

# FILLING SYSTEM

## BOTTOM FILLING – MULTI LEVEL

### Model: BF-ML

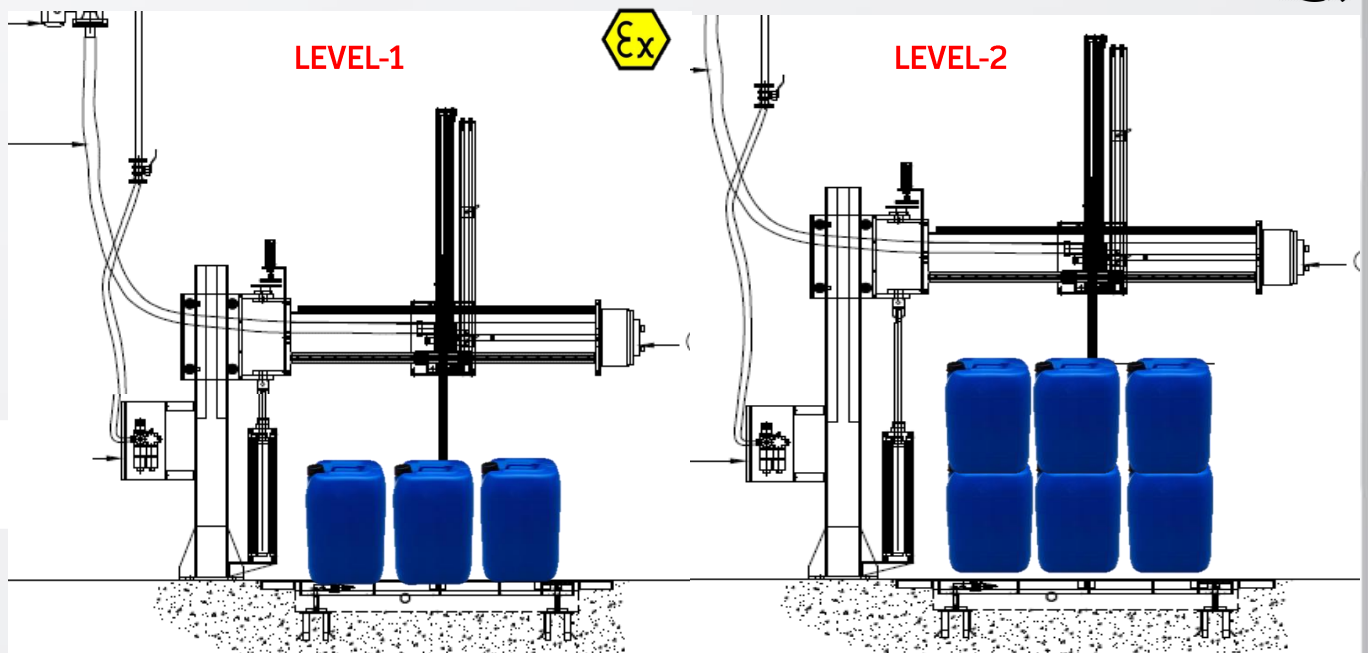
The Bottom Filling Multi Level (BF-ML) system is used for semi automatic drum filling applications. And it is mainly suitable to fill all types of foaming products.

#### Features:

- Suitable for foaming, fuming, toxic, solvent and product generating static charge.
- Suitable for filling 30/50/200/300/1000kg capacity of Carboy/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.
- Pneumatic/Manual screw based level adjusting facility.
- 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.

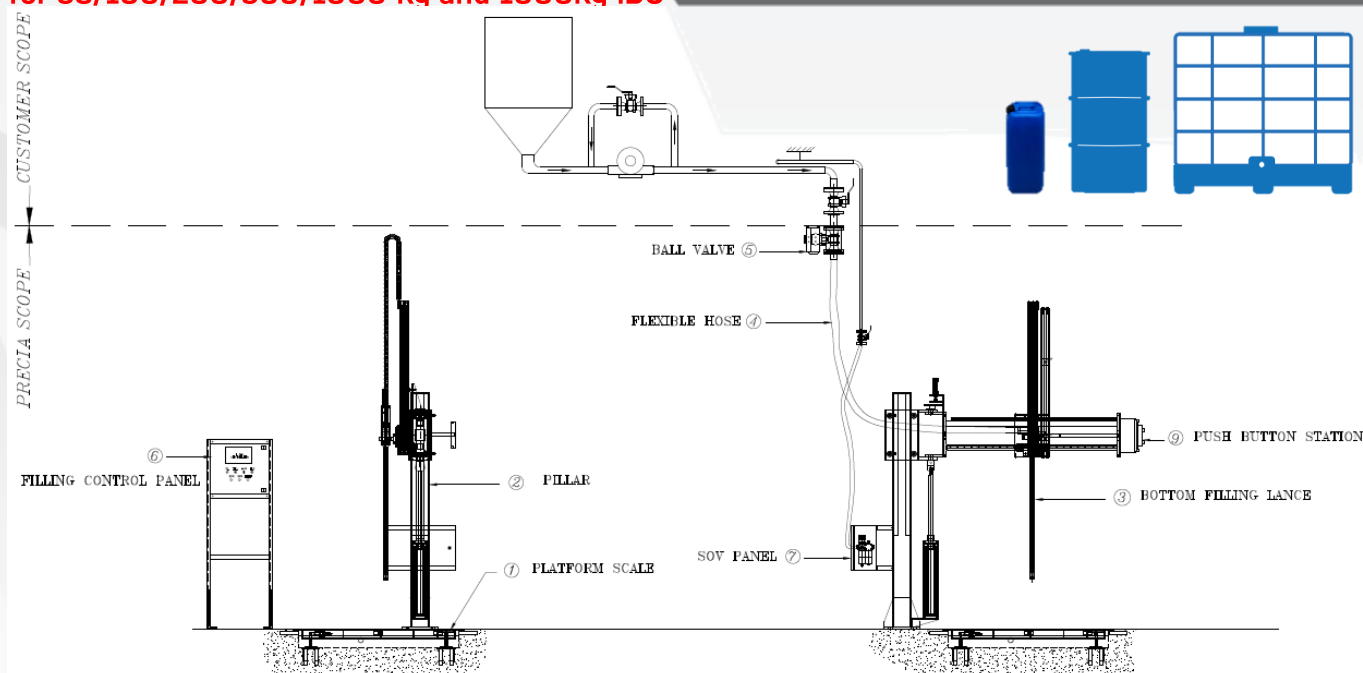
#### Optional:

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



**Bottom Filling Multi Level System suitable  
for 35/100/200/300/1000 kg and 1000kg IBC**

**TECHNICAL SPECIFICATIONS**



**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)
MOC Available	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 conveyors automation, Bunging, de-bunging & crimping Tools

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