

# 360°

## Schoeller Allibert Returnable Plastic Packaging Solutions

➤ Foldable Large Containers  
Magnum



Schoeller Allibert

Innovating your logistics for a better world



# Innovating your logistics for a better world

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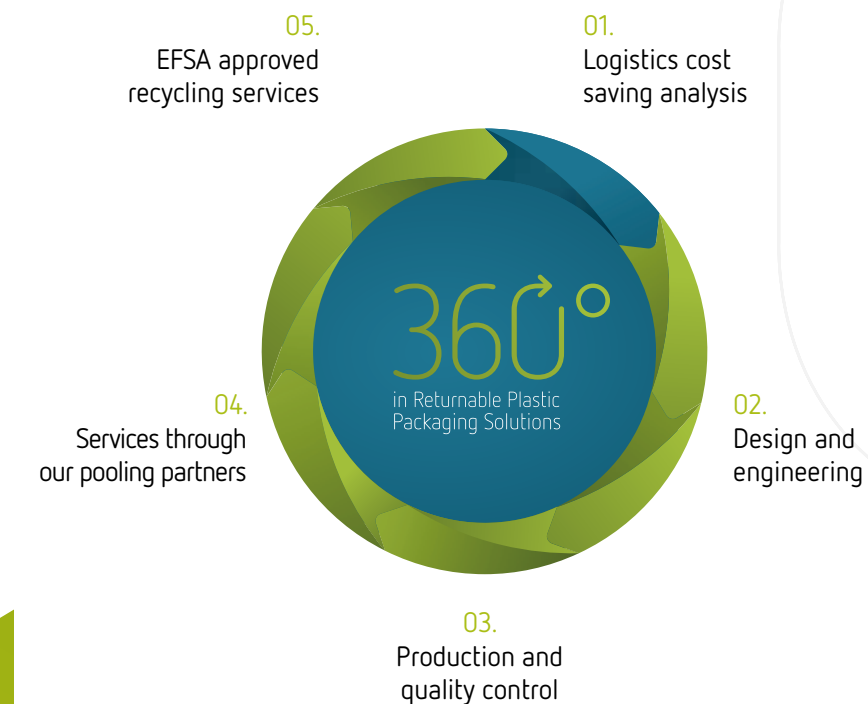


## Our 360° approach

Our logistics packaging solutions are tough and reusable, enabling our customers to save energy, reduce their environmental impact and increase profitability.











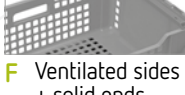

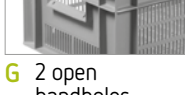

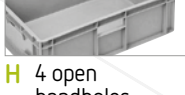






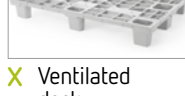

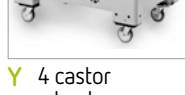

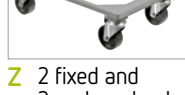
Our teams are dedicated to innovation, worldwide. Anticipating our 7 market leader needs, we design and offer future-proof solutions for industries as diverse as Automotive, Agriculture, Retail, Food processing, Industrial Manufacturing, Beverage and Pooling.

We are striving to help our customers to move towards the "circular economy" by inventing and manufacturing packaging with the minimum quantity of material for a maximised service life. We offer our EFSA approved recycling services to optimise resource use and reuse, avoiding waste and maximising the economic value of your initial investment in our packaging.



See our online brochure for more details  
[www.schoellerallibert.com](http://www.schoellerallibert.com)

## Versions

- |   |  |
|---|--|
| <br>A Solid base                     | <br>N Solid sliding door on sides   |
| <br>B Solid base with drainage holes | <br>O Ventilated door on sides      |
| <br>C Ventilated base                | <br>P Ventilated door on ends       |
| <br>D Solid walls                    | <br>Q 4 feet                        |
| <br>E Ventilated walls               | <br>R 6 feet                        |
| <br>F Ventilated sides + solid ends  | <br>S 9 feet                        |
| <br>G 2 open handholes              | <br>T 2 skids                      |
| <br>H 4 open handholes             | <br>U 3 skids                     |
| <br>I Reinforced ribbed base       | <br>V 6 skids                     |
| <br>J Reinforced smooth base       | <br>W Solid deck                  |
| <br>K Integrated label holder      | <br>X Ventilated deck             |
| <br>L Solid drop door on 1 side    | <br>Y 4 castor wheels             |
| <br>M Solid drop door on 1 end     | <br>Z 2 fixed and 2 castor wheels |



Magnum smooth walls 800 x 600



1. The new standard of bulk logistics: 800 x 600 standard footprint and 760 mm high, ideal for mid size loads of food and non food products from manufacturing sites to retail stores.
2. Easy to handle: drop doors allow easy access to content during loading and unloading the FLC.
3. Saving time and labour: 4 way entry and compatible with most conveying systems, non sequential folding and easy to use locking devices make the Magnum quickly handled by one operator only.
4. Hygienic and easy to clean the FLC is well ventilated to preserve food product quality and freshness.
5. Optimized logistics: Thanks to its 292 mm folded height columns of 8 FLCs fit in a standard truck, reducing reverse logistics costs and fuel consumption.

→ More details see product **page 04**

Maxipac®



1. Versatile: The Maxipac® shipper is a compact FLC ideal for storage, distribution and point of sale display.
2. Time and space saving: easy and quick to assemble and fold, Maxipac® has drop doors enabling access to content even when stacked for fast picking.
3. Reduced logistics costs: wheeled or pallet based to meet all logistics requirements. Maxipac® folds down to 320 mm to save valuable space on return transport and storage when empty.
4. Strong and tough: both versions can stack 2 high when carrying a unit load of 250 kg.
5. Easy maintenance and recycling: blow molded walls and injected base can be easily replaced extending Maxipac® lifespan. All parts are fully recyclable at the end of their working life.

→ More details see product **page 04**

## Foldable Large Containers | Magnum

From lightweight to heavy duty, available in 3 standard footprints, our foldable large containers have been specially developed for long distances and a large number of return trips, maximizing cost saving and lowering carbon footprint.

Magnum Helium®



1. Lightweight: Magnum Helium® is designed for medium to low density products logistics. Unit load increases goes from 200 up to 300 kg depending on the model.
2. Versatile: one Standard footprint 1200 x 800 in 4 heights from 750 to 1150 mm to adapt to many shipping volumes standards. Lightweight to optimize truck and sea container payload.
3. Ideal for non-food retail supply chain: sports goods, textiles, garments, Magnum Helium® smooth inside surfaces protect content from damage on long distance shipping, the snap shut lid prevents pollution.
4. Easy order preparation and in store handling: a large drop door on side allows fast loading. Magnum Helium® also speeds shelf replenishment.

→ More details see product **page 05**

Magnum Optimum®



1. Now available in 595 mm high, Magnum Optimum® is the strongest plastic FLC: unrivaled 750 kg unit load certified according to DIN EN 13626 and 3200 stacking load optimizing transport and storage.
2. The most efficient reverse logistics solution: with the lowest folded height, Magnum Optimum® stacks up to 8 in a standard truck and up to 10 high in a mega truck, offering a 30% space saving over all competing FLCs.
3. Maximized internal volume: MO offers 10% more volume than most FLC's thanks to its welded double wall design.
4. Smooth and easy to clean: smooth surfaces allow easy cleaning and fast drying. The optional lid increases protection and prevents contamination.
5. Ergonomic and versatile: non sequential folding, and easy to use locking devices allow a single operator to erect and fold Magnum Optimum® saving on labor and handling time.

→ More details see product **page 07**



800 x 600 Magnum Smooth Wall top benefits

- 1. Heavy duty 800 x 600 box pallet
- 2. Drop door available on 2 sides
- 3. Smooth walls; hygienic and easy to clean
- 4. Pallet base with 2 skids



800 x 600

Magnum Smooth Wall



2620.410 - 255 L	
Ext. (mm)	800 x 600 x 760
Int. (mm)	750 x 550 x 605
Weight (Kg)	17.1
Folded height (mm)	292
Stacked height (mm)	745
Unit load (Kg)	250
Stack load (Kg)	550
Dynamic load (Kg)	550
Version	C / E / O / P / T



2630.610 - 274 L	
Ext. (mm)	800 x 600 x 835
Int. (mm)	740 x 540 x 685
Weight (Kg)	22.1
Folded height (mm)	373
Stacked height (mm)	815
Unit load (Kg)	700
Stack load (Kg)	2100
Dynamic load (Kg)	700
Version	B / D / L(2) / T



2640.610 - 212 L	
Ext. (mm)	800 x 600 x 680
Int. (mm)	740 x 540 x 530
Weight (Kg)	18.0
Folded height (mm)	373
Stacked height (mm)	660
Unit load (Kg)	700
Stack load (Kg)	2100
Dynamic load (Kg)	700
Version	B / D / L(2) / T



2636.820 - Lid	
Ext. (mm)	809 x 609 x 91
Weight (Kg)	1.8
Version	W



2626.800 - Lid	
Ext. (mm)	815 x 615 x 57
Weight (Kg)	2.8
Version	W



800 x 600

Maxipac®



9507.092 - 357 L - Maxipac®	
Ext. (mm)	800 x 600 x 1000
Int. (mm)	756 x 556 x 843
Weight (Kg)	22.0
Folded height (mm)	333
Stacked height (mm)	987
Unit load (Kg)	250
Stack load (Kg)	750
Dynamic load (Kg)	500
Version	B / E / O / P / T



9142.092 - 357 L - Maxipac®	
Ext. (mm)	800 x 600 x 1080
Int. (mm)	756 x 556 x 843
Weight (Kg)	25.5
Folded height (mm)	420
Stacked height (mm)	1040
Unit load (Kg)	250
Stack load (Kg)	750
Dynamic load (Kg)	500
Version	B / E / O / P / Y



Magnum Helium® top benefits

- 1. Light weight 1200x800 FLC for light & big products
- 2. Wide drop door on each long side
- 3. 2 skids base available in option
- 4. Lid included



1200 x 800

Magnum Helium®



2570.400 - 528 L - Magnum Helium®	
Ext. (mm)	1200 x 800 x 830
Int. (mm)	1130 x 725 x 645
Weight (Kg)	27.0
Folded height (mm)	295
Stacked height (mm)	814
Unit load (Kg)	200
Stack load (Kg)	450
Dynamic load (Kg)	450
Version	B / D / L / S



Lid included.



2580.400 - 649 L - Magnum Helium®	
Ext. (mm)	1200 x 800 x 975
Int. (mm)	1130 x 725 x 792
Weight (Kg)	32.5
Folded height (mm)	396
Stacked height (mm)	960
Unit load (Kg)	300
Stack load (Kg)	700
Dynamic load (Kg)	700
Version	B / D / L / S



Lid included



2590.400 - 792 L - Magnum Helium®	
Ext. (mm)	1200 x 800 x 1150
Int. (mm)	1130 x 725 x 967
Weight (Kg)	36.5
Folded height (mm)	396
Stacked height (mm)	1135
Unit load (Kg)	300
Stack load (Kg)	700
Dynamic load (Kg)	700
Version	B / D / L / S



Lid included

1200 x 800

Boxerpac



9437.098 - 600 L - Boxerpac®	
Ext. (mm)	1200 x 800 x 910
Int. (mm)	1140 x 740 x 710
Weight (Kg)	28.0
Folded height (mm)	262
Stacked height (mm)	900
Unit load (Kg)	500
Stack load (Kg)	1500
Dynamic load (Kg)	500
Version	B / D / S



Lid included



9438.08H - 600 L - Boxerpac®	
Ext. (mm)	1200 x 800 x 930
Int. (mm)	1140 x 740 x 710
Weight (Kg)	34.5
Folded height (mm)	282
Stacked height (mm)	900
Unit load (Kg)	500
Stack load (Kg)	1500
Dynamic load (Kg)	500
Version	B / D / L / U



Lid included

## 1200 x 800

### Magnum Classic



2330.456 - 620 L - Magnum Classic	
Ext. (mm)	1200 x 800 x 950
Int. (mm)	1120 x 720 x 765
Weight (Kg)	53.8
Folded height (mm)	376
Stacked height (mm)	920
Unit load (Kg)	500
Stack load (Kg)	2200
Dynamic load (Kg)	1100
Version	B / D / K / L / M / T



2336.820 - Lid for Magnum 2330.456	
Ext. (mm)	1215 x 813 x 79
Weight (Kg)	6.6
Version	W

## 1200 x 1000

### Boxerpac



9894.099 - 984 L - Boxerpac	
Ext. (mm)	1200 x 1000 x 1100
Int. (mm)	1150 x 945 x 905
Weight (Kg)	36.0
Folded height (mm)	262
Stacked height (mm)	1080
Unit load (Kg)	500
Stack load (Kg)	1500
Dynamic load (Kg)	500
Version	B / D / L(2) / S

Lid included

## Magnum Optimum® the best reusable FLC for Automotive logistics

The new Magnum Optimum® is stronger, lighter, more hygienic and offers greater shipping volume.

### 1. The most efficient reverse logistics solution

With the lowest folded height on the market, Magnum Optimum stacks 8 high when folded inside a standard truck offering a 30% space saving over any competing FLC.

### 2. Optimised storage, handling and distribution

Magnum Optimum offers outstanding mechanical performance. 750 kg unit load for standard models and up to 1 tonne for reinforced base versions. Stacking load 3200 kg or 4/1.

### 3. Hygiene and operator friendliness

Smooth internal and external wall surfaces avoid water retention and protect products and operators from damage or injury. Non sequential folding and smooth easy to use locking devices make Magnum Optimum efficient and easy to handle on the shop floor.

### 4. Versatile modular system

Unique Optiframe spacer makes Magnum Optimum the most versatile modular container. Increasing height from 750 up to more than 1200 mm, according to the type and volume of contents.



## 1200 x 1000 Magnum Optimum® top benefits

1. Excellent return ratio when folded
2. Hygienic design with smooth sidewalls
3. Double wall construction offering wide internal volume and reduced weight
4. Available with drop door or sliding doors variants



## 1200 x 1000

### Magnum Optimum®



2510.151 - 439 L - Magnum Optimum®	
Ext. (mm)	1200 x 1000 x 595
Int. (mm)	1140 x 940 x 410
Weight (Kg)	36.0
Folded height (mm)	295
Stacked height (mm)	565
Unit load (Kg)	750
Stack load (Kg)	3200
Dynamic load (Kg)	1600
Version	B / D / K / T



2540.652 - 605 L - Magnum Optimum®	
Ext. (mm)	1200 x 1000 x 750
Int. (mm)	1140 x 940 x 565
Weight (Kg)	42.0
Folded height (mm)	295
Stacked height (mm)	720
Unit load (Kg)	750
Stack load (Kg)	3200
Dynamic load (Kg)	1600
Version	B / D / K / N / T



2530.652 - 734 L - Magnum Optimum®	
Ext. (mm)	1200 x 1000 x 870
Int. (mm)	1140 x 940 x 685
Weight (Kg)	45.0
Folded height (mm)	295
Stacked height (mm)	840
Unit load (Kg)	750
Stack load (Kg)	3200
Dynamic load (Kg)	1600
Version	B / D / K / N / T



2549.461 - 847 L - Magnum Optimum®	
Ext. (mm)	1200 x 1000 x 975
Int. (mm)	1140 x 940 x 790
Weight (Kg)	51.0
Folded height (mm)	295
Stacked height (mm)	945
Unit load (Kg)	750
Stack load (Kg)	3200
Dynamic load (Kg)	1600
Version	B / D / K / L / M / T



2550.461 - 873 L - Magnum Optimum®	
Ext. (mm)	1200 x 1000 x 1000
Int. (mm)	1140 x 940 x 815
Weight (Kg)	52.0
Folded height (mm)	295
Stacked height (mm)	970
Unit load (Kg)	750
Stack load (Kg)	3200
Dynamic load (Kg)	1600
Version	B / D / K / L / M / T



2550.151 - 873 L - Magnum Optimum®	
Ext. (mm)	1200 x 1000 x 1000
Int. (mm)	1140 x 940 x 815
Weight (Kg)	52.0
Folded height (mm)	295
Stacked height (mm)	970
Unit load (Kg)	750
Stack load (Kg)	3200
Dynamic load (Kg)	1600
Version	B / D / K / T



2538.000 - Optiframe® (set of 2)	
Ext. (mm)	1200 x 1000 x 105
Weight (Kg)	2.5
Version	D

Packaging: 70 sets of Optiframe® on pallet 1200 x 1000. To equip one Magnum Optimum® with an Optiframe®, you need to order 2 x 2538.000.



9975.09D - Dust cover	
Ext. (mm)	1190 x 977 x 40
Weight (Kg)	3.4
Version	W



9347.000 - Lid	
Ext. (mm)	1220 x 1020 x 50
Weight (Kg)	5.2
Version	W

Lid for Magnum Optimum® range.



# Leading in innovation

Schoeller Allibert creates innovative plastic packaging systems for a better world.

## Continuous innovation

Continuous innovation is at the heart of our business. We see it as our task to ensure our clients are prepared for future challenges. In today's competitive markets, advantages resulting from smart design will rapidly translate into improved performance and considerable benefits.

## Smart design makes the difference

Foldable containers that are stronger but weigh less will result in less fuel consumption during transport. Containers with 10% more transport volume and 30% less return volume when folded can make the difference in highly competitive markets like the automotive industry or agriculture.

## Major innovations in returnable packaging

Many of the major innovations in plastic packaging systems were developed by Schoeller Allibert. We invented products like foldable large containers, such as the Magnum Optimum®, and bottle crates with in-mould labels. In addition, we invented and optimized production techniques like injection moulding and mirror welding, each time resulting in lighter, stronger and cleaner crates and containers. We take care of all the necessary steps, creating a sustainable packaging cycle.



Our innovation, development and quality departments are supported by our Technology Center (Hardenberg NL)



# Instructions for use

To ensure that you get the best use of your Schoeller Allibert products, we recommend that you read the following use and care advice.

## Loading

Safe unit and stacked load values depend on the model of container, type of load, temperature and duration. All Schoeller Allibert products have been designed to provide many years of continuous use in a wide range of demanding industrial applications. The FEA (finite element analysis) software developed by our designers means that we can manufacture products that are both lighter and stronger than ever before. In the event of any doubt concerning the strength or suitability for your application please consult Schoeller Allibert.

## Temperature

Schoeller Allibert products are designed for use in a wide range of temperatures. Polypropylene (PP) trays and containers are ideal for use between -10°C to +50°C (depending on loading and use). High density polyethylene (HDPE) trays and containers are ideal for use between -20°C to +30°C with models serviceable from as low as -40°C up to +40°C (depending on loading and use). If the containers or pallets are expected to perform under load at temperatures close to these parameters, then we recommend that you contact Schoeller Allibert to discuss your application.

## Washing

Polypropylene trays and containers can be put through tray washers in temperatures over +100°C for short periods 2 min on average. High density polyethylene (HDPE) trays, containers, pallets and bulk boxes can be cleaned at temperatures up to +80°C. Schoeller Allibert products are compatible with most washing and soda based detergents currently in use. Chemical resistance: Schoeller Allibert products are resistant to most chemical agents found in industry. In the event of any doubt, please consult Schoeller Allibert.

# Do you want to know more ?

Please visit our website [www.schoellerallibert.com](http://www.schoellerallibert.com)



[www.schoellerallibert.com](http://www.schoellerallibert.com)



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