Pit mount/U weigh/Roller top (Idler/Powerised)
Available MOC	Mild steel/Stainless steel
Accuracy	+/- 0.03 to 0.05% of full scale
Throughput	Up to 10-30 drums/hr* *Depends on product characteristics & manual operation
Filling intelligent controller	Precia Molen Filling Controller model: I410
Power Requirement	1 Phase 230V AC/3 phase 440V AC, 50Hz
Available for area classification	Safe/Hazardous
Communication add on modules	Modbus TCP/IP, Ethernet IP, Profibus, Profinet RS232, RS485 serial link and USB
Optional	Nitrogen purging, Earth integrity monitor, Infeed & outfeed conveyor automation, Bunging, de-bunging & crimping tools