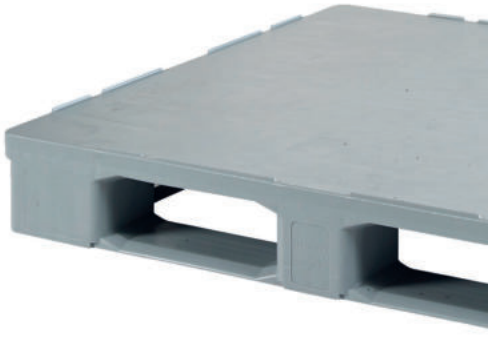
PRODUCT CATALOG

REUSABLE PACKAGING SOLUTIONS FOR FAST MOVING CONSUMER GOODS



FOOD, BEVERAGE & CONSUMER GOODS

DIRECT STORE DELIVERY & RETAIL DISPLAY

EURO AND INDUSTRIAL STANDARD DIMENSIONS

ORBIS®

Powered by Menasha Corporation

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MARKET OVERVIEW

Retail

Focusing on reusable plastic packaging with today's leading FMCG suppliers and manufacturers through to the retailers, ORBIS offers a wide variety of reusable containers and pallets to move products throughout the retail supply chain. ORBIS products improve customers' automated systems, optimize picking systems, enhance point-of-purchase displays and reduces system downtime by moving products from the distribution center to the retailer faster, safer and more cost-effectively.

FMCG

ORBIS reusable plastic pallets and containers are ideal for FMCG transport and storage applications because of their non-porous surfaces, clean-ability and contoured design for easy handling over wooden alternatives. ORBIS plastic products reduce the risk of nails, wood splinters, dust and other debris from damaging FMCG products in the supply chain.

Food & Beverage

ORBIS leads the way in reusable plastic packaging for the beverage industry focusing on improved food safety, reduced risk of product damage, improved facility cleanliness and enhanced supply chain performance. Reusable packaging drives value at every point of the supply chain, including beverage container manufacturing, work-in-process, finished goods storage, distribution, direct-store deliveries and merchandising.

MARKET OVERVIEW

Packaging Management & Pooling

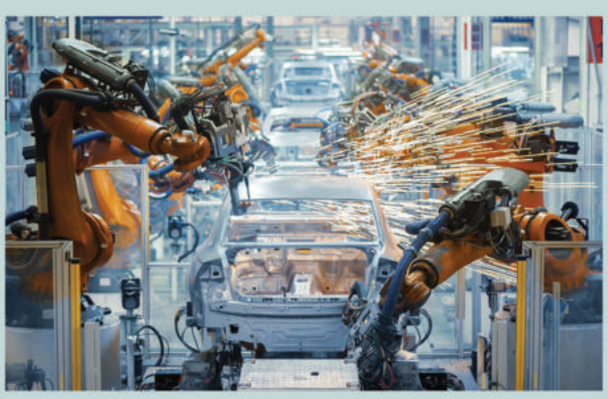
ORBIS' pooling and container management services cut the time and effort needed to track, retrieve, clean and inventory packaging assets in a wide variety of industries including automotive, industrial, food, beverage and retail. Combined with the expertise of packaging design and manufacturing, ORBIS has the industry leading knowledge to maximize regional as well as global supply chains and reduce the total cost of supply chain management.

Industrial Manufacturing

ORBIS offers a wide range of standardized and customized reusable packaging systems designed to optimize the supply chain and withstand the rigorous, heavy load requirements of the industrial manufacturing market. From heavy-duty FLCs and durable pallets to hand-held KLTs and custom protective dunnage, ORBIS has the packaging solution to maximize product flow efficiency in the industrial manufacturing environment.

Automotive

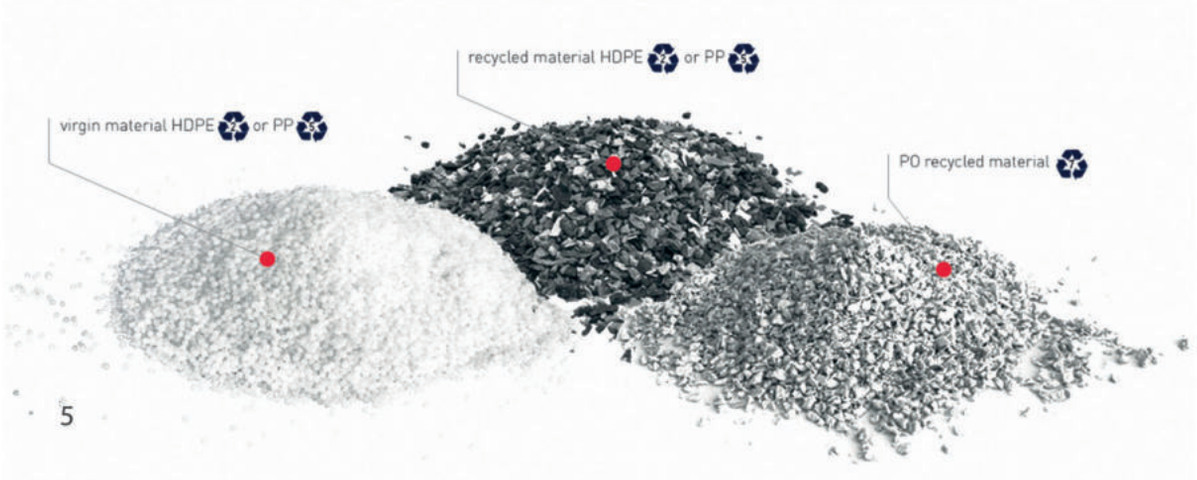
ORBIS' plastic reusable packaging improves the flow of products all along the automotive supply chain for significant cost reduction. For decades, ORBIS has led the conversion of plastic reusable packaging in the automotive industry and today continues to manage vehicle launches with leading automotive manufacturers and suppliers. ORBIS experts facilitate a well-planned, collaborative approach to implementing reusable packaging to maximize the automotive supply chain.



Recycling

ORBIS offers a comprehensive recycling program for the efficient recovery of your obsolete and surplus packaging. By design, plastic reusable packaging can be fully recycled and used in other useful products at the end of its service life.

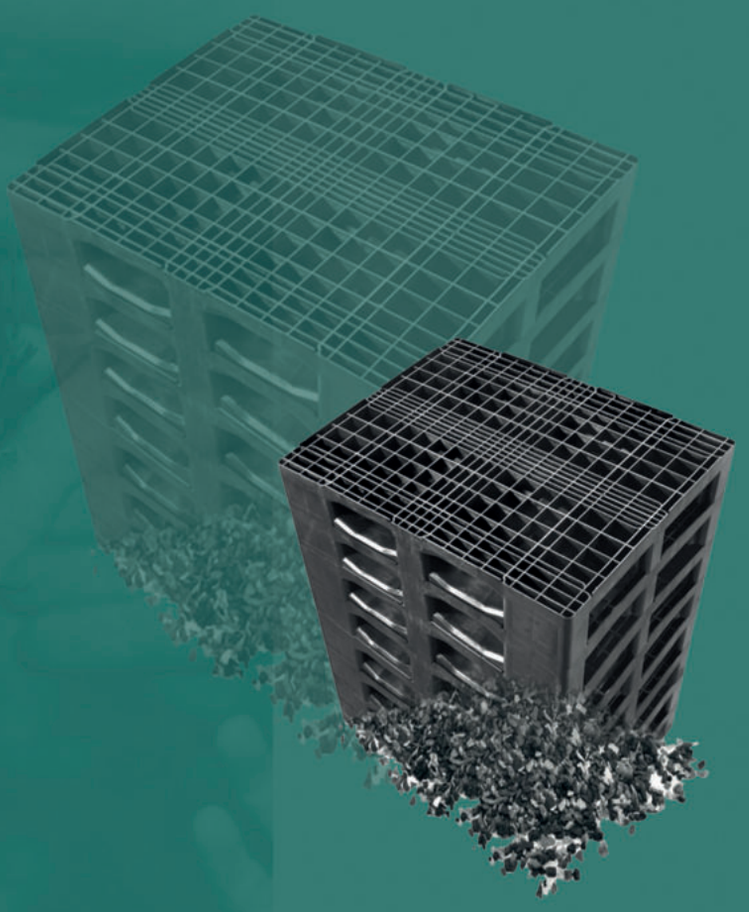
ORBIS' environmentally sound program allows your plastic reusable packaging products to be recovered, recycled and reprocessed into new products. When compared to one-way or disposable packaging, the reusability and recyclability of ORBIS containers and pallets enables significant source reduction.



From Low Cost to High Value

The great advantage of plastic is its versatility and its recyclability. ORBIS offers multiple pallet versions for every racking application and a majority of plastic pallets are 100% recyclable at the end of their service life and can be returned to ORBIS for recycling.

The recycled plastics make the pallets cost-effective for one-way shipping yet so stable that they can be used repeatedly. By contrast, we make pallets that have to meet the highest physical and hygienic standards. Our smooth hygienic pallets, for example, are non-porous and available in FDA-compliant materials.



FROM WOOD TO PLASTIC

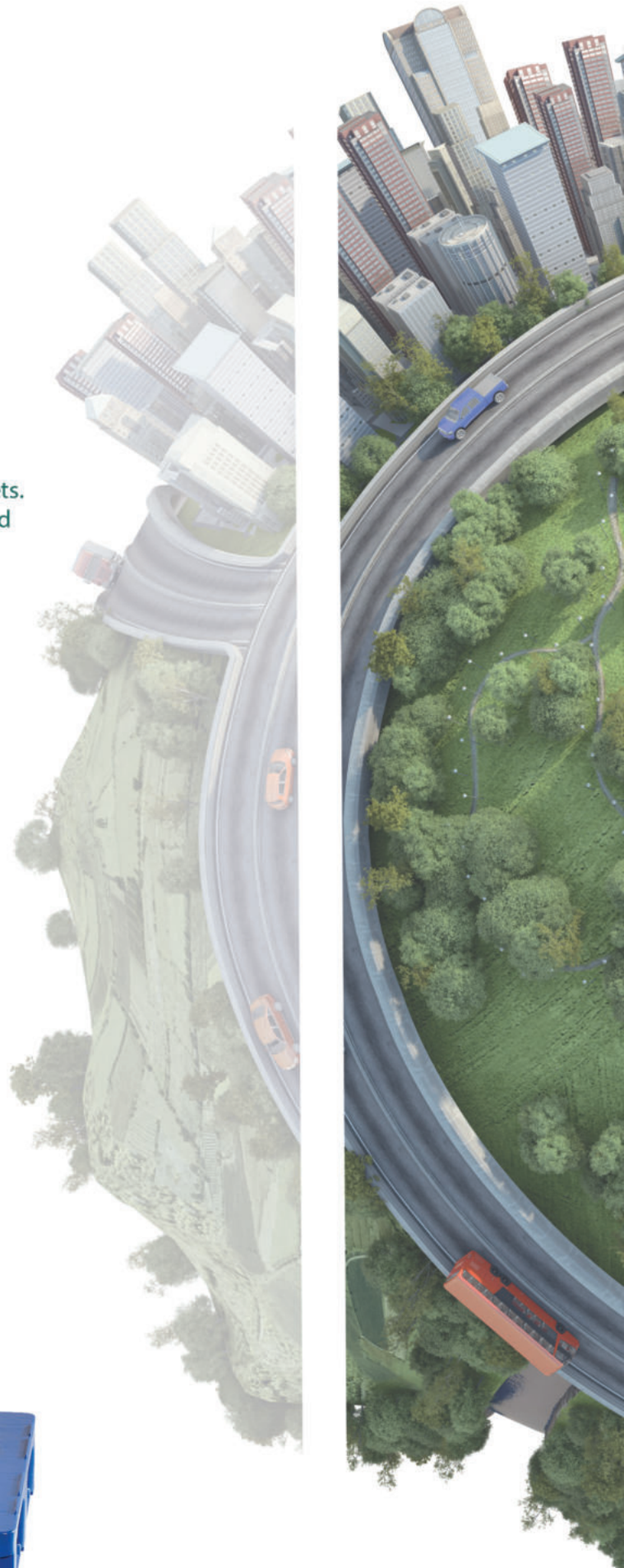
In the last few decades, progressive industries and world-class companies have converted from wood pallets to plastic pallets. They quickly recognized the economic, ergonomic and environmental benefits that plastic pallets offer. Plastic pallets make a tremendous number of trips before being recycled, so they represent great savings over wood pallets on a cost-per-trip basis. Moreover, plastic pallets provide a safe and comfortable handling solution, which improves workplace safety. By eliminating wood pallets, plastic pallets reduce packaging waste. They offer a long life and can be recycled into other useful products at the end of their service life.

LONG LIFE AND HIGH QUALITY

Plastic pallets...

... impress with their form stability and longevity
... are rackable and optimize storage
... reduce product damage that can occur from wood pallets
... ease the movement of product loads
... are available in a wide variety of materials
... can be designed to store products in a wide range of unsupported racking systems to optimize valuable floor space

FROM WOOD TO PLASTIC FOR THE ENVIRONMENT



Plastic pallets reduce packaging waste.

ORBIS uses its proprietary Environmental Analysis tool to compare and evaluate reusable pallets and single-use pallets. Using life-cycle analysis, ORBIS works with you to calculate and compare the environmental impacts in terms of greenhouse gas emissions, solid waste and energy consumption.

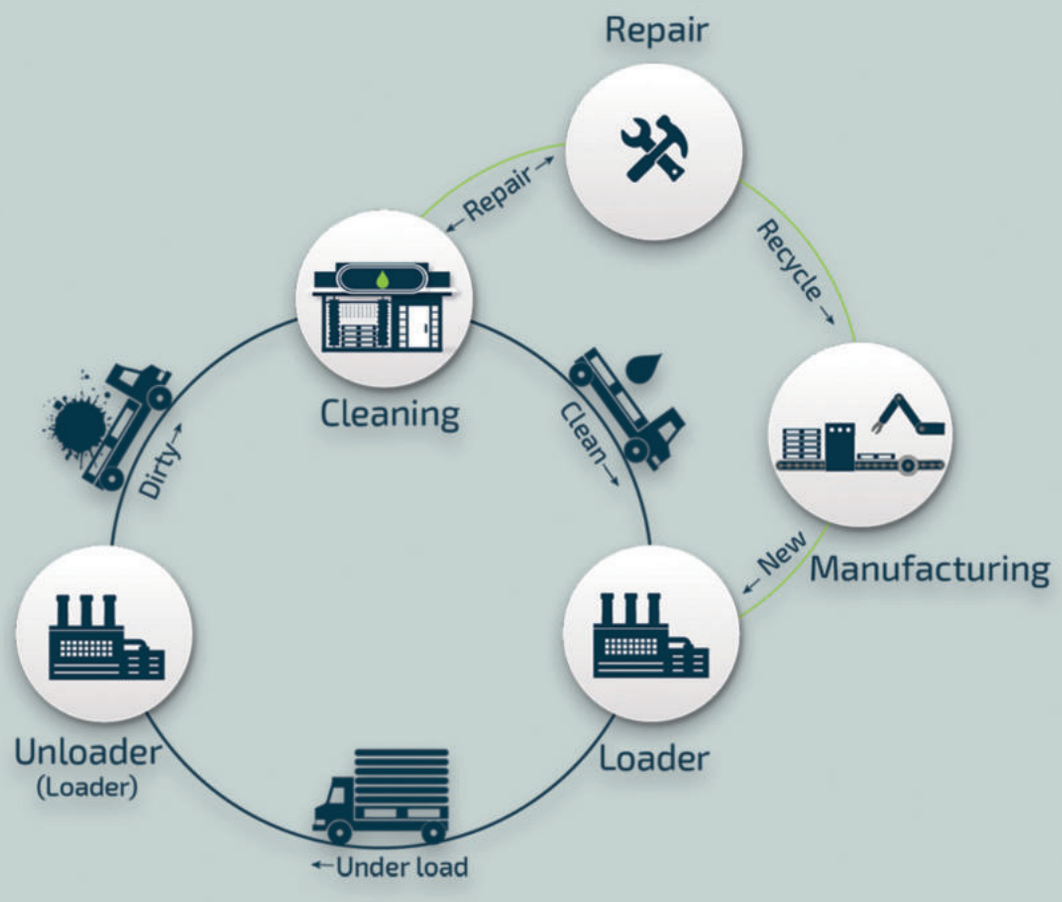
PACKAGING MANAGEMENT & POOLING

In our fast-paced world, companies need to work as time- and cost-effective as possible. To achieve this goal, it is indispensable to track and trace the whole logistics process.

To support your business objectives, ORBIS offers a range of Packaging Management and Pooling services. ORBIS analyzes your business needs and creates a services solution that best meets your needs, from simple packaging management to more complex pooling.

EFFECTIVE PACKAGING MANAGEMENT IS NECESSARY FOR GREEN LOGISTICS

ORBIS packaging management services cut the time and effort needed to track, retrieve, clean and inventory packaging assets in a wide variety of industries including automotive, industrial, food, beverage and retail. Combined with the expertise of packaging design and manufacturing, ORBIS has the industry leading knowledge to maximize regional as well as global supply chains and reduce the total cost of supply chain management.



SUSTAINABILITY WITH MANAGED REUSABLE PACKAGING IN FMCG INDUSTRIES

Pooling of packaging assets ensures that companies always have "ready to use" packaging available. Damaged or dirty assets are repaired and cleaned, missing or broken components are replaced with identical items from the pool so all participants can continue to work together on a pay-per-use basis. Pooling is sharing resources and saving CO2, with a pooling company that orchestrates and solves the availability challenges.

Through a valued partnership, our pooling services consist of the following:

- Delivery of the agreed quantity at the agreed locations
- Rent of the quality asset for the time you use it
- Collection of the agreed quantity at the agreed locations
- Cleaning and inspection of the asset after every collection
- Replacement/repair of broken parts or assets
- Tracking and tracing the assets pro-actively
- Regular audits to make sure losses can be prevented

Please contact ORBIS to discuss your application requirements.

Benefits of Pooling:

Minimizes the risk of contamination due to hygiene controls

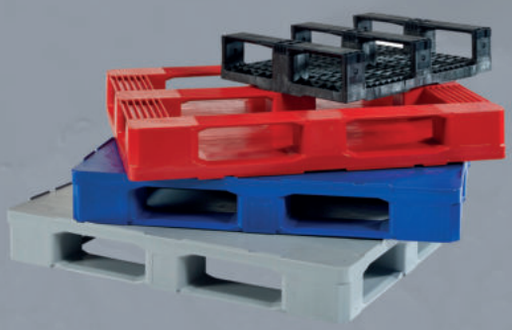
Reduces your footprint and CO2 exhaust

Satisfies the needs of your customer

Simplifies the management of load carriers with our tracking tools

Reduces supply chain costs

PRODUCTS



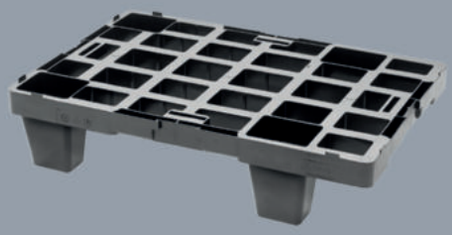
PALLETS

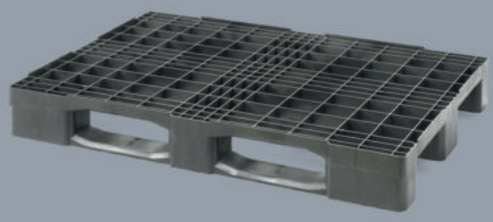
TOP FRAMES

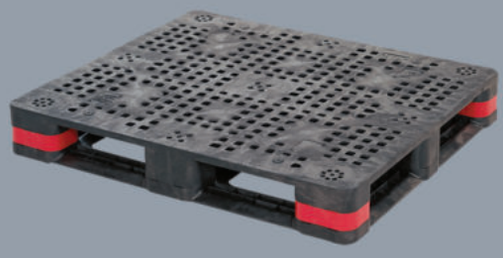
LAYER PADS

PALLETS

Durable, impact-resistant and extremely robust – ORBIS' high-quality plastic pallets are made of virgin or recycled material which makes them suitable for high circulation rates. With several manufacturing processes available, ORBIS pallets are specifically designed and manufactured to suit a wide range of applications throughout the FMCG supply chain. ORBIS plastic pallets are designed for a long service life and offer an environmental alternative to wood pallets. Therefore, they are ideal in beverage and food applications.





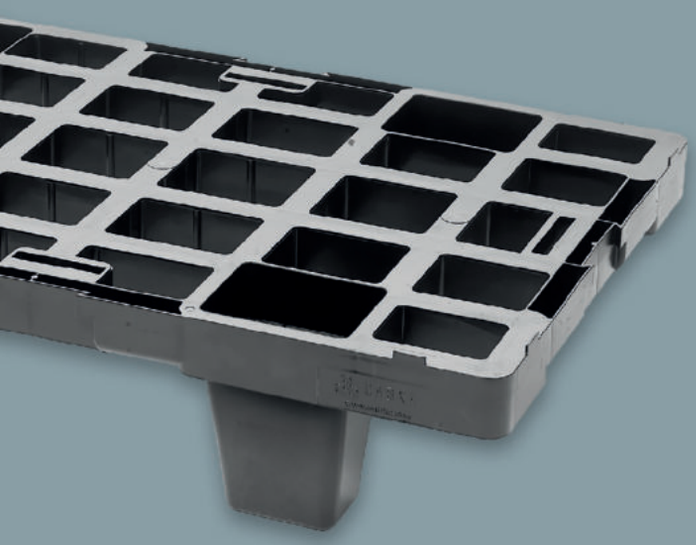


1/8 PALLET

Sizes:	400 x 300
Weight:	0,75 kg
Load Capacity,dyn.	30 kg

- Ideal for in-aisle or end-of-aisle displays
- Designed for maneuverability and ease of access
- Attractive design for small format stores

1/4 PALLET



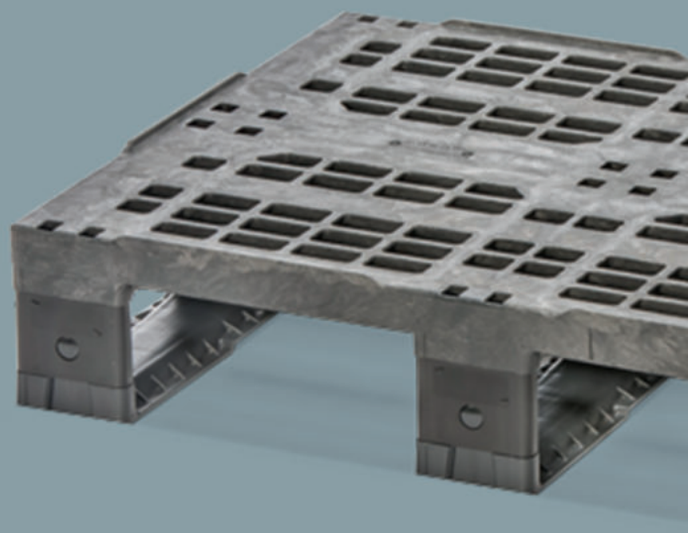
Sizes:	600 x 400
Weight:	1,1 kg
Load Capacity,dyn.	250 kg

- Ideal size for Point of Purchase retail displays
- Robust design for multi-trip use
- Nestable for maximum freight efficiencies

1/2 PALLET

Sizes (mm):	800 x 600
Weight:	8 kg
Load Capacity,dyn.	1000 kg

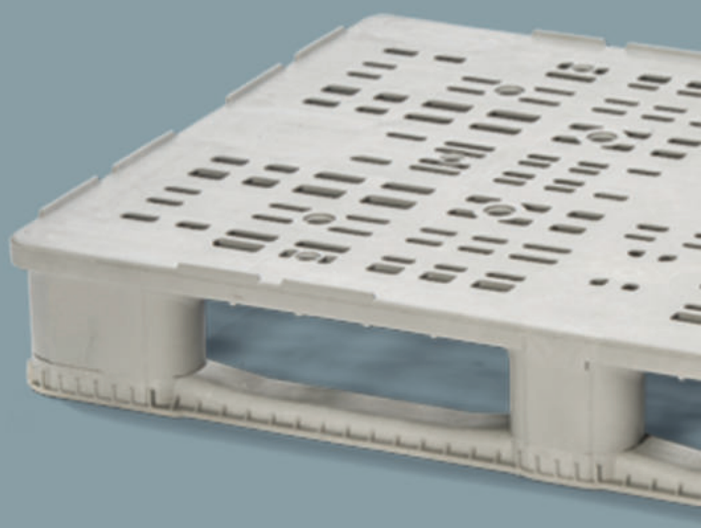
- Ideal small-format size for retail ready displays
- Footprint maximizes labor efficiency and reduces risk of product stock outs
- Robust pallet design protects products and displays from damage

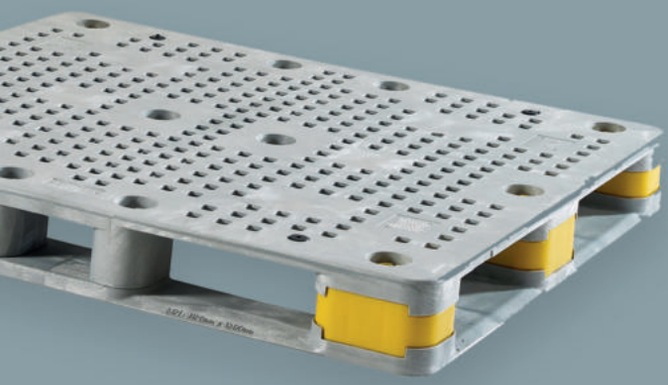


EURO PALLET

Sizes:	1200 x 800
Weight:	18 kg
Load Capacity,dyn.	2000 kg

- One-piece, durable structure
- Popular footprint

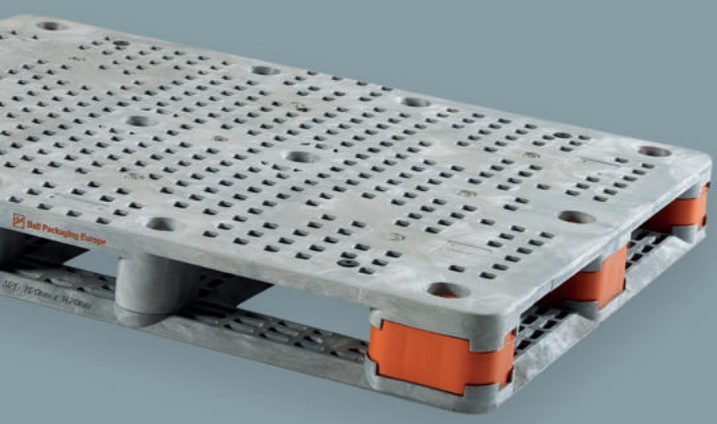




UK PALLET

Sizes (mm):	1120 x 1300
Weight:	23 kg
Load Capacity,dyn.	1500 kg

- Available in FDA-compliant material
- Designed to convey beverage products, aluminium and steel cans, glass and plastic bottles and other rigid packages on many palletizer and conveyor systems
- Recessed area for bar coding
- Available as multi-trip pallet
- Rackable
- Tapered 4-way entry



SPANISH PALLET

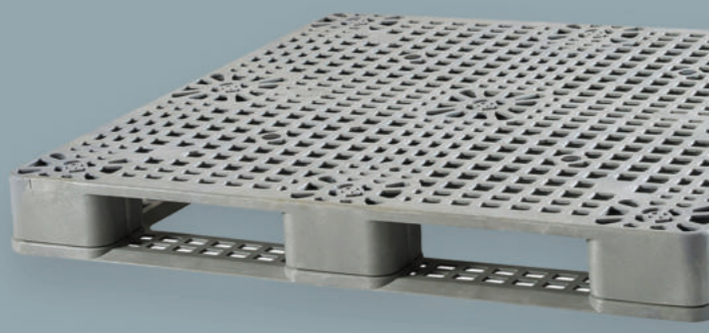
Sizes (mm):	1120 x 1420
Weight:	27 kg
Load Capacity,dyn.	1500 kg

- Patented snap-fft design
- Available in 2 heights
- Designed to convey beverage products, aluminium and steel cans, glass and plastic bottles and other rigid packages on many palletizer and conveyor systems
- Available as multi-trip pallet
- Rackable
- Tapered 4-way entry

GERMAN PALLET

Sizes (mm):	1180 x 1265
Weight:	21,6 kg
Load Capacity,dyn.	1500 kg

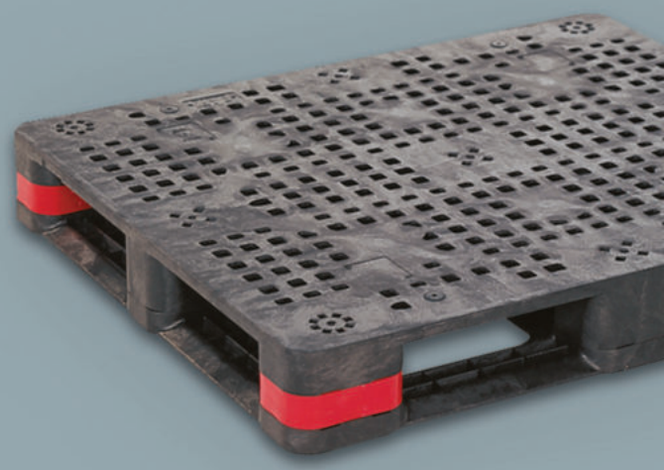
- Two-piece snap fit design
- Increased deck ventilation ideal for automated and manual washing systems
- Available in FDA approved material
- Designed to convey beverage products, aluminium and steel cans, glass and plastic bottles and other rigid packages on many palletizer and conveyor systems
- Reusable multi-trip pallet
- Tapered 4-way entry

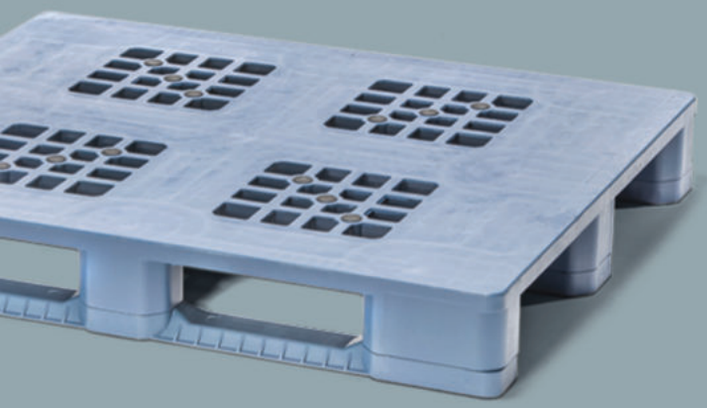


CAN END PALLET

Sizes (mm):	1200 x 1000
Weight:	24 kg
Load Capacity,dyn.	1500 kg

- Patented snap-fit design
- Available in 2 heights
- Designed to convey beverage products, aluminium and steel cans, glass and plastic bottles and other rigid packages on many palletizer and conveyor systems
- Reusable multi-trip pallet
- Tapered 4-way entry





AUTO PALLET

Size (mm):	1200 x 1000
Weight:	23 kg
Load Capacity, dyn.:	2500 kg

- Industrial pallet for automotive application
- Patented Snap-Fit-Design
- Designed to convey beverage products, aluminium and steel cans, glass and plastic bottles and other rigid packages on many palletizer and conveyor systems
- Reusable multi-trip pallet
- Tapered 4-way entry

HYGIENIC PALLETS

Sizes (mm):	1200 x 800	1200 x 1000
Weight:	18 kg	23 kg
Load Capacity,dyn.	2000 kg	2500 kg

- Reduce risk of product contamination
- Available in FDA-compliant materials
- Smooth surface
- Non-porous
- Easily cleanable
- Stackable
- Available in fire-retardant materials

TOP FRAMES

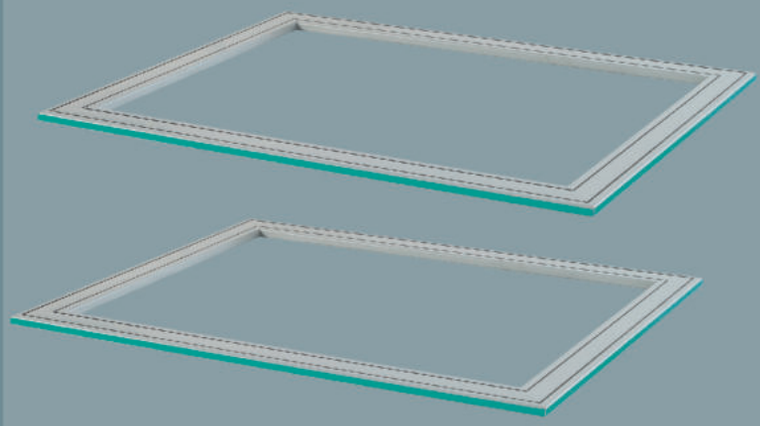
Top Frames protect products by unitizing full pallet loads of beverage products, aluminium/steel cans, glass/plastic bottles and other rigid packaging during storage and transport. When combined with plastic pallets and layer pads, top frames securely stabilize loads of product.

CUSTOMIZED PRODUCT OPTIONS:

- Customer name and logo available for direct printing
- Customized sizes available

Typical Top Frame Sizes (mm):

800 x 1200	1120 x 1420
1000 x 1200	1180 x 1250
1120 x 1300	



LAYER PADS

Solid and corrugated layer pads provide maximum product protection and unit load stability for food and beverage applications. Washable and reusable divider solution for increased hygienic properties compared to one way carton layer pads. ORBIS layer pads are environmentally friendly and 100% recyclable and reduce packaging waste by eliminating fibre sheet disposal.

CUSTOMIZED PRODUCT OPTIONS:

- Customer name and logo available for direct printing
- Sheet thickness range from 0.64 mm - 5mm
- Customized sizes available

Typical Sheet Sizes (mm):

800 x 1200	1120 x 1420
1000 x 1200	1180 x 1250
1120 x 1300	

PRODUCT SPECIFICATIONS

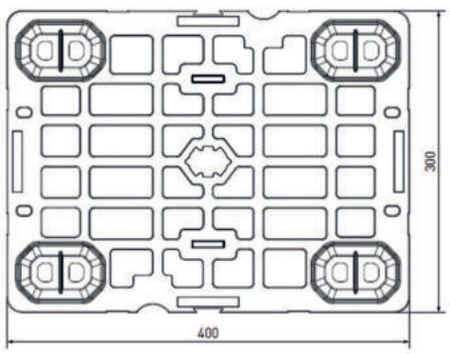
PRODUCT SPECIFICATIONS

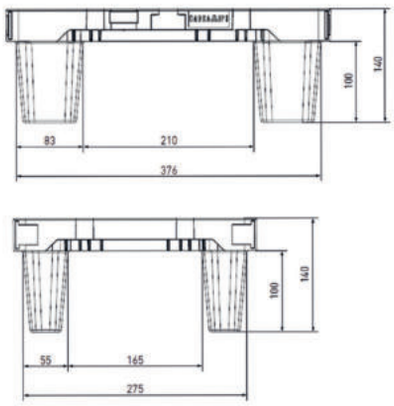
1/8 PALLET

Specifications (All dimensions in mm, unless otherwise indicated)

Model		1/8 Pallet
Bottom Support		4 feet, nestable
Top Deck		open
Dimensions (mm)		400 x 300 x 140
Load Capacities (kg)	Static	60
	Dynamic	30
	with Display	30
Weight (kg)	HDPE	0,75
	PO	/
Pallets per	Stack	456
	Truck	15504

Entry: 4 ways
Nesting Height: 40mm
Safety rim: /





OPTIONS:

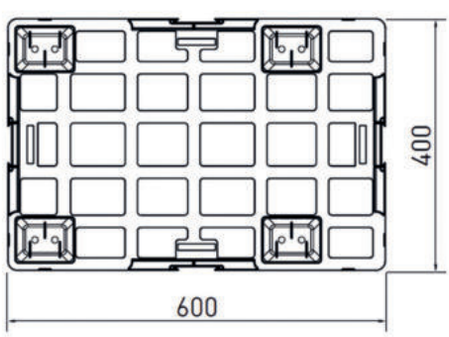
- Hot stamp
- Molded-in logo
- Grommets
- Bar coding
- Custom colors

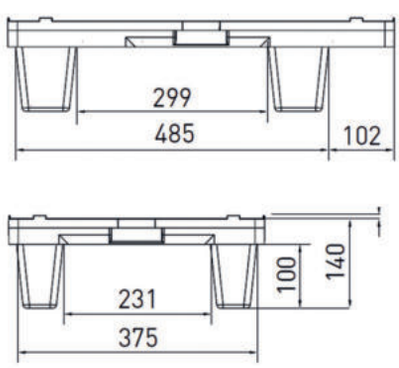
1/4 PALLET

Specifications (All dimensions in mm, unless otherwise indicated)

Model		1/4 Pallet
Bottom Support		4 feet, nestable
Top Deck		open
Dimensions (mm)		600 x 400 x 140
Load Capacities (kg)	Static	800
	Dynamic	250
	Racking	/
Weight (kg)	HDPE	1,1
	PO	/
Pallets per	Stack	200
	Truck	6600

Entry: 4 ways
Nesting Height: 40mm
Safety rim: /





OPTIONS:

- Hot stamp
- Molded-in logo
- Grommets
- Bar coding
- Custom colors

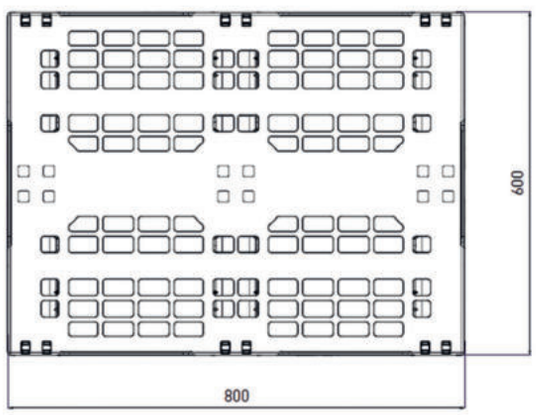
PRODUCT SPECIFICATIONS

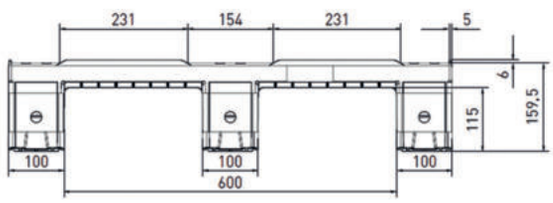
1/2 PALLET

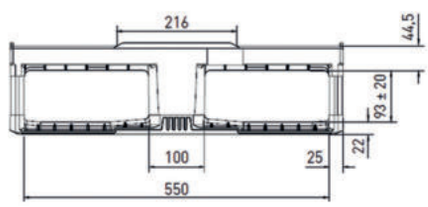
Specifications (All dimensions in mm, unless otherwise indicated)

Model		1/2 Pallet
Bottom Support		3 runners
Top Deck		open
Dimensions (mm)		800 x 600 x 140
Load Capacities (kg)	Static	2000
	Dynamic	1000
	Racking	500*
Weight (kg)	PP	8
	PO	/
Pallets per	Stack	32
	Truck	1056

Entry: 4 ways
Nesting Height: /
Safety rim: 6mm (optional without)
* only with the 600 mm side







- Hot stamp
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- Grommets
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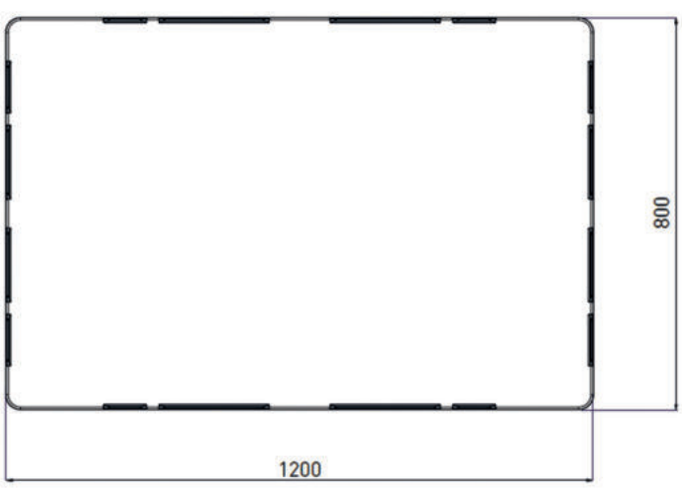
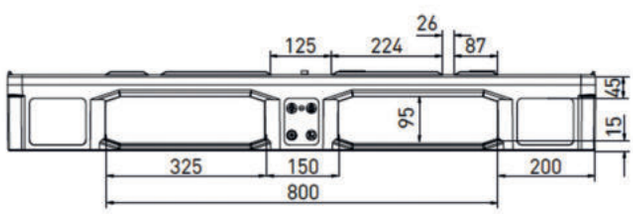
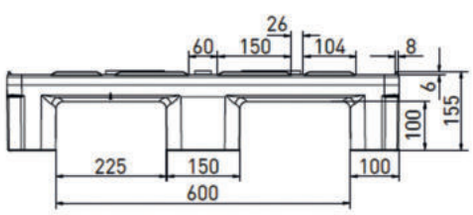
EURO PALLET

1200 x 800





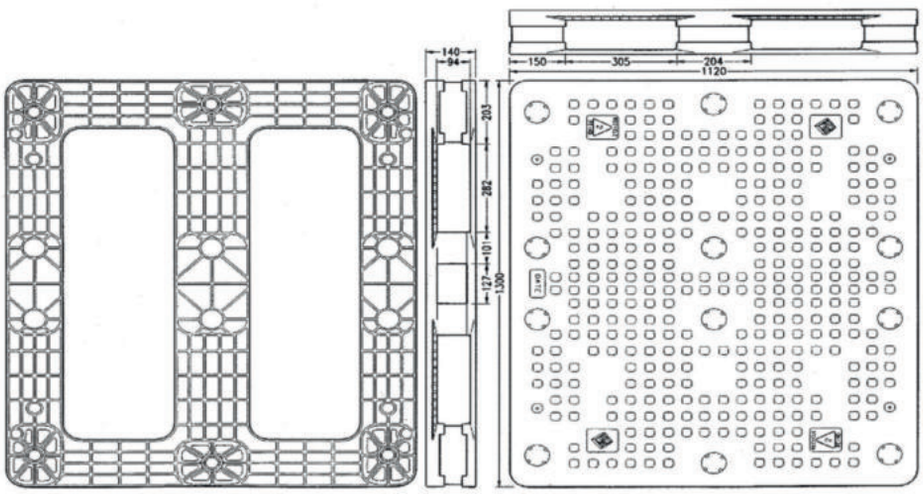


OPTIONS:

- Hot stamp
- Molded-in logo
- Grommets
- Bar coding
- Custom colors

PRODUCT SPECIFICATIONS

UK PALLET

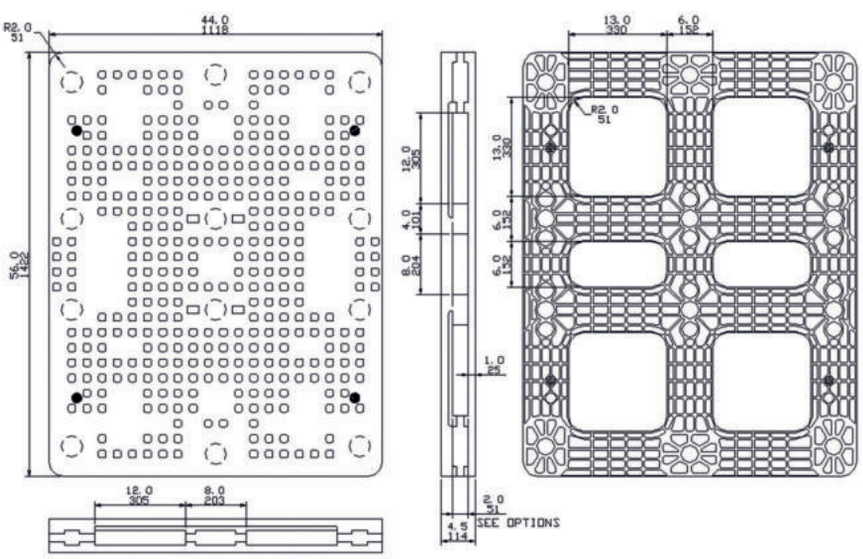


1120 x 1300

OPTIONS:

- Hot stamp
- Molded-in logo
- Grommets
- Bar coding
- Custom colors

SPANISH PALLET



1120 x 1420

OPTIONS:

- Hot stamp
- Molded-in logo
- Grommets
- Bar coding
- Custom colors

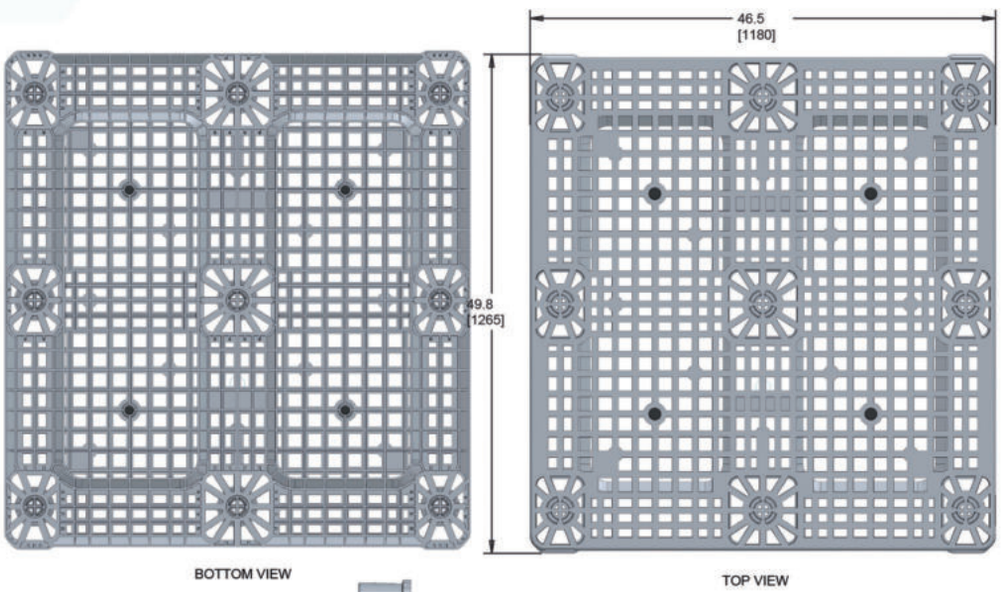
PRODUCT SPECIFICATIONS

GERMAN PALLET

1180 x 1265

OPTIONS:

- Hot stamp
- Bar coding
- Molded-in logo
- Custom colors
- Grommets

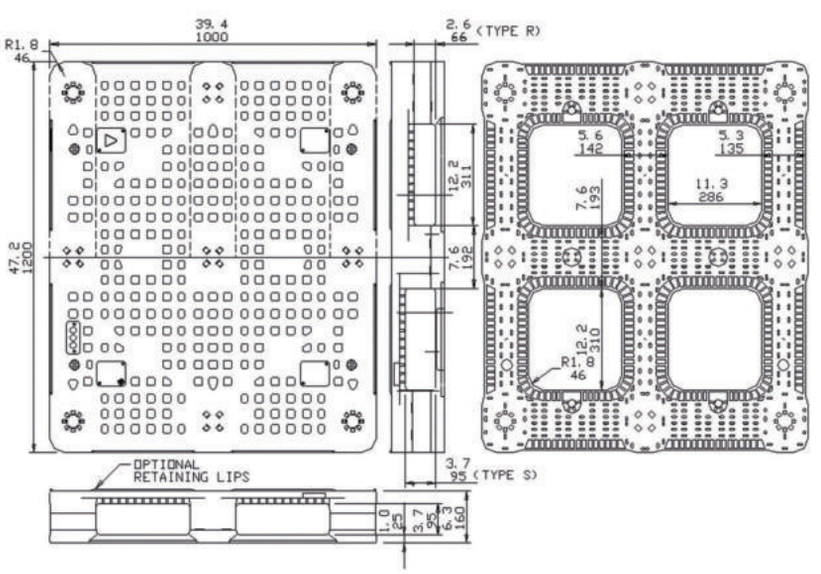


CAN END PALLET

1200 x 1000

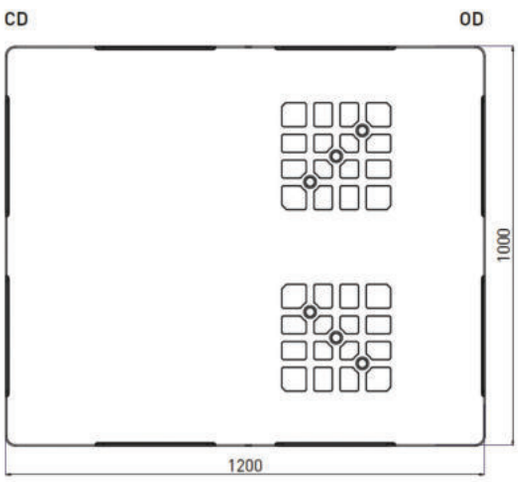
OPTIONS:

- Hot stamp
- Molded-in logo
- Grommets
- Bar coding
- Custom colors



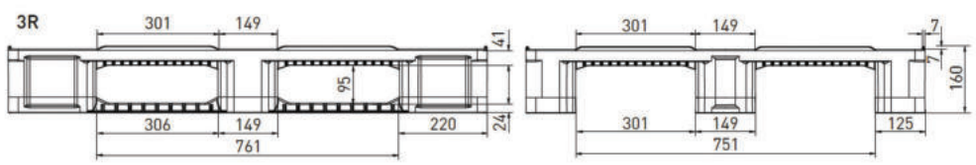
PRODUCT SPECIFICATIONS

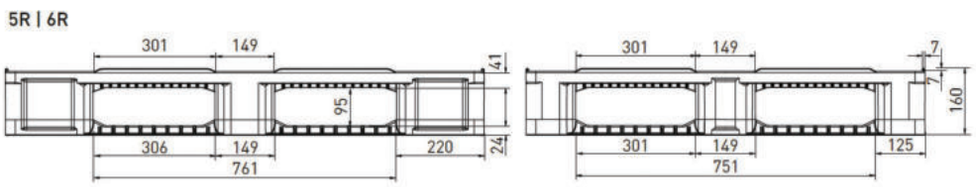
AUTO PALLET



OPTIONS:

- Hot stamp
- Molded-in logo
- Grommets
- Bar coding
- Custom colors





Model		Auto Pallet					
Bottom support		3 Runners	3 Runners	5 Runners	5 Runners	6 Runners	6 Runners
Upper deck		open	closed	open	closed	open	closed
Dimensions (mm)		1200 x 1000 x 160	1200 x 1000 x 160	1200 x 1000 x 160	1200 x 1000 x 160	1200 x 1000 x 160	1200 x 1000 x 160
Load capacity (kg)	Static	5000	5000	5000	5000	5000	5000
	Dynamic	2500	2500	2500	2500	2500	2500
	Racking	1250	1250	1250	1250	1250	1250
Weight (kg)	PP	20,0	21,0	21,0	22,0	22,0	23,0
	PO	/	/	/	/	/	/

PRODUCT SPECIFICATIONS

HYGIENIC PALLET

1200 x 800

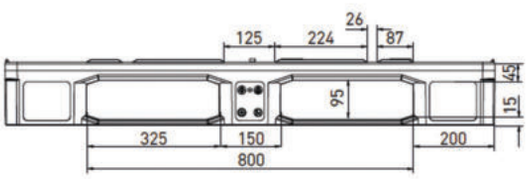
OPTIONS:

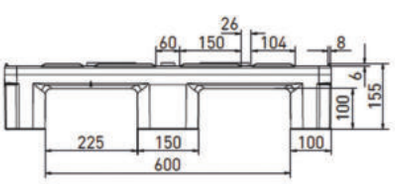
- Hot stamp
- Bar coding
- Molded-in logo
- Custom colors
- Grommets

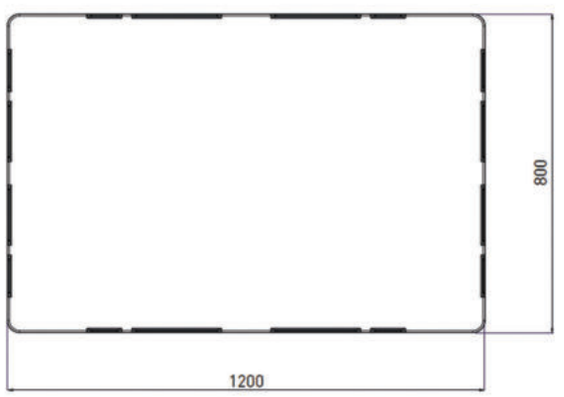
Specifications (All dimensions in mm, unless otherwise indicated)

Model		Hygienic Pallet	Hygienic Pallet	Hygienic Pallet
Bottom Support		9 feet	3 runners	3 fully closed runners
Top Deck		closed	closed	closed
Dimensions (mm)		1200 x 800 x 155	1200 x 800 x 155	1200 x 800 x 157
Load Capacities (kg)	Static	4000	4000	5000
	Dynamic	1000	2000	2500
	Racking	250	1000	1250
Weight (kg)	PP	17	18	19
	PO	/	/	/
Pallets per	Stack	15	15	15
	Truck	495	495	495

Entry: 4 ways
Nesting Height: /
Safety rim: 6mm (optional with
* only with the 600 mm side







1200 x 1000

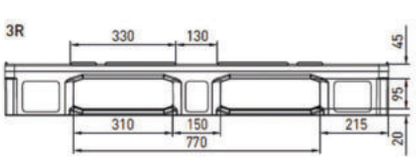
OPTIONS:

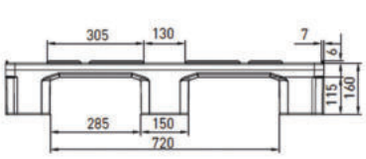
- Hot stamp
- Bar coding
- Molded-in logo
- Custom colors
- Grommets

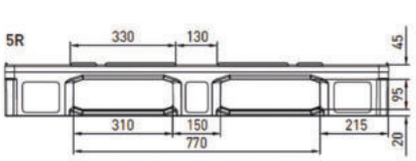
Specifications (All dimensions in mm, unless otherwise indicated)

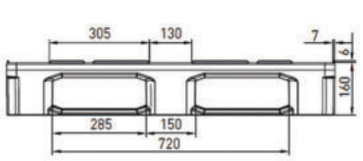
Model		Hygienic Pallet	Hygienic Pallet
Bottom Support		3 runners	5 runners
Top Deck		closed	closed
Dimensions (mm)		1200 x 1000 x 160	1200 x 1000 x 160
Load Capacities (kg)	Static	5000	5000
	Dynamic	2500	2500
	Racking	1250	1250
Weight (kg)	HDPE	22	23
	PO	/	/
Pallets per	Stack	15	15
	Truck	390	390

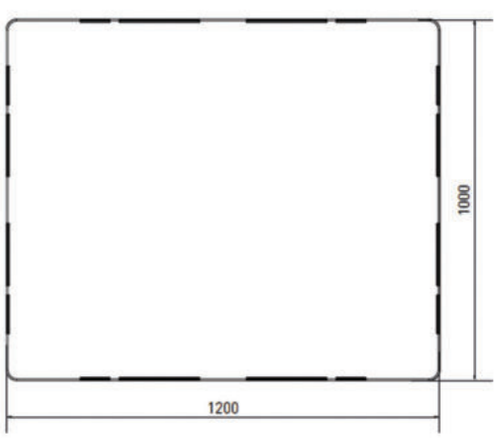
Entry: 4 ways
Nesting Height: /
Safety rim: 6mm (optional without)











ORBIS EUROPE LOCATIONS

UK-Sales
Food, beverage and pharmaceutical sales

Cologne, Germany
European Headquarters

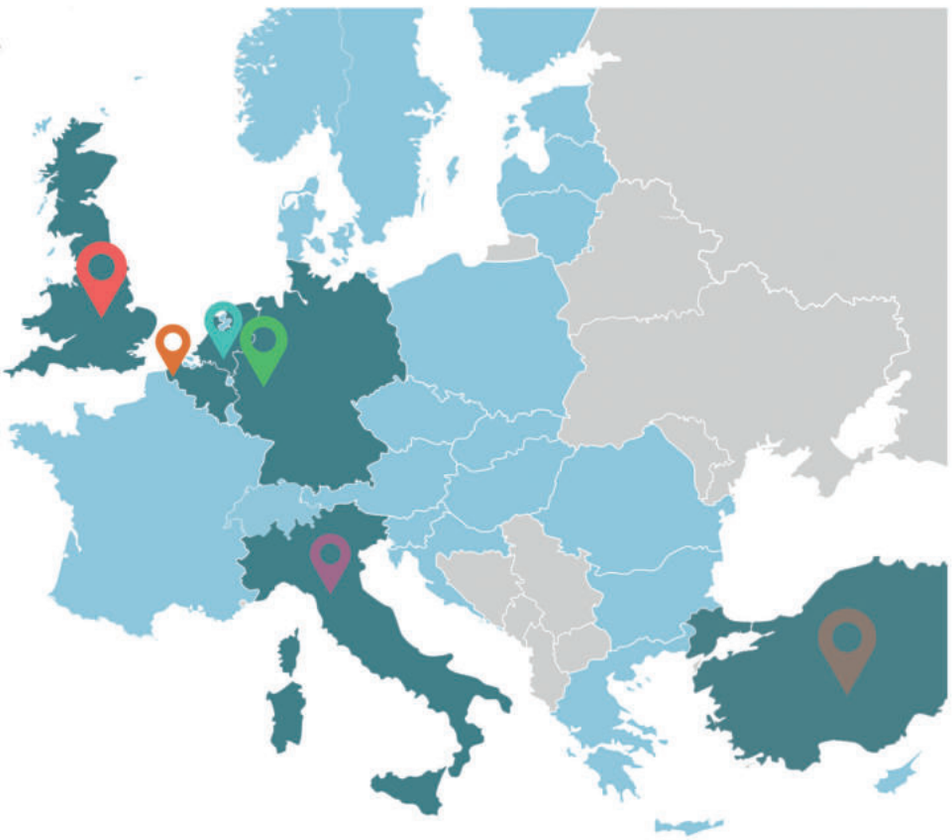
Italy - Sales
Automotive and industrial sales

Eindhoven, The Netherlands
RPM Service Center

Ieper, Belgium (Manufacturing)
Structural Foam Molding
Products: Pallets, BulkPak

Turkey (Manufacturing)
Structural Foam Molding
Products: Pallets, KLT, FLC

Cape Town, South Africa
Sales + Pooling



SOUTH AFRICA

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europe@orbiscorporation.com

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