

FILLING SYSTEM

TOP FILLING – SINGLE DRUM

Model: TF-SD

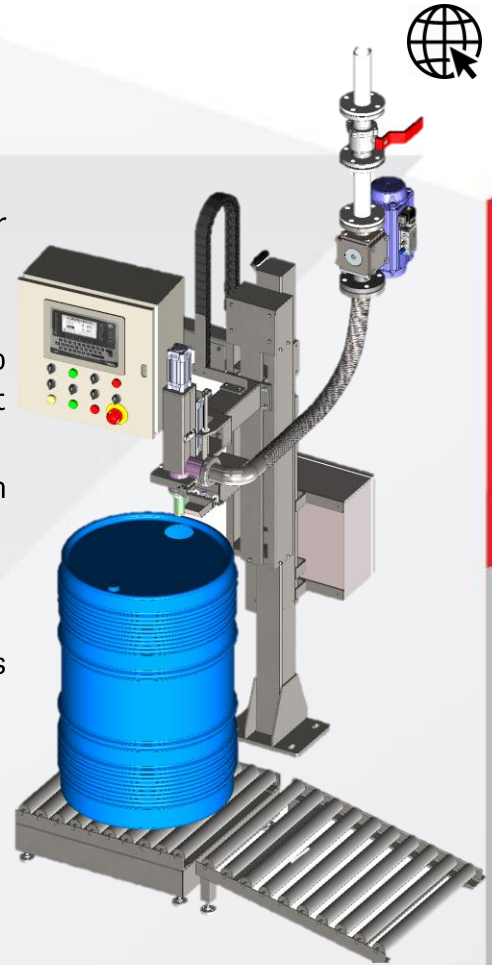
The Top Filling Single Drum (TF-SD) system is used for semi-automatic drum filling applications and it is suitable for filling all types of non-foaming products.

Features

- Suitable for non-foaming products.
- Suitable for capacity ranging from 20kg to 300kg drums.
- Three stage filling operation (coarse, fine and super fine) for better filling accuracy and consistent performance.
- Load cell based weighing platform with idler/powerised roller.
- Pillar arrangement for mounting pneumatically operated top filling lance fixed with rack & pinion assembly for height adjustment to fill containers of different heights.
- Drip collection tray provided to avoid material spillage on container and platform.
- Auto in-flight compensation facility to get good accuracy.
- Inbuilt totalizer and drum counter.
- Recipe/SKU management facility for various density products with separate target setting.

Optional

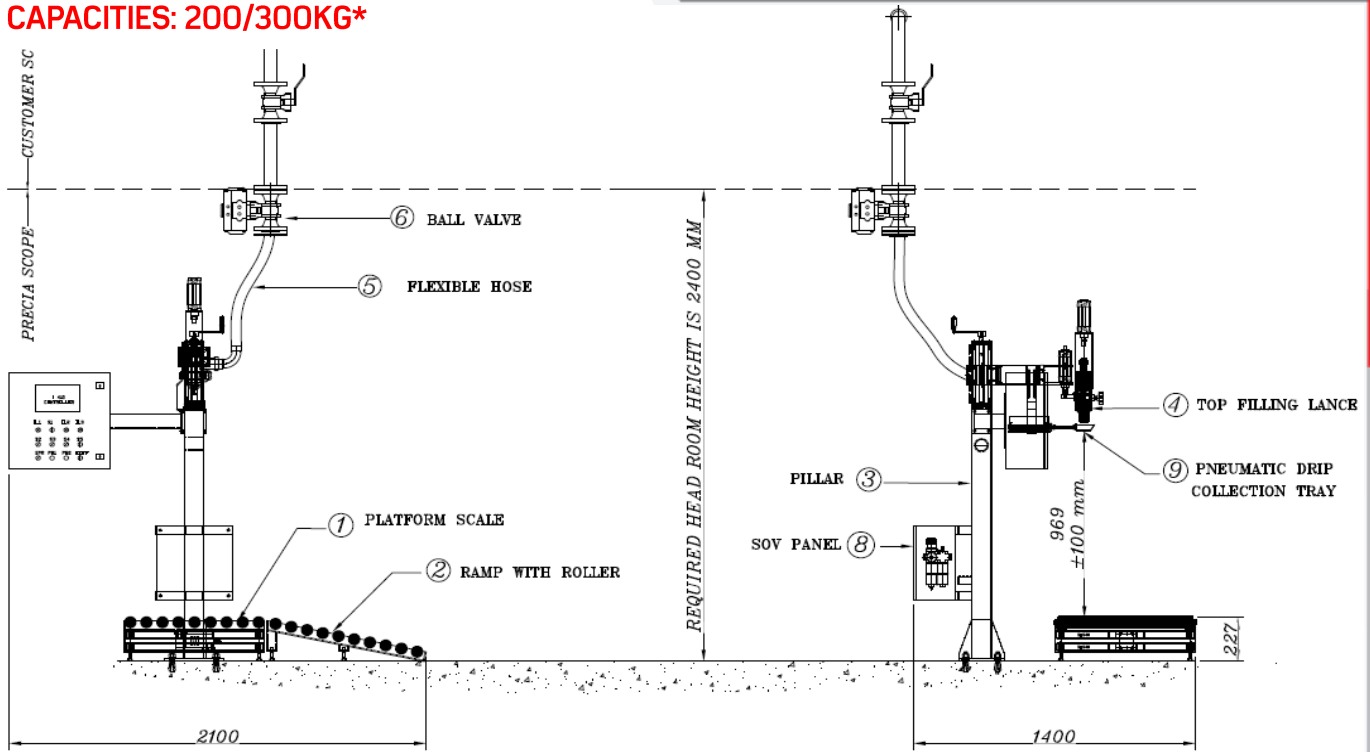
- Conveyor automation.
- Connectivity with PLC & SCADA.
- Bunging, de-Bunging and crimping tools.



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
Available Options	Nitrogen purging, Earth integrity monitor, Infeed & outfeed conveyors automation

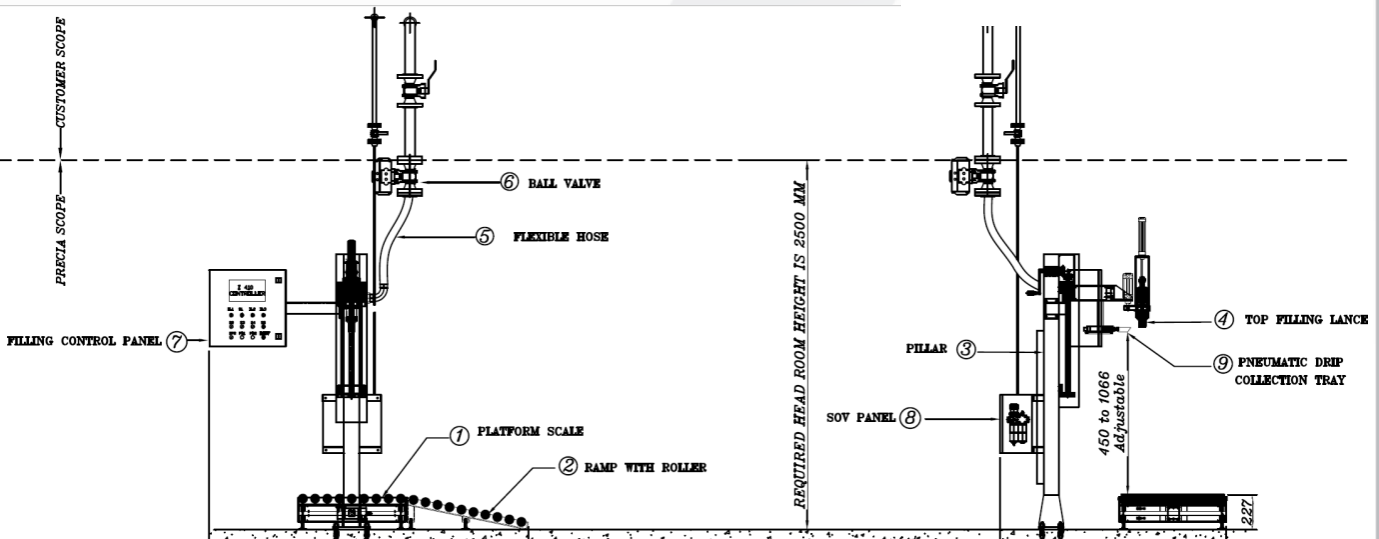
STANDARD SYSTEM CAPACITIES: 200/300KG*



* For other capacities, project specific GA will be provided

OPTIONAL/ADD ON

RACK & PINION ASSEMBLY FOR HEIGHT ADJUSTMENT TO FILL CONTAINERS OF DIFFERENT HEIGHTS FOR 30/50/100/200/300KG.



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