

FILLING SYSTEM

BOTTOM FILLING – SINGLE DRUM

Model: BF-SD

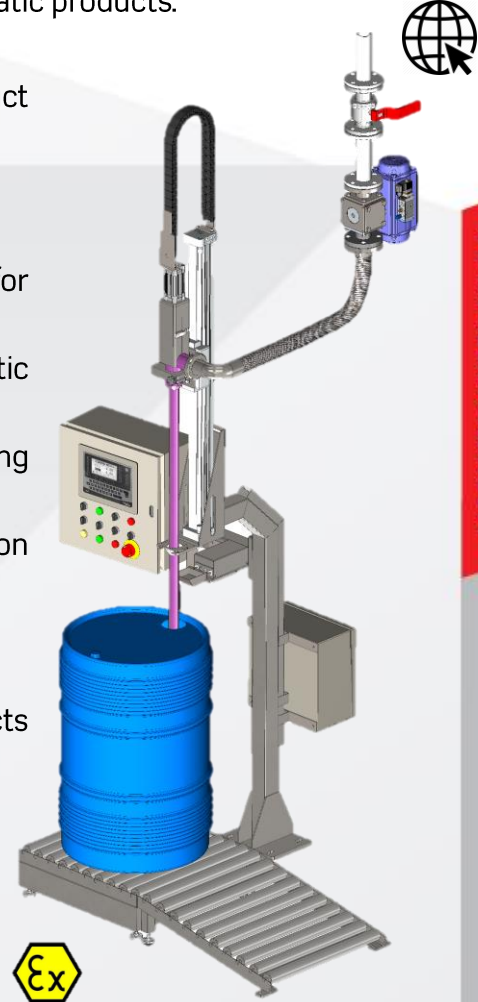
The Bottom Filling Single Drum (BF-SD) system is used for semi-automatic drum filling applications. It is mainly suitable for filling all types of foaming & static products.

Features

- Suitable for foaming, fuming, toxic, solvent and product generating static charge.
- Suitable for capacity ranging from 20kg to 300kg drums.
- 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 arrangement for mounting pneumatically operated diving nozzle filling lance with pneumatically operated foot valve.
- Drip collection tray provided to avoid material spillage on container and platform.
- 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

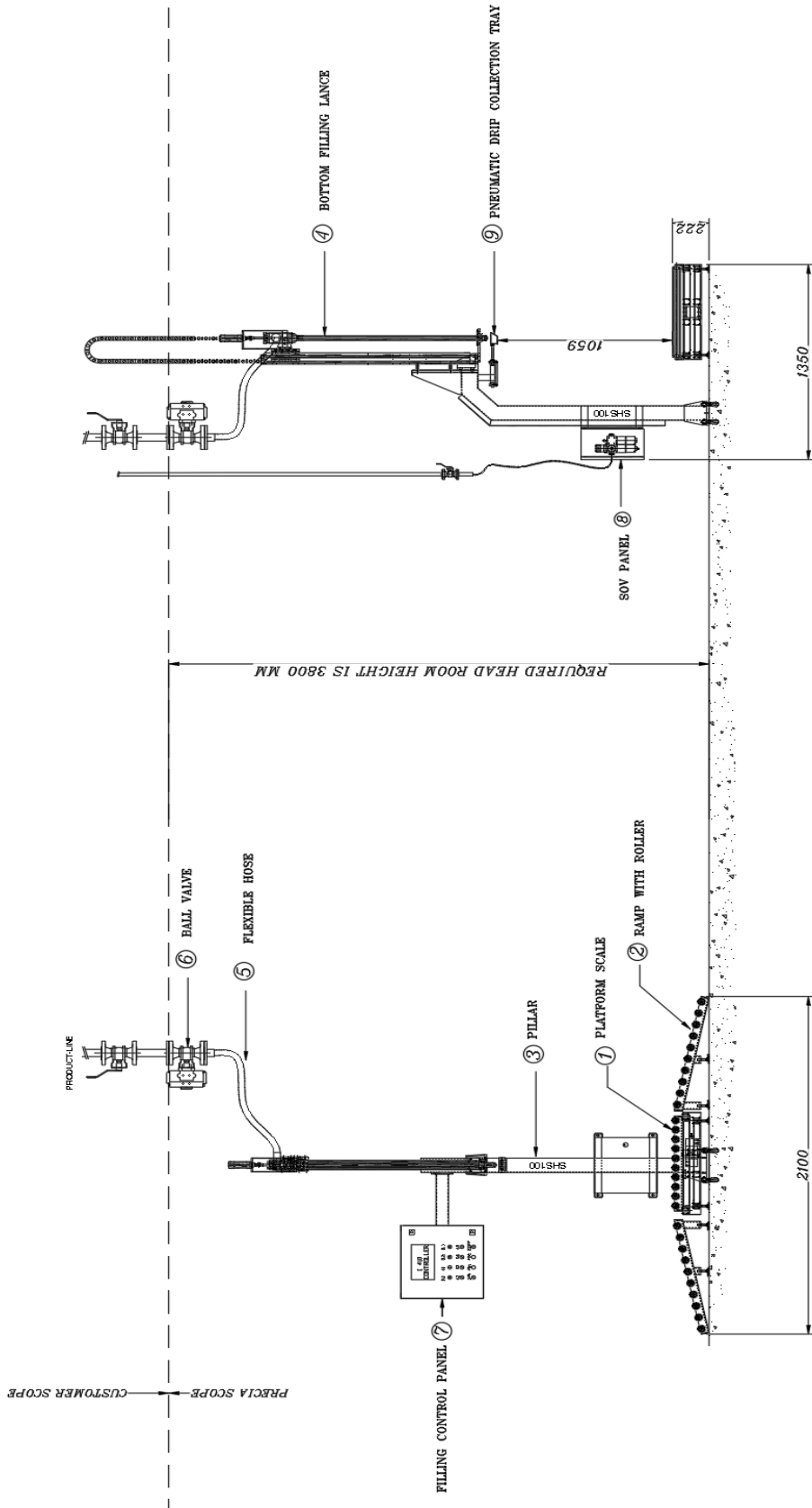
- Conveyor automation.
- Connectivity with PLC & SCADA.
- Bunging, de-Bunging and crimping tools.



Technical details

Platform size	Customizable according to size of the container
Available MOC	Mild steel/Stainless steel
Accuracy	+/- 0.03 to 0.05% of full scale
Throughput	Up to 10-40 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 module	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

STANDARD BOTTOM FILLING FOR CARBOY/PAIL/DRUM SUITABLE FOR 20/50/100/210/300KG



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