ISL TECHNOLOGIES PTE LTD
E: info@conevalve.com.sg
W: www.conevalve.com
Co.Reg.No: 200208690W

Basic Discharge Station (with Frame Vibrator & Mounting Frame)

APPLICATION: Designed for safe & hygienic discharge of material from an ISL IBC into processes such as mixing, packaging, screening and conveying.

DESCRIPTION: The basic station automatically discharges product from any ISL IBC, immediately as the IBC is lowered onto it. As the IBC is lowered, the IBC outlet engages onto the Station "skirt" and the IBC Cone Valve locates onto the Station fixed central "probe" thus creating an environmental seal between IBC and process. As the IBC is further lowered to rest, the valve remains in its location on the probe so creating an annular gap for product to flow through.

When the IBC is empty, it is lifted off the Station, as it lifts, the IBC outlet remains sealed into the skirt until just after the valve re-seats in the IBC outlet. Thus, there is not even a momentary exposure of the product before, during and after discharge.

INDUSTRY: Food, Pharma, Chemical & Others

MEDIA: Powder, Granules, & Pellets

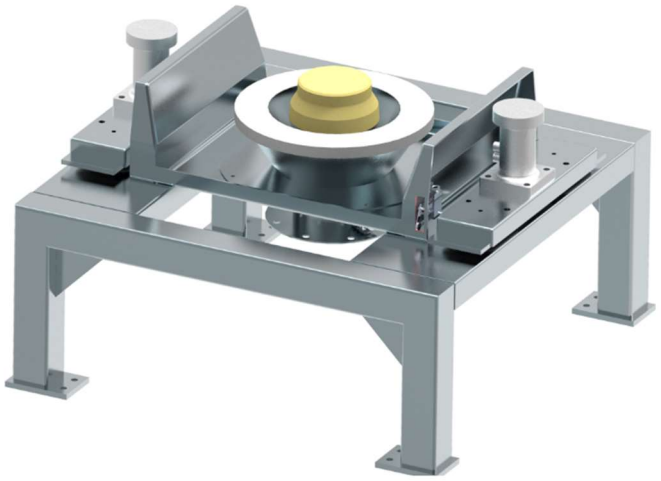
MATERIAL OF CONSTRUCTION: Contact parts: Natural Latex, Polypropylene (PP) & Stainless Steel 304/316L.

Non-Contact Parts: Stainless Steel 304.

Elastomers: Natural Latex, HDPE, Polypropylene (PP)
All elastomers are food grade & FDA-compliant.

Fasteners: Stainless steel or mild steel

Fitting: Nickel-plated brass with Co-polymer sleeve



MOUNTING FRAME: ISL offers a standard designed Mounting Frame as shown.

(Mounting frame can be customised to suit client's requirement)

DIMENSION: (L x W x H) 1225 mm x 1225 mm x 772 mm (48.23 in x 48.23 in x 30.39 in)

NETT WEIGHT: ~ 220 kg (485 lbs)

DISCHARGE CONNECTION: 200mm (ID), 125/150# ANSI bolt hole

(Mounting connection can be customised to suit client's requirement)

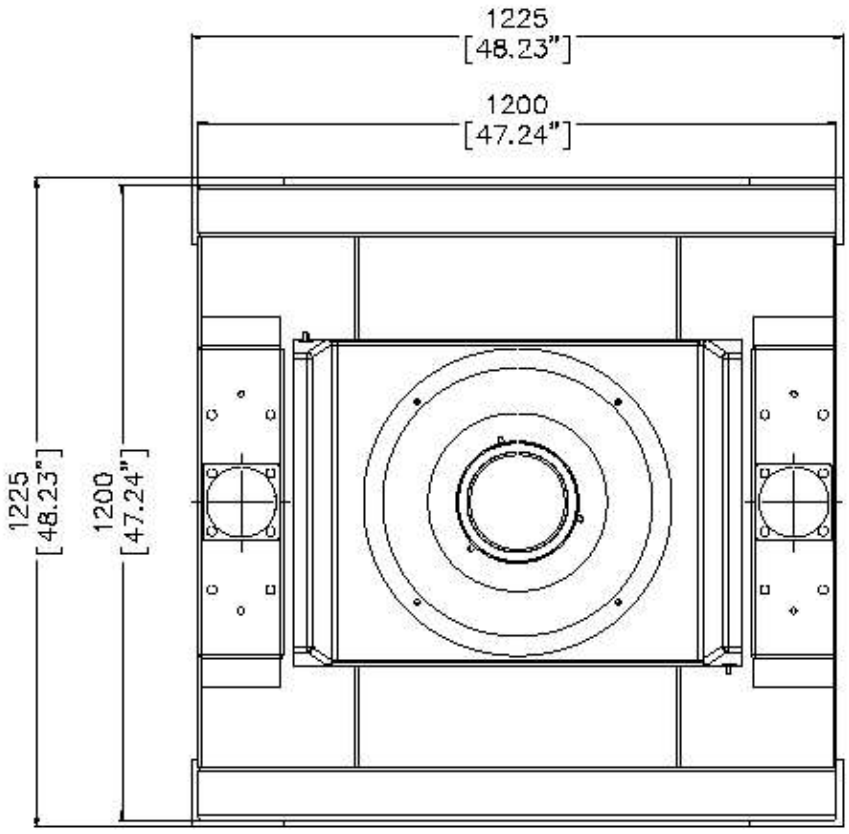
FRAME VIBRATOR: Piston vibrator, Air pressure: 4 bar, Air volume: 100 l/min (continuous), Tubing Size: 12mm

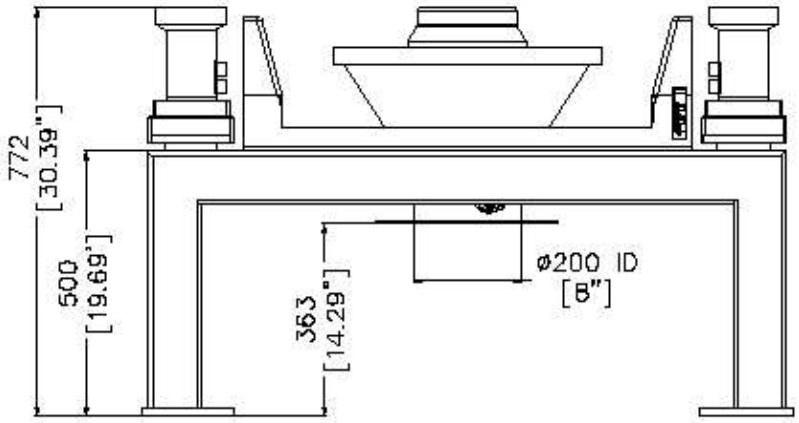
ACCESSORIES

ROLLER LIMIT SWITCH (OPTIONAL): Adjustable roller lever, SPDT (snap-action contact), N.O., M20 cable conduit, IP 65

LEVEL SENSOR (OPTIONAL): Capacitive Sensor, M30, 10-30 VDC PNP, N.O. Contact, IP 65, comes with quick disconnect cable

GENREAL DRAWING – BASIC STATION (w/ FV & MF)





51 Ubi Ave 1 # 01-19 Paya Ubi Industrial Park, Singapore 408933 O: +65 6343 1911 F: +65 6343 1123