



Collapsible IBCs

Reducing your carbon
footprint while growing
your bottom line





Who We Are

- ▶ Leaders in the art of transporting liquids
- ▶ Everything from Aseptic to Industrial
- ▶ Industries Served:
 - ▶ Beverage
 - ▶ Food
 - ▶ Pharma
 - ▶ Chemical



Founded June 2000

Headquarters located in Greenville, SC

A 10,000 square foot facility for warehousing and light manufacturing.

Design, Sales, Leasing of returnable, reusable stainless steel and collapsible packaging

If Renting, Trip Leasing and or Purchasing is best for your group, Black Forest is the *True Industry Leader*





*So much more than just Stainless...
Your Liquid Packaging Solution!*



www.blackforestmktg.com

Collapsible bin solutions for transporting liquids when you are equally concerned with the environment as well as cost!



Why a foldable bag in box IBC?

Benefits:

- Minimizes the use of packaging materials compared to single-trip non-foldable systems
 - ***Environmental, safety benefits***
- Reduces the packaging cost per trip compared to one-way solutions.
 - ***ROI analysis conducted on your product***
- Easier to clean for high added value products.
 - ***100% smooth, double wall design***
- Improves safety and labor.
 - ***The non-sequential sides, drop down door, single operator to open and collapse, install bag***
- The bag-in-box system is reusable and recyclable.
 - ***Sustainability focused***



Last but not least...

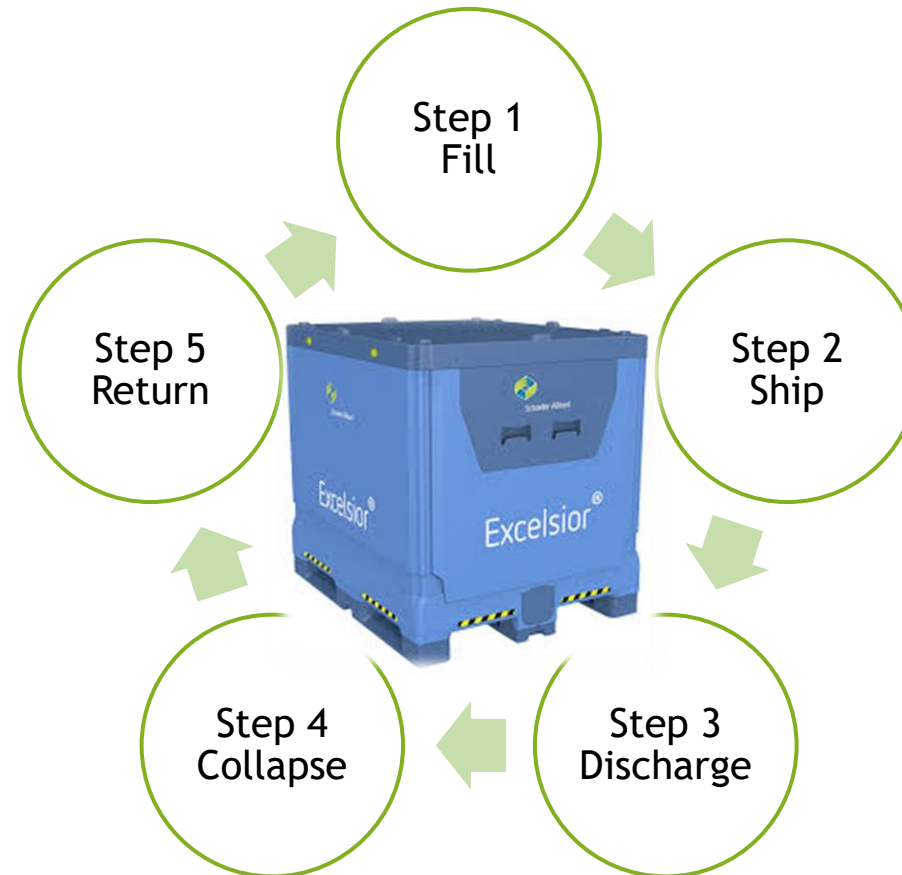
- Bag-in-box allows for one container to replace all others in different solutions!



Reusable & Returnable

Reducing your carbon footprint while growing your bottom line

- ▶ Reusable
- ▶ Environmentally friendly
- ▶ Cost savings



Why Bulk Bag-In-Box?



- ▶ Shipping savings
 - ➡ 75% breakdown ratio
 - 30% better than competition
- ▶ Labor/safety savings
 - ➡ No breakdown of corrugated
 - One person setup/breakdown
- ▶ Reusable
 - ➡ No landfill disposal fees
- ▶ Dimensions of a standard IBC
 - ▶ (48" x 40" x 45")

*Most Hygienic
and safe
foldable
IBC on the
market*



*Easily erected and
folded by one
operator*



CL65 Collapsible bin

Replaces 55-gallon drums
Bottom Fill Aseptic or Non-Aseptically





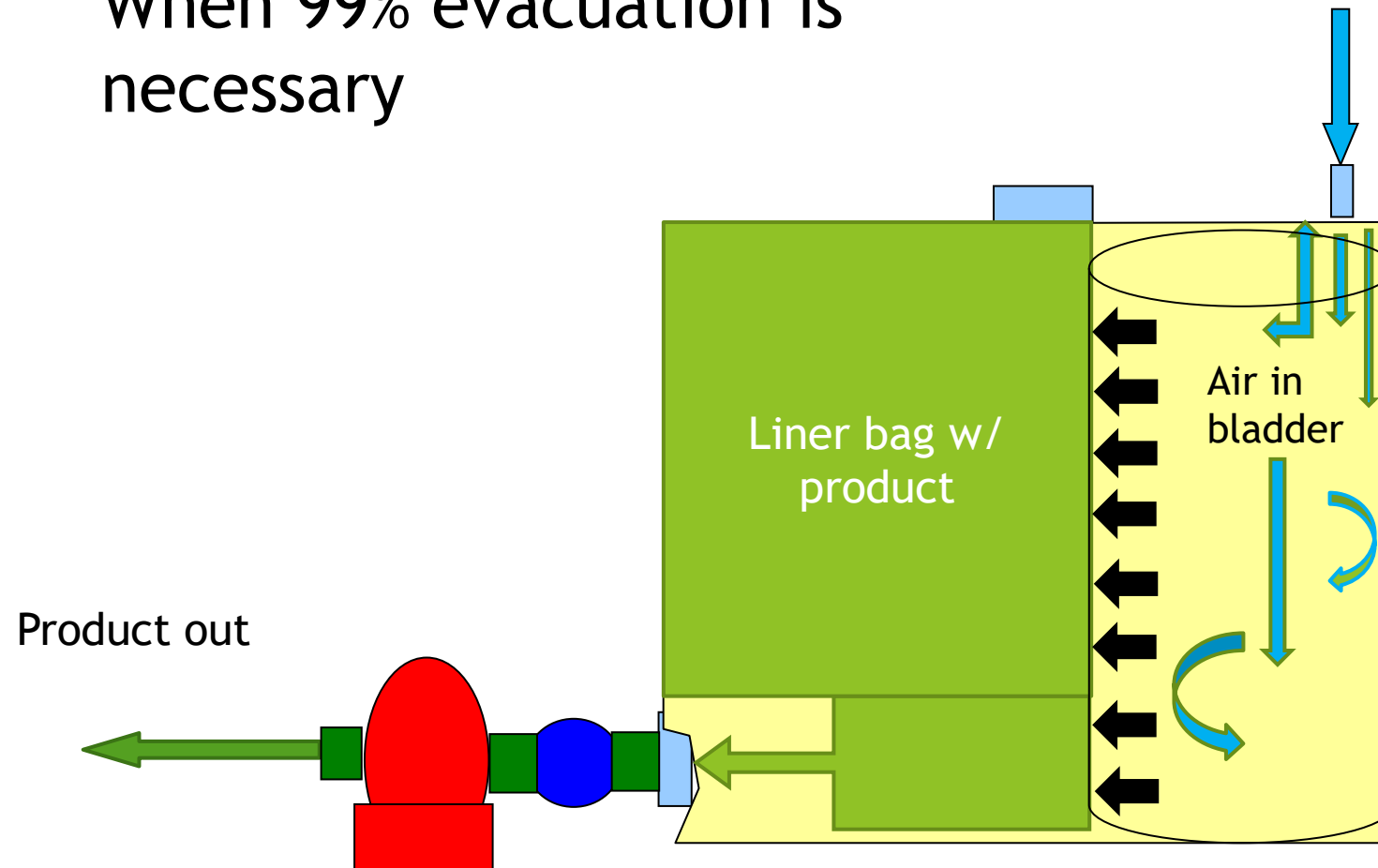
Bottom Fill

The Cassette(plug & play) bag unfolds as it fills
No handling required Single person operation



Air Assist

When 99% evacuation is necessary



Air Assist, what is it?

- Air Assist liners are specially designed for convenient dispense and improved evacuation of high viscosity products.
- The Air Assist liner features a liner with an attached air bladder.
- As the air bladder is inflated, it pushes against the liner, forcing the viscous product out of the bottom dispense fitment, resulting in less residual product left in the liner.
- Air Assist liner is hands-free; after attaching the air supply system, the operator can walk away during dispense.



Video Demonstration of air assist bag



Benefits:

- Improved evacuation of high viscous products
- Less residual product left in liner
- Hands free after air supply is attached

*(*Video not available on .pdf version)*





OLD Technology



Old vs. New!

- * When cleanliness matters
- * When labor matters
- * When the environment matters

Combo Excelsior®



Combo Excelsior Hybrid® is strong and durable; its double wall structure enables a **3,300lbs** unit load and a stack load of **14,300lbs (4 on 1)**.

Automated handling

Combo Excelsior Hybrid® is fully compatible with most automated handling systems thanks to the reinforced pallet base and 3 skids.

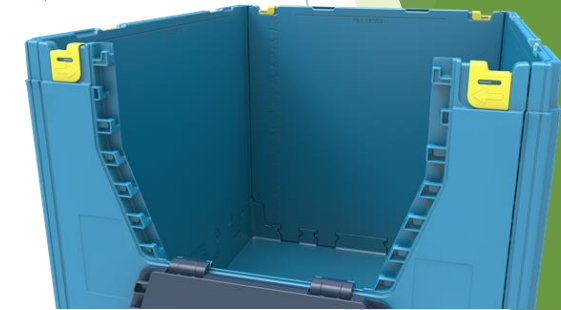
Easily erected and folded by one operator only: unique side walls locking while erecting enable one operator to handle the Combo Excelsior Hybrid®. Non sequential folding saves time and labor. Lids are more manageable removing and self-locking for better nesting when stacking.



Add a footer



Improved ergonomics and set up: easy to open and self-locking drop door on front combines easy operator access zone while maintaining the panel strength thanks to its V-shape.



Reusable dustcover without magnet on discharge zone ensures bottom discharge protection against dirt and can be sealed with "one way" tamper evidence straps.

Improved bottom discharge zone speeds up the liner and valve set up and removal: larger access and easy connection design for most valves on the market. Faster removal thanks to easy valve release system.

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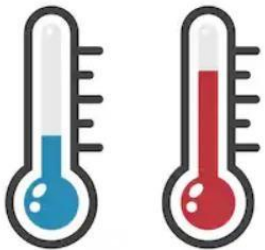
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Combo Excelsior® Technical Specifications



CE265HY - 5602.301 – 265 USG

Ext. (inch)	48 x 40 x 45.12
Weight (lbs)	224.4
Folded height (inch)	14.72
Incremental (inch)	13.93
Stacked height (inch)	44.36
Folding ratio	70%
Unit load (lbs)	3,300
Stack load (lbs)	14,300 (4/1)
Dynamic load (lbs)	7,055 (2/1)
Racking load (lbs)	3,300
Standard colour	Blue
Lid included	
Hybrid bottom discharge	



Temperature range
-4°F up to +113°F



Stacking test
15,800 lbs at 104°F for 1 month



CL65 with Bottom Discharge



Specifications:

Length: 805mm (31.69")

Width: 609mm (23.98")

Height: 833mm (32.80")

Usable volume: 250L (66 gallons)

Net weight: 20kg (44 lbs)

Folded Height: 403mm (15.86")

Product performances:

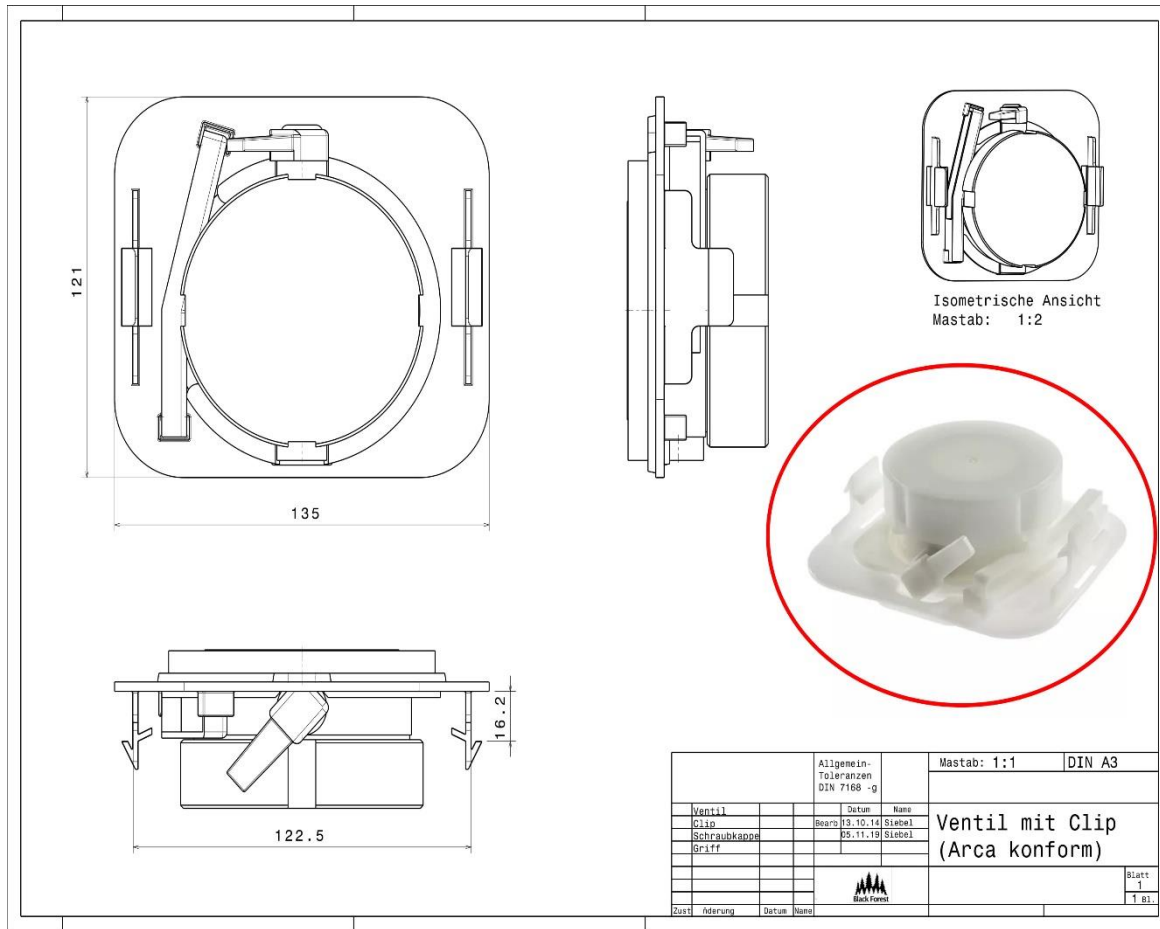
Unit Load 350kg (772lbs)

Maximum Static Load 1750kg (3858lbs)

Maximum Dynamic Load 700kg (1543lbs)



Steamable butterfly valve DN 50 with Dairy Thread Rd 78-6 DIN 11851



- ▶ Weight: ca 280g
- ▶ Dimensions: ca 95 x 100 x 55 mm
- ▶ Material (appropriate for foodstuff & FDA):
 - ▶ Body, handle and flap: POM (BASF)
 - ▶ Gasket: Silicone (Wacker)
 - ▶ Cap: PP (Solvnaft)
 - ▶ Flap shift: Brass CuZn 39Pb2
- ▶ Outlet: Dairy thread Rd 78-6 DIN 11850
- ▶ Sterilization
 - ▶ Steamable with 125°C hot steam
 - ▶ Irradiated with 20 kGy
 - ▶ Hot Steam sterilize the valve with 120°C for 20 minutes and with 130°C for 5 minutes
 - ▶ Valve can be opened/closed for minimum of 5 times even with sterilization
- ▶ Tightness pressure:
 - ▶ Not sterilized: 2.5 bar
 - ▶ Sterilized: 1.5 bar



Is Leasing for you?

- ▶ **No Large Capital Outlay**, conserving capital with low monthly payments.
- ▶ **No Idle assets**, simply return the tanks when your project is finished. Underutilized assets wasting space and costing money so you can maintain a healthy bottom line.
- ▶ **No Obsolete Equipment**- Renting keeps your equipment from becoming obsolete. Always be assured that renting provides the latest equipment and technologies available.
- ▶ **Tax Benefits**- The cost of renting can be entered as an operating expense that may provide more tax benefits than the depreciation expense over purchasing.
- ▶ **Budget Flexibility**- Rental rates are easily adjusted with a length of term for long term projects.
- ▶ **Environmentally Correct**- Renting means returnable. Save money by eliminating wasteful drum disposal and the associated disposal costs.



Quality Certification Matters!

EN ISO 9001:2015 CERTIFICATE

CERTIFICATE N°: C 865280 ISO9001-01.2019
This is to certify that the quality management system of

Aran USA Inc
1704 Poplar Drive Ext
29651 Greer South Carolina
USA

has been assessed and found to conform to the requirements of:

EN ISO 9001:2015

This certificate is valid for the following activity:

PRODUCTION OF FLEXIBLE PLASTIC BAGS FOR WINE AND LIQUID FOOD PRODUCTS

This certificate remains in force until further notice, provided that the above-mentioned client remains in compliance with the requirements as laid down in the contract with Control Union Certifications. Based on the annual audits performed, this certificate remains

valid from **[23-04-2019]** until **[22-04-2022]**.

Date of certification:
23.04.2019



Declared by:
On behalf of the Managing
Director

Place and date of issue:



Ishtay Tetro

Kiryat Bialik 01.05.2019



Certifier

Control Union Certification is the legal successor to Skat International.
Validity of this certificate may be confirmed at www.controlunion.com

Control Union Certifications B.V.
Meuwissenlaan 4-6, 8011BZ,
Zwolle, The Netherlands

ISO9001/CERT.2015/04.17-03-2019

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12/1/2020

Kosher Certification
We hereby certify that we have checked
all raw materials and manufacturing procedures
used to make products by

Aran U.S.A Inc.

We found no Kashrut problems.
The products from this factory are
without any doubt Kosher LeMehadrin
for Passover and the entire year.

Faithfully and Sincerely
ZOMET
Aron Shvut
Aron Shvut
Jerusalem 9043500
Tel: 02-90531442

This certification is valid for three years and will expire on 12/JAN/2023

Rabbi Menahem Perl
Dean, The Zomet Institute
Science and Torah



CERTIFICATE

Control Union Certifications B.V. (accredited Certification Body No. C 412)
certifies that, having conducted an audit

For the scope of activities:
Manufacturing categories:
Exclusions from scope:

Bag assembly of flexible plastic bags for liquid foods and
wine products.
05- Flexible plastics
None.

At **Aran USA Inc.**
SITE CODE: 2142447

1704 Poplar Drive Ext., 29651 Greer South Carolina
USA.
B

Has achieved Grade:

Meets the requirements set out in the

GLOBAL STANDARD for PACKAGING MATERIALS
ISSUE 6: AUGUST 2019

Audit programme:

Date(s) of audit:

Certificate issue date:

Re-audit due date:

Certificate expiry date:

Announced.

18-19/02/2020

30/03/2020

From 31/01/2021 to 28/02/2021

10/04/2021

Add signature here

Ishtay Tetro
Certifier

Authorised on behalf of Control Union Certifications B.V.
PRODUCTS
BVA C 412



Control Union Certifications B.V. P.O. Box 181, 8000 AO, Zwolle, The Netherlands

CUC CERTIFICATION CODE: P18M0200-2020

This certificate is valid for the products and services of Control Union Certifications B.V.
For the products and services of Control Union Certifications B.V.
For the products and services of Control Union Certifications B.V.



CERTIFICATE

CERTIFICATE N°: 865280HACCP-01.2019
This is to certify that the Food Safety Management System - HACCP of
Aran USA Inc
1704 Poplar Drive Ext
29651 Greer South Carolina
USA

As been assessed and complies the requirements of:
HACCP

Production of flexible plastic bags for wine and liquid products.
This certificate remains in force until further order, provided that the above mentioned licensee
remains in compliance with the requirements as laid down in the license agreement with
Secal (Israel) Inspection & Certifications. Based on the annual audits performed by Secal
Israel Inspection & Certifications, this certificate remains.

Valid from **[04/04/2019]** until **[03/04/2022]**
Place and date of issue:
Kiryat Bialik, 04.04.2019



Declared by:
Ishtay Tetro
Certifier

Secal Israel Inspection &
Certifications
P.O. Box 5206
Kiryat Bialik - Israel



The ISWA Halal Certification Department hereby certifies that the products
specified below manufactured and distributed by the below listed company are
under our supervision.
Aran, USA
1704 Poplar Drive Ext.
Greer, South Carolina 29651

They do not contain any haram (unlawful) items in all their ingredients.
Therefore; they are all considered suitable for the use of Muslims and have
complied with the Halal requirements according to Islamic Sharia laws. Please
forward any questions to <https://www.ashalacertification.com/contacts.html>.

Products:

1. Plastic Bags

This certificate is valid from September 6, 2019 through September 5, 2020.

Habib D. Ghanim Sr.
Director
ISWA Halal Certification Department



ISWA Halal Certification Department
12510 Prosperity Drive, Suite 200
Silver Spring, MD 20906, USA
Tel: +13013280592
Fax: +13013280712
Email: info@iswahalalcertification.com
Website: www.iswahalalcertification.com

This certificate is not valid without a raised seal, security stamp and barcode.

4/16/2021

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