ISL TECHNOLOGIES PTE LTD
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Co.Reg.No: 200208690W

IBC Fill Head (Pneumatic Cylinder Actuated)

APPLICATION: Designed to ensure a dust-free transfer of product from process line into an IBC.

DESCRIPTION: The ISL Fill Head is installed at the point where the product is being transferred from the process line into an IBC. The Fill Head has a cyclonic design and when paired with an appropriate dust collector system, ensures maximum dust containment.

The Fill Head is operated by a pneumatic cylinder and when lowered, will cover the inlet of the IBC. It has an integrated vent pipe to exhaust the displaced air from the IBC as the powder is loaded.

INDUSTRY: Food, Pharma, Chemical & Others

MEDIA: Powder, Granules, & Pellets

MATERIAL OF CONSTRUCTION: Contact parts: Stainless Steel 304 or 316/316L.

Non-Contact Parts: Stainless Steel 304.

Elastomers: Silicone
All elastomers are food grade & FDA-compliant.

Fasteners: Stainless steel or mild steel

Fittings: Nickel-plated brass with Co-polymer sleeve



ACTUATION: 2 x Pneumatic Actuated Cylinders

Stroke Length: 200mm (8 in)
(Different stroke length available on request)

PNEUMATIC REQUIREMENT: Comp. air pressure – 4 to 6 bar
Comp. air volume – 4.37 l/cycle
Tubing Size: 12 mm

MAGNETIC REED SWITCHES: 12-48 VDC, 1A,
N.O. Contact, IP65

LID SENSOR: Inductive sensor, M30, 10-36 VDC PNP, N.O. Contact, IP 65, comes with quick disconnect cable

AIR CONTROL ASSY: Double solenoid valve, 24 VDC, IP 65, G1/4 ports, This includes tubing, fittings & mounting brackets

JUNCTION BOX: Polycarbonate enclosure, water & dust tight IP66, pre-wired to solenoid valve.

MOUNTING CONNECTION: Stud Bolts

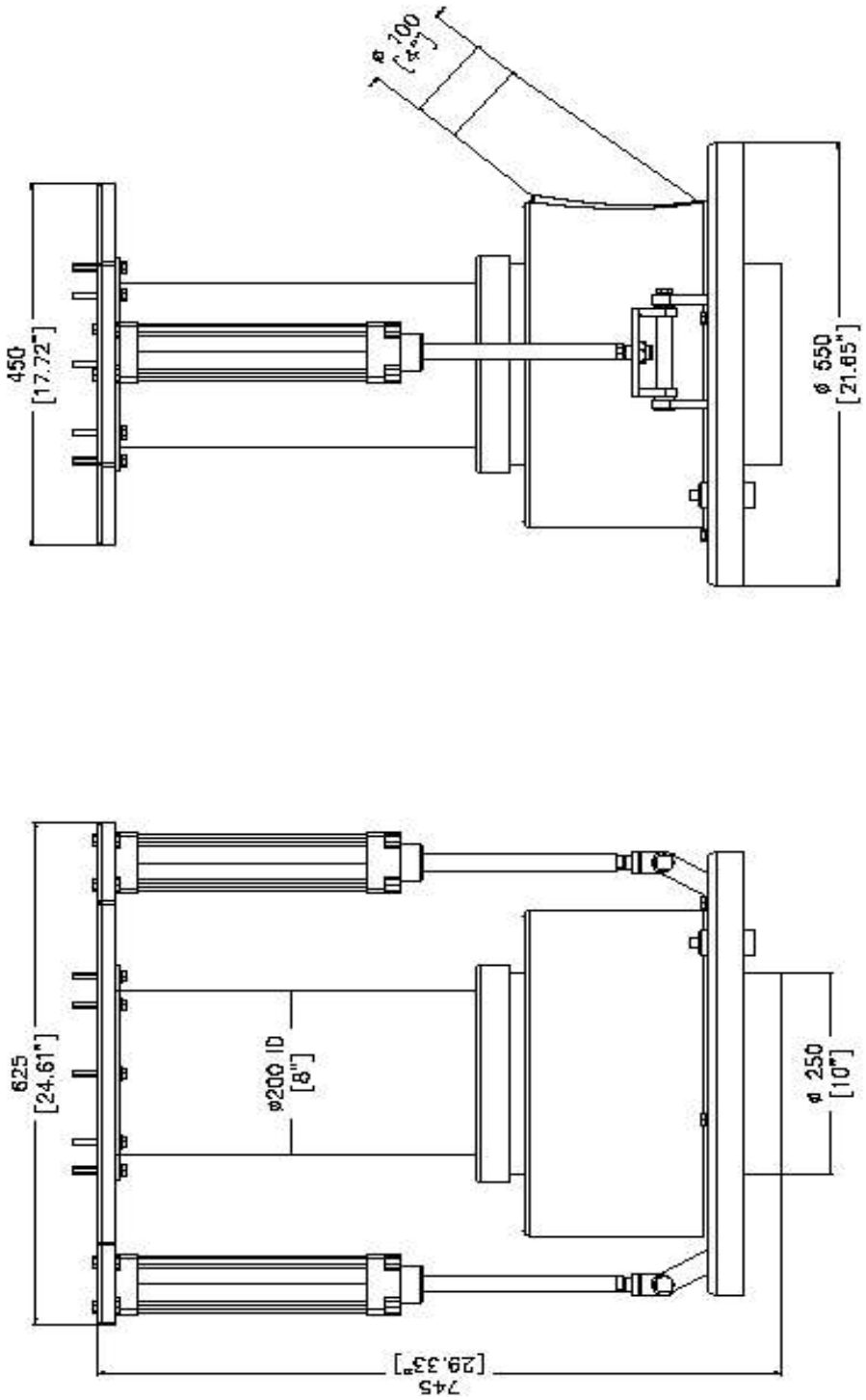
(Mounting connection can be customised to suit client's requirement)

DIMENSION: (L x W x H) 625 mm x 667 mm x 745 mm
(24.61 in x 26.26 in x 29.33 in)

NETT WEIGHT: ~70 kg (154 lbs)

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General Drawing - IBC Fill Head



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