ISL TECHNOLOGIES PTE LTD
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Intermediate Bulk Container (IBC) Poly Square

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, 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/without stacking pads. Its support structure also facilitates a two-way fork truck transport access.

INDUSTRY: Food, Chemical & Others

MEDIA: Powder, Granules, & Pellets

MATERIAL OF CONSTRUCTION: Contact Parts: Stainless Steel S316L, Natural Polyethylene (PE), Polypropylene (PP), Silicone

Bin lid and body can be made in standard natural, coloured or black conductive polypropylene.

Non-Contact Parts: Mild Steel (Galvanized) or Stainless Steel 304.

Elastomers: Natural Polyethylene (PE), Polypropylene (PP), Nitrile Rubber (NBR), Silicone & HDPE
All elastomers are food grade & FDA-compliant.

Fasteners: Mild Steel or Stainless Steel



SIZES AVAILABLE: 1000 L (35 cu ft); 1500 L (60 cu ft); 2000 L (71 cu ft)

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

DIMENSIONS: Please refer to table overleaf.

INLET DIAMETER: 500 mm (19.69 in)

LID TYPE: Push fit

WEIGHT: Please refer to table overleaf.

ACCESSORIES

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

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

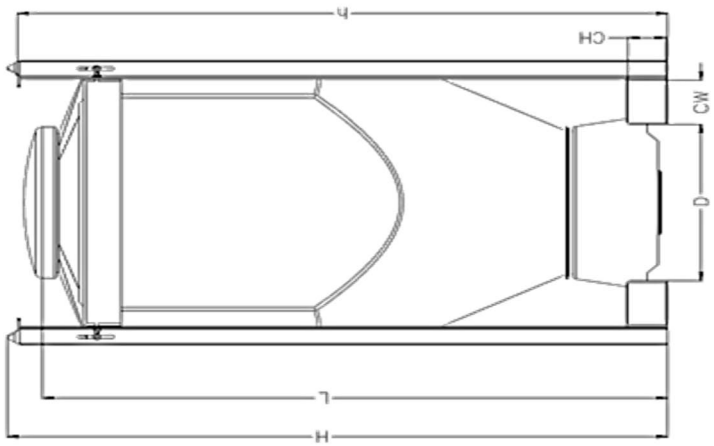
RFID and Barcode may also be implemented into the IBC system.

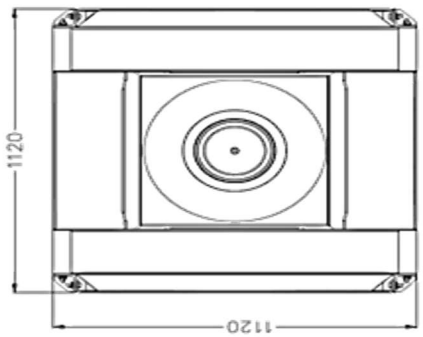
LID HOLDER (OPTIONAL): A slot designed on the side of the IBC to hold the lid while product is being filled into the IBC.

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General Drawing - IBC POLY SQ

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 1000	1668 (65.67")	1634 (64.33")	1556 (61.26")	619 (24.27")	116 (4.57")	170 (6.69")	134 KG (295 LB)
2	IBC 1500	2036 (80.16")	2004 (78.90")	1926 (75.83")	619 (24.27")	116 (4.57")	170 (6.69")	150 KG (331 LB)
3	IBC 2000	2496 (98.27")	2464 (97.01")	2386 (93.94")	619 (24.27")	116 (4.57")	170 (6.69")	164 KG (361 LB)

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