ISL TECHNOLOGIES PTE LTD
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Intermediate Bulk Container (IBC) SS Square Blending

APPLICATION: Designed for material storage, transport or in-process handling.

DESCRIPTION: Intermediate Bulk Containers (IBCs) are a unique way of handling powders and granular materials for different processes such as storage, transport, weighing, blending and batching. They are easily identifiable as a batch production vessel for traceability and become part of a reliable and flexible production process.

Each IBC is designed with stacking pads which allow IBC to be double-stacked. Its support structure also facilitates a two-way fork truck transport access.

INDUSTRY: Food, Pharma, Chemical & Others

MEDIA: Powder, Granules, & Pellets

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

Non-Contact Parts: Stainless Steel 304/316L.

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

Fasteners: Stainless Steel or Mild Steel



SIZES AVAILABLE: 500 L (18 cu ft); 850 L (30 cu ft); 1000 L (35 cu ft); 1500 L (60 cu ft); 2000 L (71 cu ft); 2500 L (88 cu ft); 3000 L (106 cu ft)

(Other sizes may be customised to suit client's requirement)

INLET DIAMETER: 500 mm (19.69 in)

STACKING PADS: Support beams have been designed to allow IBC to be double-stacked.

DIMENSIONS: Please refer to table overleaf.

WEIGHT: Please refer to table overleaf.

ACCESSORIES

CONE VALVE LOCK (OPTIONAL): To secure the cone valve in place to prevent product leakage during blending.

IDENTIFICATION PLATES (OPTIONAL): For easy identification of individual IBC as well as effective inventory management.

RFID and Barcode may also be implemented into the IBC system.

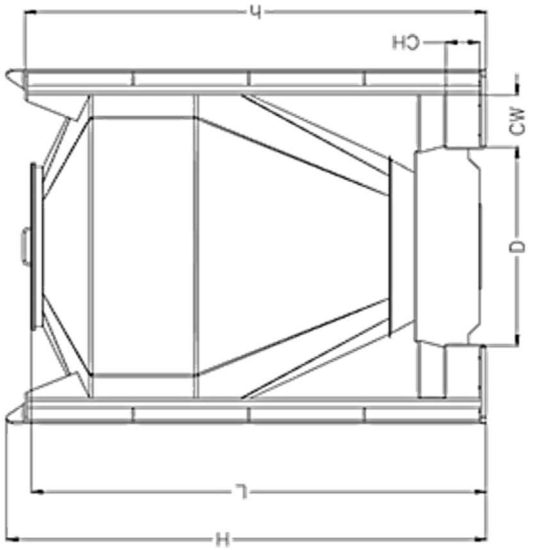
LID HOLDER (OPTIONAL): A slot designed on the side of the IBC to hold the lid while product is being filled into the IBC.

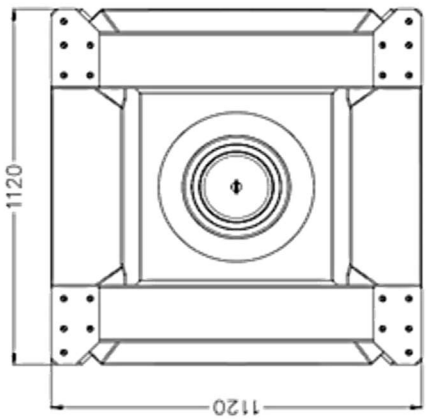
LID CLAMP (OPTIONAL): Stainless steel clamp for securing lid to IBC. Prevents tampering of product stored in IBC.

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General Drawing - IBC SS SQ BL

H – Overall Height
h – Stacking Height
L – Inlet Height
D – Forklift Channel Gap
CW – Forklift Channel Width
CH – Forklift Channel Height





S/No.	Description	H	h	L	D	CH	CW	Weight
1	IBC 650	1325 (52.17")	1269 (49.96")	1249 (49.17")	619 (24.27")	101 (3.98")	166 (6.54")	198 KG (437 LB)
2	IBC 850	1450 (57.09")	1395 (54.92")	1370 (53.94")	619 (24.27")	101 (3.98")	166 (6.54")	210 KG (463 LB)
3	IBC 1000	1550 (61.02")	1495 (58.85")	1470 (57.87")	619 (24.27")	101 (3.98")	166 (6.54")	221 KG (487 LB)
4	IBC 1300	1833 (72.17")	1778 (70.00")	1753 (69.02")	619 (24.27")	101 (3.98")	166 (6.54")	243 KG (536 LB)
5	IBC 1500	1970 (77.56")	1915 (75.39")	1890 (74.91")	619 (24.27")	101 (3.98")	166 (6.54")	252 KG (556 LB)
6	IBC 2000	2380 (93.70")	2325 (91.54")	2300 (90.55")	619 (24.27")	101 (3.98")	166 (6.54")	318 KG (701 LB)
7	IBC 2500	2810 (110.63")	2755 (108.46")	2730 (107.48")	619 (24.27")	101 (3.98")	166 (6.54")	358 KG (789 LB)
8	IBC 3000	3230 (127.17")	3175 (125.00")	3150 (124.02")	619 (24.27")	101 (3.98")	166 (6.54")	398 KG (878 LB)

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