

COMBOLIFE™ 285DD

RETURNABLE AND FOLDABLE IBCS
FOR FLUID HANDLING

1155 X 1155 X 1132 MM, 1060 L



ComboLife bag-in-box solution now with even more efficient handling, a drop-door to facilitate liner bag installation

A compact, collapsible IBC designed to handle a wide variety of fluid products. It combines the benefits of a rigid return container system with the simplicity of disposable products.

Advantages over traditional single trip systems:

- **Substantially reduced cost per trip**
- **Limited use of packaging materials (only the liner bag is disposable)**
- **Hygiene – nor corrosion neither rot**
- **Safety – both fully protection of fluid and trackability**
- **Easy to fill, discharge and transport**
- **Space utilization – stackable and foldable**

Bottom line benefits

The high performance of this bag-in-box system translates directly into bottom line benefits. Not only saving money and time on transport, handling and storage also indirect savings are achieved: the system's excellent design guarantees its long lifetime and safe delivery of the filled product.

Do more with less

The connection between financial and environmentally friendly logistical solutions is getting stronger all the time. ComboLife 285DD delivers a practical cost effective distribution system along with superior resource efficiency. The footprint is ideal to minimize costs for transport and storage. This all plastic container eliminates the presence of fibre fragments or corrosion.

Giving the best of both worlds, this all plastic returnable system is rapidly becoming the new industry standard.



The access door is opened to facilitate the liner installation

Schoeller Arca Systems

Creative solutions for better returns

Practicality rules!

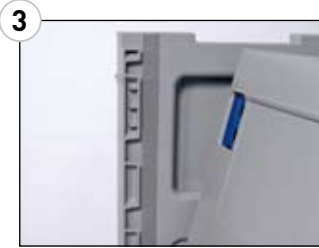
In designing this IBC, the operators' concerns have been top of mind. Simple handling is a basic principle, steering product development decisions and leading to the creation of this truly ergonomic, user-friendly system. The all plastic ComboLife 285DD is conveniently handled by only one operator. Moreover, it is easy to keep clean and simple to maintain compared to traditional systems.



1 DROP DOOR
The access door is opened to facilitate the liner installation



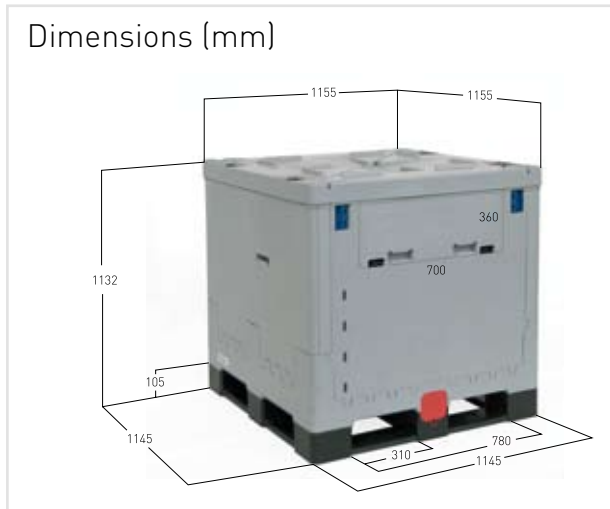
2 SMOOTH CLEAN SURFACE WITH LABEL AREAS
Smooth surfaces and rounded corners ensure the highest standards of hygiene and safe handling. Special recessed areas are provided for label attachment to improve its visibility and protection.



3 OVERLAPPING SURFACE
The walls and base overlap to protect the liner and to keep inside of the container clean.



4 SMOOTH SURFACE
The inside walls have a smooth finish and design for maximum hygiene and ease of cleaning. Rinse water can drain away through small holes in the bottom.



5 SIGHT GLASS
A row of sight glasses are provided for quick inventory of fluid content level.



6 BOTTOM DISCHARGE OPENING
The bottom discharge opening is located below the drop door and positioned below the inside bottom level to ensure maximum discharge performance without manual assistance. A range of glands and valves are available to fit the outlet. A tamper evident cap is used to cover the outlet.



7 TAMPER EVIDENT LOCKING DEVICE
The (4x) locking device is a strong and durable all plastic design. It is simply operated to open or close through a lift and slide motion. To secure the locking a seal ensures the tamper evidence.



9 STACK INTERLOCKING
The feet interlock with stacking ridges on the lid to secure containers when stacked in storage areas or during transport. The feet are reinforced to carry a load of 5 high stack and to sustain tough fork lift handling.



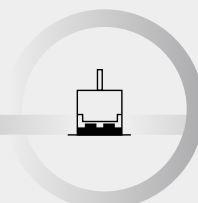
8 WALL LOCKING CLIPS
The clips prevent unintended folding of the container. By moving the clips inwards the walls can easily be folded.



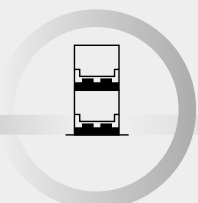
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SETTING UP
One person can easily prepare a ComboLife 285DD for use. The walls are raised and locked in place by hand. The liner bag is then positioned inside the IBC with the discharge valve clip-locked in place.



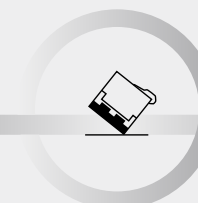
FILLING
ComboLife 285DD is designed for ease of use and compatibility with existing filling systems.



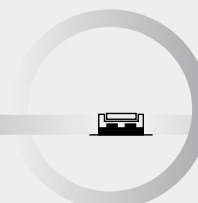
STACKING AND STORING
These strong and stable IBCs can be stacked 5 high. They are weather proof and can be left outdoors for long periods.



TRANSPORT AND DELIVERY
The containers' compact design maximises space and payload in all modes of transport. Their low weight compared to most other distribution units means lower transport costs.



DISCHARGING
Discharging product from the flexible ComboLife 285DD liner bag is easy as it expands when filled and contracts when emptied. The bag contains no air so there is no risk of oxidation or skinning.



FOLDING AND RETURNING
Once the liner bag is removed, one operator can unlock the side walls and fold them down again. Since the collapsed volume of empty IBC's is reduced significantly, they require little space in storage and deliver substantial cost savings on return freight.



LINER BAG

A wide range of liner bags is available for CL 285DD. The liner is built up by a number of film layers and seam welded together. Each layer of a selected material to provide desired performance. To fill and discharge, in- and outlet glands or valves are available in various dimensions and designs.



CONNECTORS

Item No. 4458.350.900
2" camlock M / 2" BSP
Item No. 4458.300.900
2" camlock / 2" hosetail
Various connectors are available. The connectors are attached to a filling or discharge hose with the hose either connected to the filling gland or the discharge valve.



FILLING BRIDGE

Item No. 4461.200.000
Filling bridge CL 285BD 2" Sq
Item No. 4461.201.000
Filling bridge CL 285BD 2" Hex
The filling gland on the liner bag is connected to a filling bridge for easy filling.



TAMPER EVIDENT SEAL CL 285

Item No. 4420.080.232
TE seal CL 285
The temper evident seal is used to secure the four locking devices of the lid.



TAMPER EVIDENT CAP CL 285

Item No. 4456.000.232
TE cap CL 285
The tamper evident cap secures the discharge area during transport and storage.



EXTERNAL VALVE

Item No. 4458.100.502
Flexi valve 2" camlock
Item No. 4458.110.502
Flexi valve S60 x 6
4458.200.502. Cutter.
The external valve is made from food grade plastic.



DISCHARGE OF LINER BAG

To discharge a liner bag quipped with a gland, a membrane needs first to be cut. This is done with a cutter when an external valve is attached to the gland.



ELBOW SPOUT

Item No. 4458.500.102
Elbow spout 45° S60 x 6

Item No. COMBOLIFE™ CL 285DD	4420.032.502
Outside dim. incl. lid (mm)	1155 x 1155 x 1132
Outside dim. excl. lid (mm)	1145 x 1145 x 1110
Folded height	467
Drop door	700 x 360
Inside dim. (mm)	1065 x 1045 x 940
Height stacked (mm)	2 high: 2247, 3 high: 3362, 4 high: 4477, 5 high: 5592
Height folded (mm)	2 high: 917, 3 high: 1367, 4 high: 1817, 5 high: 2267, 6 high: 2717
Projected foot area (m ²)	1,33
Container capacity (kg)	1400
Tare weight (kg)	88,5
Max load stack Dynamic	2977 kg (2 high)
Max load stack Static	7442 kg (5 high)
Volume	Internal: 1060 l, External: 1,51 m ³
Approximate return ratio	2,5
Functional temp	-20°C to +40°C
Transportation (folded)	13,40 m Trailer: 110 units, 2 x 7 m: 120 units, 12,5 m:100 units
Sea container (folded)	20 ft: 50 units, 40 ft: 100 units
Material	Polypropylene, Food contact approved, Fully recyclable



SCHOELLER ARCA SYSTEMS SERVICES B.V.
P.O. Box 176, 7770 AD Hardenberg, The Netherlands
Tel +31 523 28 89 00, Fax +31 523 28 85 66
info.hardenberg@schoellerarca.com
www.schoellerarcasystems.com

Schoeller Arca Systems

Creative solutions for better returns