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## WE

PAVONI ITALIA has been providing purchasers with customized, quality products for more than 40 years. We supply the full range of dedicated containers in polypropylene and polyethylene for the world of logistics, retail trade (including mass retail trade), light industry, and chemical, pharmaceutical, food and automotive sectors.

# GROUP <br> MORE THAN 40 YEARS AS YOUR CO-WORKERS. 

For more than 40 years, companies have been using our containers for their operations. Over four decades of innovation and experience in the containers marketplace. We started out in the bakery sector and moved on to industry. A dedicated division engages in design and production of polyethylene and polypropylene crates, while providing personalized and custom-made solutions not only for the products as such, but also for the manufacturing process in its entirety. Our work takes us from drawings to delivery. All details and particulars are looked into in order to meet your specific needs.

6,000 articles, 20,500 m2 premises and 15,000 customers worldwide. We owe the rise in figures to the work put into internationalizing our outreach, and into innovation and our policy of enhancing human resources - while always paying attention to the needs of our customer base. Customers can rest assured that their orders shall be fully customized, and that the products that they have ordered shall be well made, of excellence and with an optimal quality-price ratio.


## VALUES CLARITY. CONSISTENCY. DEEP COMMITMENT. THE COURAGE OF THOSE WHO DO THEIR UTMOST TO DELIVER EXCELLENCE.

The courage and the deep commitment of those who go beyond the mere figures and accounting side of matters. Clarity and consistency to do what we love doing and do it well! These are the "four Cs" that guide us in our work, alongside the attention we pay to your requests, conformity with time schedules and customization of the service throughout the production and delivery chain. We go beyond the mere branding of our goods. Our goods are tailor-made, aligned to
specific production and delivery needs. Add to this, the very real attention we pay to people and to their talents that must be nurtured and fostered within our corporate structure, and to professional integrity, also exportable abroad. And - of course - the attention paid to our products! We have always been guided in our efforts by a spirit of innovation at the design stage, backed up by a responsive and responsible customer care service.

Not just a branded solution
but a 100\% tailor-made product

## 0



From Research and Development to production and distribution. Our aim is to provide fine, well made products designed to meet the specific needs of our customers - reflecting the unbounded commitment of all our partners.

# HISTORY HISTORY ASSUMES VALUE IF IT PROJECTS INTO THE FUTURE. 

One part of our history is called intuition. Our company, founded in 1980, is the brainchild of Maurizio Pavoni. Maurizio looked at the plastic crates marketplace and decided on a proactive approach to production of pieces tailored to the needs of bakers. The first industrial patents date back to 1994: baskets in plastic and crates for the food sector, devised with an efficient stacking system.

By the arrival of the new millennium, the experience gained within the bakery sector - and the know how that had been acquired in the meantime - could be invested in all other industrial sectors. On the strength of the knowledge gained, we could now devise specific products and tailormade solutions for transporting, storing and handling products with our customers' needs in mind. Our activities as innovators led in 2012 to the opening of a new branch in the U.S.A., in New York, with a logistics hub in New Jersey. This move provided us with a new exciting stimulus and a springboard to confidently - and indeed enthusiastically - project us into the future!


## 15,000 <br> CUSTOMERS <br> all over the world

## 75\%



## $20,500 \mathrm{~m}^{2}$



# NETWORK PAVONI'S GLOBAL POSITION. MADE IN ITALY GOES GLOBAL. 

We distribute our products worldwide to Europe, the Middle East, Russia, the United States, Australia and the Far East. About 75\% of our business turnover is generated by dealings conducted abroad... and counting! The distribution network grows year by year, and the PAVONI ITALIA brand is becoming a familiar name in many parts of the world, alongside the hallmark characteristics of Italian style.

You will find us at the major trade fairs and events held worldwide. With our new branch in New York and the logistical centre in New Jersey - and an export network attuned to your needs and requests, plus a responsive back-office providing answers within 24 h -, in performance terms, we have attained the status of a leading sector player. Thanks to our rapidity and reliability as well as our style and design, many major brands have decided to partner up with us, to represent these sensorial and rational features.


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## TECHNOLOGY PRODUCTION: ADD QUALITY TO PRECISION AND THEN MULTIPLY BY 2.5 MILLION.

Our injection moulding lines assure us the highest quality, with precision and production performance ratings that enable us to manufacture more than 2.5 million pieces per year, with more than 4,000 tons of raw material processed. This material is certified and delivered by the world's largest groups engaged in the production of thermoplastics.
Our production department - which works round the clock - blends ISO-certified Total Quality management practices with Lean Production measures in order to reduce waste, improve delivery times and enhance our efficiency and efficacy. Qualitative processing of products, validation of the same, reduction of tooling times and of the time taken up by changing the mould/version - these are just a few of the main operational measures adopted to make our production process flexible, rapid and competitive.



The final product is compliant with Reg. CE 2023/2006 GMP:

- biological risk restraint;
- chemical risk restraint;
- physical risk restraint.

The finished product is compliant with
Reg. CE 1935/2004 - Reg. CE 10/2011,
Current legislation regarding food contact.

# CERTIFICATES <br> WE PRODUCE <br> BETTER TO <br> ENABLE YOU <br> TO IMPROVE PRODUCTION. 

We were one of the first companies in our sector to obtain UNI EN ISO 9001 certification. Since 2009, our Quality Management System has been operational in accordance with the UNI EN ISO 9001:2008 standard. The system is certified by TUV Rheinland, a leading German concern with international ACCREDIA accreditation. Our status was re-confirmed in 2018 in accordance with the new UNI EN ISO 9001:2015 version. These certificates aren't just 'diplomas' to hang on the wall as decoration. They attest to our growth and our ability to turn corporate assets to best account. We do so by placing our customers and their satisfaction at the centre of our concerns, as a guarantee that you will find in us a reliable partner.

In keeping with our ongoing growth as a corporate player in key world marketplaces, we obtained FDA (Food and Drug Administration) Registration for the US market. Yet again, we are confidently projected into the future.


## YOU <br> WE ENABLE YOUR CAPABILITIES. <br> (2) ロ~~ <br> $\square$ Wm <br> $\stackrel{\circ}{\circ}^{\circ}$ <br> $\square$

# PRODUCTION FROM THE ORIGINAL IDEA TO THE FINISHED PRODUCT, OUR SERVICE IS TAILORED TO YOUR NEEDS! 

The services that we provide are all 100\% tailor-made, right from the design stage through to delivery. Our standard mass produced pieces, too, must be agreed upon with you. For 40 years, we have been manufacturing a full range of plastic - polyethylene and polypropylene - crates for the industrial sector. Then comes our added value - i.e. the idea we have of a service that will pinpoint technical solutions that tally with your specifications while optimising the entire cycle, right up to delivery according to a jointly agreed timetable.


## DAIRY PRODUCTS CRATE

Customer
Important dairy industry in Northern Italy.
Demand
Crate for handling and storage.
Solution
Project for perforated crate with specific measurements $660 \times 460 \times 100$ mm and holes dimensions designed to allow liquid filtering.

Results
Crates suitable for handling the product along the entire production chain with significant temperature differences.


## CUSTOM PACKAGING CRATE

## Customer

Company that specializes in custom packaging automation solutions for e-commerce multinational companies.

Demand
Crates specific for product handling systems with machineries adapting the carton boxes to their specific contents.

Solution
Design and production of crates provided with bidirectional internal separators and removable bottom.

Results
Thanks to the bidirectional internal separators, which adjust to the contents, the system detects the size and makes carton boxes specific to each order.



## CRATE FOR MEAT

## Customer

Large-scale Retail Channel. Logistic for meat. Center of Italy.
Demand
Crate with identification systems to detect internal / external tracking suitable for the transport of fresh and frozen meat.

## Solution

Design and production of 30000 crates in PP equipped with special holes for fluid drainage. Digital EAN barcodes and tag insert. RFID on the bottom. Double identification system with all tracking process for traceability.

Results
Thanks to our crates the entire traceability of the distribution chain is guaranteed.


## ESD CRATES

Customer
Global manufacturer of micro-chips and electronic boards.
Demand
Crates suitable for the transport of electronic products.

## Solution

Complete production (30000 pcs) with conductive material.
Results
The material of our containers guarantee protection from possible electrostatic charges.

## FLAME RETARDANT CRATES

## Customer

Museum Center.
Demand
Flame retardant baskets.
Solution
Crates' production with self-exstinguishing VO material
Results
The self-extinguishing VO material guarantees that the flame goes out within 10 seconds. Perfectly suited for the storage of materials and documents in warehouses not equipped with fire - fighting systems.


## METAL DETECTABLE CRATES

## Customer

Bakery equipment manufacturer.
Demand
Possibility of detecting broken crates and therefore dough contamination.
Solution
Use of specific compound chemically composed by metallic elements (iron).

Results
Product traceability through metal-detectable systems capable of detecting any metallic pieces in the mixtures arising from crate rupture.


## FOLDABLE EUROPA CRATE

## Customer

One of the foremost and most interesting of Germany's retail trade operators.

## Request

Moving 190,000 items from logistical centres to more than 800 retail outlets in Europe, and in particular in Germany.

Solution
Foldable plastic crate (Europa 600x400 Foldable series).
Results

- optimization of the floor-level storage space with more than 250,000 sq. m of the warehouse;
- considerable reduction of space occupied during the empty crates transport stages;
- the compactness of the folded crates may enable space savings of as much as 70\%, while minimizing transport and storage costs.




## NESTING CRATE

## Customer

A cooperative of pharmacists and one of the major wholesale distributors of pharmaceuticals in Germany.
Request
Handling of pharmaceuticals by means of automated systems for preparing orders to be delivered from logistical centres to the more than 8,000 associated pharmacies in the territory.

## Solution

I series nesting plastic crates fitted with lid and safety seal.

## Results

- this crate is suitable for use in automated warehouses because it includes an RFID microchip holder;
- sturdy, with load and safety seal for transporting products with the greatest
care;
- smooth inner sides, readily and rapidly cleanable;
- because of their slightly conical shape, when empty, these crates can be nested, thus reducing storage and warehouse space by up to 75\%.




## CRATE FOR HAMBURGERS

Customer
Fast food chain
Request
Handling goods from supplier bakers to the chain's retail outlets in baskets customized for the various formats of buns.

Solution
RF series plastic crates for hamburgers, specifically designed and customized for transporting hamburger buns.

Results

- ideal for holding standard pans and when transported on standard trolleys;
- bottom reinforced for greater sturdiness and non-deformability;
- perforated-bottom typology enabling optimal exposure to the air for storage of the buns.




## SCOOTER BOX

Customer
HO.RE.CA

## Solution

Plastic scooter box max dimensions $585 \times 544 \times 468 \mathrm{~h} \mathrm{~mm}$.

## Results

- the scooter box is the roomy and resistant container for always perfect pizzas on home delivery, as if just out of the oven;
- the UV-resistant polyethylene construction preserves it over time and makes it particularly resistant to impact;
- the snap closure system, with upward movement, prevents accidental opening even in the event of a fall;
- it is suitable for transport and contact with food and easily hook onto the luggage racks of scooters and bicycles.



# TAILOR-MADE SOLUTIONS PRODUCTS TAILORED TO YOUR OBJECTIVES. 

Because they are tailored to the various needs of the mechanical, chemicals, food, textiles, logistical, automotive and transport sectors, to name but a few, our crates provide smart solutions for all logistical applications. The customization measures that we provide include branding, with mould and hot printing, and a full range of colours, dimensions and shapes available for the crates. These solutions may be applied throughout the chain. Palletization, transport and delivery may be structured made-to-measure, with excellent lead times.

## COLOURS

The crates are presented with one standard colour. However, other colour solutions may be chosen at will.

## HOT PRINTING

An automatic piston machine heat stamps your logo or trade mark on one or more sides of the crate. A coloured film is inserted between the crate and the brand cliché. The film is perfectly fixed onto the basket to represent with absolute precision the stamped element.

## MOULD PRINTING

This process is indicated for large quantities. This type of customization process takes place during the moulding of the crate itself. The brand, or any wording or lettering decided upon, is relieved or engraved using the same colour as that of the crate being processed.

## TRACEABILITY

Rfid Label and Rfid Tag on the sides and/or on the bottom allow the complete traceability of the crates and its contents.


## OUR PRODUCTION 100\% TAILOR-MADE

The idea
Our engineering team listens to your specific requests and conducts a feasibility study.

## The 3D model

The technical drawings and a 3D model are presented for the purposes of a genuinely tailor-made proposition.

Mould
A mould is produced, including (according to your requirements) the logo that you want to see impressed directly on the crate.

## Raw material

To attain the performance ratings agreed upon, the raw materials that we use are provided by the best international producers.

## Injection moulding

The material is melted. When it reaches the required viscosity, it is injected into the mould and then cooled.

## Delivery

The manners of palletization of the finished product and of delivery are agreed upon with you.

# RANGES <br> MULTIPLE CONTENTS FOR EACH PROPOSITION 



## PLASTIC CRATES

Crates in polyethylene and polypropylene for industry, logistics, the automotive sector and the foods sector, to name but a few.


## VEGISLAND

Modular exhibition spaces for the presentation of fruit and vegetables.


## PALLETS

The load pallets used are stackable, nesting, sturdy and lightweight. They are readily cleanable for perfect hygiene.


## TANKS AND BOXES

High-resistance containers for dough. The edges are rounded; the corners are reinforced; and the sides are smooth and readily cleanable. Available with wheels and special trolleys for tipping over.


## ECOLOGICAL CONTAINERS

Sturdy and ecological (indispensable in all sectors, for correct waste organisation).


## TERMOBOX CONTAINERS

Thermal containers with optimal performance ratings for insulated transport of hot and cold foods. Heat drop $<1^{\circ}$ C/h.


## LEGEND

## COLOURS



BLUE AND GREY
Europa Logistic
Europa Foldable

BLU AND RED
BL series

WHITE
SL series
Ecological containers
Pallet

## NEUTRAL

Europa series
S series
I series
R series
Tanks and boxes
GREY
N series
Hamburger buns

MUSTARD-COLOURED, BEIGE OR BROWN
Vegisland

## BLACKS

Termobox
Pallets

A broad range of colours is available; these may be customized according to your requirements.

## MATERIALS

## High density polyethylene (HDPE)

HDPE is one of the most resistant thermoplastic materials, even against acids and bases, as well as against low and high temperatures (range: from $-30^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ ).

## Low density polyethylene (LLDPE)

This resistant material is more ductile and less rigid than high density polyethylene. It is endowed with adequate impact resistance and springback following deformation. Ideal for use at low temperatures.

## Polypropylene (PP)

PP is a thermoplastic copolymer that is extremely resistant even against acids and bases. It is elastic and endowed with optimal characteristics in terms of impact resistance, shrinkage and hardening of the surface. It is suitable for applications in which resistance to high temperatures is required (from $-20^{\circ} \mathrm{C}$ to $+90^{\circ} \mathrm{C}$ ).

## EPP

Foam polypropylene is endowed with optimal heat insulation properties.

## ABS

ABS is a material endowed with excellent construction properties (impact resistance) and mechanical properties (ease of working).

## Other materials

Other plastics, such as polymethyl methacrylate, polycarbonate and polyamide.

## AISI 304 stainless steel

All materials are compliant with current legal requirements governing the characteristics of packaging and containers coming into contact with foods.

## SYMBOLS

Can be nested or stacked by


Stackable


Nesting


Lid


Trolley rotating the base by $180^{\circ}$

The number of pieces per pallet indicated in the tables is as provided for by the EUR $1000 \times 1200$ standard.

## воттомs

## EUROPA 600X400 mm AND $400 \times 300 \mathrm{~mm}$ SERIES

## SMOOTH BOTTOMS

The flat bottoms are ideal for ensuring low noise during handling by automated production and handling systems.

$400 \times 300 \mathrm{~mm}$

## PERFORATED BOTTOMS

The bottoms, featuring a variety of perforated screening solutions, enable the passage of air and liquids.

$400 \times 300 \mathrm{~mm}$

## REINFORCED BOTTOMS

Closed bottoms that are highly resistant to deformation.


## SPECIAL BOTTOMS

$\checkmark$ Special reinforced bottom for automatic
warehouse; load capacity up to 45 Kg (suitable for crates with height up to 240 mm )
Z Perforated unit bottom suitable for crates with height 260/290/320/350 mm


## EUROPA LOGISTIC AND EUROPA FOLDABLE SERIES

Three typologies of closed bottoms: smooth (FB), reinforced (RB) and sandwich (SB). Ideal for silent handling on automated transport and handling systems (within the minimum threshold limits as set forth in the European regulations).


Max Load 20 Kg


Max Load 30 Kg


Max Load 50 Kg

# EUROPA SERIES 

The Europa series of crates presents many specialised solutions combining a variety of dimensions, sides, bottoms and specific accessories. Breathable transparent screen sides can be provided, enabling the passage of air and liquids. The bottom may be closed or perforated, while preventing, always, bending at the loading level. The bottom may be selected on the basis of weight, strength and ambits of use. Lids are available with or without hooks, to protect the goods against harm during transport and avoid soiling. The handles included for handling purposes can be customized (hole handles, closed handles and various combinations of these, for optimal user-friendliness).

## HOW TO READ PAVONI PRODUCT CODE

Our product codes are "speaking" and are the result of a combination of different specifications (bottom, handles, sides and details).


HANDLES LEGEND


MC closed handles


ME external handles


MP hole handles

## EUROPA LOGISTIC SERIES

Devised expressly for high tech automated and robotized handling operations, the Europa Logistic series is suitable for use with all the most widely adopted production and handling systems. These products are perfectly stackable, thus providing maximum compactness while facilitating management tasks. The fastening points facilitate automated handling. The various bottoms (smooth, reinforced and sandwich) provide a marked degree of adaptability to specific loads, optimizing smooth handling operations on automated systems while minimizing noise levels, thus ensuring compliance with European regulations.


Holes, docking points and solutions for automated handling.


## BOTTOMS

3 variants selected according to type of load for optimal and smooth running on transport systems, with noise levels minimized.


Closed smooth
Max Load 20 Kg


Closed reinforced
Max Load 30 Kg


Sandwich
Max Load 50 Kg

## EUROPA SERIES LOGISTIC



| Code | Bottom | Inside <br> dimension mm | Liters | 4MP | 4ME | 2MP+2ME | Pieces <br> per pallet |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EL6412 | FB | $570 \times 370 \times 115$ | 24 | $\bullet$ | $\bullet$ | $\bullet$ | 95 |
|  | RB | $570 \times 370 \times 95$ | 20 | $\bullet$ | $\bullet$ | $\bullet$ | 95 |
|  | SB | $570 \times 370 \times 95$ | 20 | $\bullet$ | $\bullet$ | $\bullet$ | 95 |



| Code | Bottom | Inside <br> dimension mm | Liters | 4MP | 4ME | 2MP+2ME | Pieces <br> per pallet |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EL6417 | FB | $570 \times 370 \times 165$ | 34 | $\bullet$ | $\bullet$ | $\bullet$ | 70 |
|  | RB | $570 \times 370 \times 145$ | 30 | $\bullet$ | $\bullet$ | $\bullet$ | 70 |
|  | SB | $570 \times 370 \times 145$ | 30 | $\bullet$ | $\bullet$ | $\bullet$ | 70 |



| Code | Bottom | Inside <br> dimension mm | Liters | 4MP | 4ME | 2MP+2ME | Pieces <br> per pallet |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EL6422 | FB | $570 \times 370 \times 215$ | 44 | $\bullet$ | $\bullet$ | $\bullet$ | 50 |
|  | RB | $570 \times 370 \times 195$ | 40 | $\bullet$ | $\bullet$ | $\bullet$ | 50 |
|  | SB | $570 \times 370 \times 195$ | 40 | $\bullet$ | $\bullet$ | $\bullet$ | 50 |



| Code | Bottom | Inside <br> dimension mm | Liters | 4 MP | 4 ME | 2MP+2ME | Pieces <br> per pallet |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EL6432 | FB | $570 \times 370 \times 315$ | 65 | $\bullet$ | $\bullet$ | $\bullet$ | 35 |
|  | RB | $570 \times 370 \times 295$ | 61 | $\bullet$ | $\bullet$ | $\bullet$ | 35 |
|  | SB | $570 \times 370 \times 295$ | 61 | $\bullet$ | $\bullet$ | $\bullet$ | 35 |

## EUROPA SERIES ACCESSORIES LOGISTIC

## DIVIDERS



LONG $552 \times 47 \times 2 \mathrm{~mm}$ SHORT $352 \times 45 \times 2 \mathrm{~mm}$


Vertical distribution


Horizontal distribution

LIDS

| Code | Outside <br> dimension mm | Pieces per <br> pallet |
| :--- | :---: | :---: |
| COPE64N | $600 \times 400 \times 20$ | 700 |


| Code | Outside <br> dimension mm | Pieces per <br> pallet |
| :---: | :---: | :---: |

COPEN64 $610 \times 410 \times 45 \quad 700$

## EUROPA FOLDABLE SERIES

A truly impressive loading capacity for a mere height of 70 mm . The Europa Foldable series of polypropylene crates was devised specifically to meet the needs of operators for whom the functions of reloading, repackaging and storing during periods of inactivity are vital. The 70\% space saving also minimizes transport costs because of optimal stackability and ordering on pallets. The crates include inserts for heat stamping, labelling, bar codes, RFID and IML.


The Foldable series can be folded away very simply:


4 A mere height of 70 mm



Smooth bottom

## EUROPA SERIES FOLDABLE



Height 220 mm


| Code | Inside <br> dimension mm | Outside <br> dimension mm | Liters | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: |
| EA6422PPBL | $570 \times 365 \times 220$ | $599 \times 399 \times 68$ | 45 | 100 |

## EUROPA 600x400 SERIES

The Europa $600 \times 400$ series is a truly versatile resource, appropriate for the load in question. Given the various combinations of sides, bottoms and handles, the crates are also perfectly stackable and palletizable on EUR $800 \times 1200 \mathrm{~mm}$ or $1000 \times 1200 \mathrm{~mm}$ pallets and are resistant against a broad range of climatic and temperature conditions. With its high load capacity and marked durability, the guarantee afforded by the use of premium class materials, its impact resistance, and resistance also when intensively used, this series provides ideal solutions for all applications.


## EUROPA SERIES PERFORMANCE 600x400 mm

Height 70-240 mm

## E SERIES

Closed bottom and closed sides


| Code | Bottom | Inside dimension mm | Liters | 4MP | 4MC | $2 \mathrm{MP}+2 \mathrm{MC}$ | Pieces per pallet |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| E6407 | C | $565 \times 365 \times 55$ | 11 |  | - |  | 160 |
|  | B | $565 \times 365 \times 55$ | 11 |  | - |  | 160 |
|  | A | $565 \times 365 \times 65$ | 13 |  | $\bullet$ |  | 160 |
| E6410 | C | $565 \times 365 \times 85$ | 17 |  | - |  | 110 |
|  | B | $565 \times 365 \times 85$ | 17 |  | - |  | 110 |
|  | A | $565 \times 365 \times 95$ | 19 |  | - |  | 110 |
| E6413 | C | $565 \times 365 \times 110$ | 22 | $\bullet$ | - | $\bullet$ | 85 |
|  | B | $565 \times 365 \times 110$ | 22 | $\bullet$ | $\bullet$ | - | 85 |
|  | A | $565 \times 365 \times 120$ | 24 | - | - | - | 85 |
| E6415 | C | $565 \times 365 \times 140$ | 28 | - | - | $\bullet$ | 70 |
|  | B | $565 \times 365 \times 140$ | 28 | - | - | - | 70 |
|  | A | $565 \times 365 \times 150$ | 30 | $\bullet$ | $\bullet$ | $\bullet$ | 70 |
| E6417 | C | $565 \times 365 \times 160$ | 33 | - | - | - | 70 |
|  | B | $565 \times 365 \times 160$ | 33 | - | $\bullet$ | $\bullet$ | 70 |
|  | A | $565 \times 365 \times 170$ | 35 | $\bullet$ | $\bullet$ | $\bullet$ | 70 |
| E6420 | C | $565 \times 365 \times 185$ | 38 | $\bullet$ | - | $\bullet$ | 50 |
|  | B | $565 \times 365 \times 185$ | 38 | - | $\bullet$ | $\bullet$ | 50 |
|  | A | $565 \times 365 \times 195$ | 40 | $\bullet$ | $\bullet$ | $\bullet$ | 50 |
| E6422 | C | $565 \times 365 \times 205$ | 42 | $\bullet$ | - | $\bullet$ | 50 |
|  | B | $565 \times 365 \times 205$ | 42 | - | - | - | 50 |
|  | A | $565 \times 365 \times 215$ | 44 | - | - | - | 50 |
| E6424 | C | $565 \times 365 \times 225$ | 46 | - | - | - | 45 |
|  | B | $565 \times 365 \times 225$ | 46 | - | - | - | 45 |
|  | A | $565 \times 365 \times 235$ | 48 | - | - | - | 45 |

## EUROPA SERIES PERFORMANCE 600x400 mm

## Height 70-240 mm

## EC SERIES

Closed bottom and perforated sides


| Code | Bottom | Inside dimension mm | Liters | 4MP | 4MC | $2 \mathrm{MP}+2 \mathrm{MC}$ | Pieces per pallet |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EC6407 | C | $565 \times 365 \times 55$ | 11 |  | - |  | 160 |
|  | B | $565 \times 365 \times 55$ | 11 |  | $\bullet$ |  | 160 |
|  | A | $565 \times 365 \times 65$ | 13 |  | - |  | 160 |
| EC6410 | C | $565 \times 365 \times 85$ | 17 |  | $\bullet$ |  | 110 |
|  | B | $565 \times 365 \times 85$ | 17 |  | $\bullet$ |  | 110 |
|  | A | $565 \times 365 \times 95$ | 19 |  | - |  | 110 |
| EC6413 | C | $565 \times 365 \times 110$ | 22 | - | $\bullet$ | - | 85 |
|  | B | $565 \times 365 \times 110$ | 22 | - | - | - | 85 |
|  | A | $565 \times 365 \times 120$ | 24 | - | - | - | 85 |
| EC6415 | C | $565 \times 365 \times 140$ | 28 | - | - | - | 70 |
|  | B | $565 \times 365 \times 140$ | 28 | $\bullet$ | - | $\bullet$ | 70 |
|  | A | $565 \times 365 \times 150$ | 30 | - | - | - | 70 |
| EC6417 | C | $565 \times 365 \times 160$ | 33 | $\bullet$ | $\bullet$ | - | 70 |
|  | B | $565 \times 365 \times 160$ | 33 | - | $\bullet$ | $\bullet$ | 70 |
|  | A | $565 \times 365 \times 170$ | 35 | $\bullet$ | $\bullet$ | $\bullet$ | 70 |
| EC6420 | C | $565 \times 365 \times 185$ | 38 | $\bullet$ | $\bullet$ | $\bullet$ | 50 |
|  | B | $565 \times 365 \times 185$ | 38 | $\bullet$ | - | - | 50 |
|  | A | $565 \times 365 \times 195$ | 40 | $\bullet$ | $\bullet$ | - | 50 |
| EC6422 | C | $565 \times 365 \times 205$ | 42 | $\bullet$ | - | $\bullet$ | 50 |
|  | B | $565 \times 365 \times 205$ | 42 | $\bullet$ | - | - | 50 |
|  | A | $565 \times 365 \times 215$ | 44 | - | - | $\bullet$ | 50 |
| EC6424 | C | $565 \times 365 \times 225$ | 46 | $\bullet$ | $\bullet$ | $\bullet$ | 45 |
|  | B | $565 \times 365 \times 225$ | 46 | $\bullet$ | - | $\bullet$ | 45 |
|  | A | $565 \times 365 \times 235$ | 48 | $\bullet$ | - | - | 45 |

## EUROPA SERIES PERFORMANCE 600x400 mm

## Height 70-240 mm

## EF SERIES

Perforated bottom and perforated sides


| Code | Bottom | Inside dimension mm | Liters | 4MP | 4MC | $2 \mathrm{MP}+2 \mathrm{MC}$ | Pieces per pallet |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EF6407 | G | $565 \times 365 \times 55$ | 11 |  | $\bullet$ |  | 160 |
|  | F | $565 \times 365 \times 55$ | 11 |  | - |  | 160 |
| EF6410 | G | $565 \times 365 \times 85$ | 17 |  | $\bullet$ |  | 110 |
|  | F | $565 \times 365 \times 85$ | 17 |  | - |  | 110 |
| EF6413 | E | $565 \times 365 \times 110$ | 22 | - | $\bullet$ | - | 85 |
|  | D | $565 \times 365 \times 110$ | 22 | - | - | - | 85 |
| EF6415 | E | $565 \times 365 \times 140$ | 28 | - | - | $\bullet$ | 70 |
|  | D | $565 \times 365 \times 140$ | 28 | - | $\bullet$ | - | 70 |
| EF6417 | E | $565 \times 365 \times 160$ | 33 | - | - | - | 70 |
|  | D | $565 \times 365 \times 160$ | 33 | $\bullet$ | $\bullet$ | - | 70 |
| EF6420 | E | $565 \times 365 \times 185$ | 38 | - | - | - | 50 |
|  | D | $565 \times 365 \times 185$ | 38 | $\bullet$ | - | - | 50 |
| EF6422 | E | $565 \times 365 \times 205$ | 42 | - | $\bullet$ | - | 50 |
|  | D | $565 \times 365 \times 205$ | 42 | - | $\bullet$ | - | 50 |
| EF6424 | E | $565 \times 365 \times 225$ | 46 | - | - | - | 45 |
|  | D | $565 \times 365 \times 225$ | 46 | $\bullet$ | $\bullet$ | $\bullet$ | 45 |

## EUROPA SERIES PERFORMANCE 600x400 mm

## Height 260-350 mm

## E SERIES

Closed bottom and closed sides


| Code | Bottom | Inside <br> dimension mm | Liters | 2MP+2MC | 2ME+2MC | Pieces <br> per pallet |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| E6426 | B | $570 \times 370 \times 255$ | 53 | $\bullet$ | $\bullet$ | 40 |
| E6429 | B | $570 \times 370 \times 275$ | 58 | $\bullet$ |  | 35 |
| E6432 | B | $570 \times 370 \times 305$ | 64 | $\bullet$ | $\bullet$ | 35 |
| E6435 | B | $570 \times 370 \times 335$ | 70 | $\bullet$ | 30 |  |

## EC SERIES

Closed bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 2MP+2MC | 2ME+2MC | Pieces <br> per pallet |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| EC6426 | B | $570 \times 370 \times 255$ | 53 | $\bullet$ | $\bullet$ | 40 |
| EC6429 | B | $570 \times 370 \times 275$ | 58 | $\bullet$ |  | 35 |
| EC6432 | B | $570 \times 370 \times 305$ | 64 | $\bullet$ | $\bullet$ | 35 |
| EC6435 | B | $570 \times 370 \times 335$ | 70 | $\bullet$ | 30 |  |

## EF SERIES

Perforated bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 2MP+2MC | 2ME+2MC | Pieces <br> per pallet |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| EF6426 | D | $570 \times 370 \times 255$ | 53 | - | - | 40 |
|  | H | $570 \times 370 \times 255$ | 53 | - | - | 40 |
| EF6429 | D | $570 \times 370 \times 275$ | 58 | - |  | 35 |
|  | H | $570 \times 370 \times 275$ | 58 | - |  | 35 |
| EF6432 | D | $570 \times 370 \times 305$ | 64 | - | - | 35 |
|  | H | $570 \times 370 \times 305$ | 64 | - | - | 35 |
|  | D | $570 \times 370 \times 335$ | 70 | - |  | 30 |
|  | H | $570 \times 370 \times 335$ | 70 | - |  | 30 |

# EUROPA SERIES PERFORMANCE 600x400 mm 

## Height 410-450 mm

## E SERIES

Closed bottom and closed sides


## EC SERIES

Closed bottom and perforated sides

| Code | Bottom | Inside <br> dimension mm | Liters | 2MP+2MC | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| E6441 | I | $570 \times 365 \times 395$ | 82 | $\bullet$ | 25 |
| E6445 | I | $570 \times 365 \times 435$ | 90 | $\bullet$ | 25 |



EF SERIES
Perforated bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 2MP+2MC | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EF6441 | J | $570 \times 365 \times 395$ | 82 | $\bullet$ | 25 |
| EF6445 | J | $570 \times 365 \times 435$ | 90 | $\bullet$ | 25 |

## EUROPA SERIES LIGHT 600x400 mm

## Height 70-90 mm

## E SERIES

Closed bottom and closed sides


| Code | Bottom | Inside <br> dimension mm | Liters | 4MC | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| E6407L | K | $565 \times 365 \times 60$ | 12 | $\bullet$ | 160 |
|  | A | $565 \times 365 \times 70$ | 14 | $\bullet$ | 160 |
| E6409L | K | $565 \times 365 \times 80$ | 16 | $\bullet$ | 110 |
|  | A | $565 \times 365 \times 85$ | 17 | $\bullet$ | 110 |

## EC SERIES

Closed bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 4MC | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EC6407L | K | $565 \times 365 \times 60$ | 12 | $\bullet$ | 160 |
|  | A | $565 \times 365 \times 70$ | 14 | $\bullet$ | 160 |
| EC6409L | K | $565 \times 365 \times 80$ | 16 | $\bullet$ | 110 |
|  | A | $565 \times 365 \times 85$ | 17 | $\bullet$ | 110 |

## EF SERIES

Perforated bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 4MC | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EF6407L | L | $565 \times 365 \times 60$ | 12 | $\bullet$ | 160 |
| EF6409L | L | $565 \times 365 \times 85$ | 17 | $\bullet$ | 110 |

## EUROPA SERIES LIGHT 600x400 mm

Height 140 mm

## E SERIES

Closed bottom and closed sides


| Code | Bottom | Inside <br> dimension mm | Liters | 4MP | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| E6414L | M | $570 \times 370 \times 125$ | 25 | $\bullet$ | 80 |

## EC SERIES

Closed bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 4MP | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EC6414L | M | $570 \times 370 \times 125$ | 25 | $\bullet$ | 80 |

## EF SERIES

Perforated bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 4 MP | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EF6414L | N | $570 \times 370 \times 125$ | 25 | $\bullet$ | 80 |

## EUROPA SERIES LIGHT 600x400 mm

Height 150 mm

## E SERIES

Closed bottom and closed sides


## EC SERIES

Closed bottom and perforated sides


## EF SERIES

Perforated bottom and perforated sides

| Code | Bottom | Inside <br> dimension mm | Liters | 4MP | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| E6415L | $\mathbf{P}$ | $560 \times 360 \times 140$ | 28 | $\bullet$ | 70 |
|  | $\mathbf{O}$ | $560 \times 360 \times 140$ | 28 | $\bullet$ | 70 |


| Code | Bottom | Inside <br> dimension mm | Liters | 4MP | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EC6415L | $\mathbf{P}$ | $560 \times 360 \times 140$ | 28 | $\bullet$ | 70 |
|  | $\mathbf{O}$ | $560 \times 360 \times 140$ | 28 | $\bullet$ | 70 |


| Code | Bottom | Inside <br> dimension mm | Liters | 4MP | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EF6415L | $\mathbf{R}$ | $560 \times 360 \times 140$ | 28 | $\bullet$ | 70 |
|  | $\mathbf{Q}$ | $560 \times 360 \times 140$ | 28 | $\bullet$ | 70 |

# EUROPA SERIES LIGHT 600x400 mm 

Height 150 mm

## EF SERIES

Perforated bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 4 MP | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EF6415LL | R | $560 \times 365 \times 140$ | 28 | $\bullet$ | 70 |

## EUROPA SERIES SPECIAL VERSIONS

## DOUBLE



AF6247
Perforated bottom and perforated sides

Double is a polyfusion product, created by joining two crates in order to double the load volume. Double can be produced starting out from various base dimensions. The space thus created (an indispensable solution for specific handling needs) is unprecedented.


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Handles | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| AF6247 | $625 \times 475 \times 130$ | $590 \times 440 \times 120$ | 31 | 4 MP | 64 |

Stackable crate with special dimensions.
Not compatible with the Europa series.

# EUROPA SERIES ACCESSORIES ※ $600 \times 400 \mathrm{~mm}$ 

## LIDS



| Code | Outside <br> dimension mm | Pieces per <br> pallet |
| :--- | :---: | :---: |
| COPE64N | $600 \times 400 \times 20$ | 700 |

Lid providing support.

| Code | Outside <br> dimension mm | Pieces per <br> pallet |
| :--- | :---: | :---: |
| COPE64N C/G | $600 \times 400 \times 20$ | 700 |

Lid with hooks.


| Code | Outside <br> dimension mm | Pieces per <br> pallet |
| :--- | :---: | :---: |
| COPEN64 | $610 \times 410 \times 45$ | 700 |

With its upturned lip, the lid provides a perfect fit for the crates.
Suitable for crates with height from 260 to 350 mm .

## TROLLEYS



Code

CARE/I
Stainless steel trolley.
$\qquad$
CARE/P

Plastic trolley.

## EUROPA 400x300 SERIES

Exceedingly sturdy, compact, indispensable, user-friendly - ideal for handling small objects or for storage in restricted spaces, the Europa $400 \times 300 \mathrm{~mm}$ series is a versatile solution for logistical needs within many sectors of application. Each crate was devised to ensure maximum stability through efficient, balanced design. The product is available with solid or perforated sides, lids with or without hooks, and various bottom and handle typologies.


## EUROPA SERIES $400 \times 300 \mathrm{~mm}$

## Height 120-320 mm

## E SERIES

Closed bottom and closed sides


| Code | Bottom | Inside <br> dimension mm | Liters | 2ME | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| E4312 | T | $370 \times 270 \times 107$ | 12 | $\bullet$ | 180 |
|  | S4317 | S | $370 \times 270 \times 117$ | 12 | $\bullet$ |
| E4322 | T | $370 \times 270 \times 157$ | 17 | $\bullet$ | 180 |
|  | S | $370 \times 270 \times 167$ | 17 | $\bullet$ | 130 |
| E4332 | T | $370 \times 270 \times 207$ | 22 | $\bullet$ | 130 |
|  | S | $370 \times 270 \times 217$ | 22 | $\bullet$ | 100 |

## EC SERIES

Closed bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 2ME | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EC4312 | T | $370 \times 270 \times 107$ | 12 | $\bullet$ | 180 |
|  | EC4317 | S | $370 \times 270 \times 117$ | 12 | $\bullet$ |
| EC4322 | T | $370 \times 270 \times 157$ | 17 | $\bullet$ | 180 |
|  | S | $370 \times 270 \times 167$ | 17 | $\bullet$ | 130 |
| EC4332 | T | $370 \times 270 \times 207$ | 22 | $\bullet$ | 130 |
|  | S | $370 \times 270 \times 217$ | 22 | $\bullet$ | 100 |

## EF SERIES

Perforated bottom and perforated sides


| Code | Bottom | Inside <br> dimension mm | Liters | 2 ME | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| EF4312 | $\mathbf{U}$ | $370 \times 270 \times 117$ | 12 | $\bullet$ | 180 |
| EF4317 | $\mathbf{U}$ | $370 \times 270 \times 167$ | 17 | $\bullet$ | 130 |
| EF4322 | $\mathbf{U}$ | $370 \times 270 \times 217$ | 22 | $\bullet$ | 100 |
| EF4332 | $\mathbf{U}$ | $370 \times 270 \times 317$ | 32 | $\bullet$ | 70 |

# EUROPA SERIES ACCESSORIES £ $400 \times 300 \mathrm{~mm}$ 

## LIDS



| Code | Outside <br> dimension mm | Pieces per <br> pallet |
| :--- | :---: | :---: |
| COPE43N C/G | $400 \times 300 \times 20$ | 540 |

With hooks.

| Code | Outside <br> dimension mm | Pieces per <br> pallet |
| :--- | :---: | :---: |
| COPE43N S/G | $400 \times 300 \times 20$ | 560 |

Without hooks.

## BL SERIES

The BL series is made up of sturdy storage polyethylene crates. The series' angled open-mouth form facilitates access to the objects inside. These readily stackable pieces are durable and resistant against many types of oils, greases, acids and solvent substances, and against extreme temperatures (from $-40^{\circ} \mathrm{Ct}+80^{\circ} \mathrm{C}$ ). The vertical reinforcing elements on the sides and back prevent the deformation of the item also when subjected to heavy loads. This ergonomic line includes front and back hand grip. BL series crates may be suspended on mobile racks or shelved, thanks to the edge included for this purpose. Space is provided for a label, facilitating identification.


## BL SERIES



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Load <br> kg | Hanging <br> load kg | Colour |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| BL16BL | $105 \times 167 \times 82$ | $90 \times 140 \times 73$ | 1 | 3 | 3 | blue |
| BL16RS | $105 \times 167 \times 82$ | $90 \times 140 \times 73$ | 1 | 3 | 3 | red |
| BL23BL | $144 \times 237 \times 123$ | $120 \times 205 \times 113$ | 4,5 | 10 | 6 | blue |
| BL23RS | $144 \times 237 \times 123$ | $120 \times 205 \times 113$ | 4,5 | 10 | 6 | red |
| BL35BL | $205 \times 345 \times 164$ | $178 \times 300 \times 154$ | 12 | 20 | 10 | blue |
| BL35RS | $205 \times 345 \times 164$ | $178 \times 300 \times 154$ | 12 | 20 | 10 | red |
| BL50BL | $298 \times 485 \times 189$ | $260 \times 440 \times 176$ | 30 | 35 | 13 | blue |
| BL50RS | $298 \times 485 \times 189$ | $260 \times 440 \times 176$ | 30 | 35 | 13 | red |

## N SERIES

There is a $180^{\circ}$ difference between nesting and stacking. If positioned in one direction, N series crates can be readily nested, thus saving space. However, by rotating by $180^{\circ}$, the pieces can then be stacked so that the content remains inside them, thus making for optimal management of goods, handling times and general logistics. These pieces can be provided with closed or perforated sides.


## N SERIES

## N SERIES

Closed bottom and closed sides


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Handles | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| N6420 | $600 \times 400 \times 200$ | $560 \times 368 \times 197$ | 32 | MP | 150 |
| N6430 | $600 \times 400 \times 300$ | $560 \times 368 \times 297$ | 49 | MP | 100 |

## NC SERIES

Closed bottom and perforated sides


## NF SERIES

Perforated bottom and perforated sides


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Handles | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| NF6420 | $600 \times 400 \times 200$ | $560 \times 368 \times 197$ | 32 | MP | 150 |
| NF6430 | $600 \times 400 \times 300$ | $560 \times 368 \times 297$ | 49 | MP | 100 |

Europa 600x400 series lids (p. 50) can be used on N, NC and NF series crates.

## NFL SERIES

Perforated bottom and perforated sides


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Handles | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: | :---: |
| NF6415L | $600 \times 400 \times 150$ | $568 \times 368 \times 147$ | 27 | MP | 225 |

Special dimensions. Not compatible with other $N$ series crates.

## S SERIES

This is a major classic product for bakery and food sector use. The S series is made up of stackable crates with external handles, a closed bottom and closed sides. These crates are ideal for dough and fresh pastries of all kinds, since they are readily cleanable and safely hygienic. The handles facilitate rapid manual handling operations. The lids, available for all dimensions, assure perfect seal and hygiene.


## S SERIES

## S SERIES

Closed bottom and closed sides

|  | Code | Outside dimension mm | Inside dimension mm | Liters | Handles |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | SB3 | $380 \times 170 \times 65$ | $365 \times 155 \times 58$ | 3 | ME |
|  | SB10 | $430 \times 320 \times 95$ | $392 \times 290 \times 91$ | 10 | ME |
|  | SB16 | $540 \times 350 \times 110$ | $515 \times 325 \times 100$ | 16 | ME |
|  | SB22 | $480 \times 410 \times 140$ | $426 \times 378 \times 137$ | 20 | ME |
|  | S2 | $450 \times 315 \times 200$ | $380 \times 280 \times 192$ | 20 | ME |
|  | S3 | $520 \times 420 \times 200$ | $450 \times 380 \times 192$ | 30 | ME |
|  | S4 | $625 \times 370 \times 260$ | $560 \times 330 \times 252$ | 46 | ME |
|  | S5 | $740 \times 440 \times 210$ | $700 \times 400 \times 200$ | 56 | ME |
|  | S6 | $620 \times 400 \times 300$ | $550 \times 370 \times 285$ | 60 | ME |
|  | S7 | $730 \times 440 \times 310$ | $650 \times 395 \times 300$ | 72 | ME |
|  | SA10 | $600 \times 500 \times 445$ | $535 \times 450 \times 430$ | 100 | ME |
|  | S10 | $740 \times 440 \times 400$ | $700 \times 400 \times 380$ | 100 | ME |
|  | S13 | $830 \times 570 \times 355$ | $760 \times 530 \times 345$ | 130 | ME |

## LIDS



| Code | Outside <br> dimension mm |  |
| :--- | :--- | :--- |
| COPS4 | $625 \times 370 \times 30$ | Lid for crate S4 |
| COPS7 | $730 \times 440 \times 34$ | Lid for crate S7 |



| Code | Outside <br> dimension mm |  |
| :--- | :--- | :--- |
| COPSA10 | $600 \times 500 \times 20$ | Lid for crate SA10 |

## S SERIES

## SL SERIES

Closed bottom and closed sides

|  | Code | Outside <br> dimension mm | Inside <br> dimension mm | LitersPieces per <br> pallet |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | SL1 | $650 \times 427 \times 65$ | $600 \times 400 \times 60$ | 18 | 180 |
| SL2 | $650 \times 427 \times 115$ | $600 \times 400 \times 110$ | 26 | 90 |  |
| SL3 | $650 \times 427 \times 83$ | $600 \times 400 \times 80$ | 19 | 120 |  |

## LIDS



| Code | Outside <br> dimension mm |  |
| :--- | :--- | :--- |
| COPSL | $665 \times 445 \times 30$ | Lid for SL series |

## SERIE S



## SLX SERIES

Closed bottom and closed sides

Stackable containers, with sealed base and sides. The SLX series can be stacked both one on top of the other and cross-stacked, at a $90^{\circ}$ angle, thanks to the special hooks. This allows air to circulate in the containers, making them ideal for the rising process or any other application that requires the circulation of air, without sacrificing space.


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Pieces per pallet |
| :--- | :---: | :---: | :---: | :---: |
| SLX1 | $657 \times 455 \times 83$ | $600 \times 400 \times 72$ | 18 | 135 |

## SERIES

The crates of the I series are produced in low density polyethylene. They are ideal for the sector of production and distribution of fresh pastries of all kinds. They are also resistant against chemical agents. Suitable for food use, these crates are available with closed or perforated sides and lids for the various dimensions.


## I SERIES

## I SERIES

Closed bottom and closed sides

|  | Code | Outside dimension mm | Inside dimension mm | Liters | Pieces per pallet |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 14 | $570 \times 360 \times 340$ | $502 \times 312 \times 330$ | 40 | 350 |
|  | 16N | $660 \times 450 \times 340$ | $594 \times 402 \times 330$ | 60 | 250 |
|  | 110 | $780 \times 520 \times 400$ | $685 \times 480 \times 380$ | 100 | 90 |

## IC SERIES

Closed bottom and perforated sides


LIDS


| Code | Outside <br> dimension mm | Inside <br> dimension mm |  |
| :--- | :---: | :---: | :--- |
| COPI4 | $590 \times 370 \times 20$ | 250 | Lid for I/IC4 series |



| Code | Outside <br> dimension mm | Inside <br> dimension mm |  |
| :--- | :---: | :---: | :---: |
| COPI6N | $680 \times 475 \times 20$ | 200 | Lid for I/IC6 series |

## R <br> SERIES

Practicality is sometimes a matter of how you look at things. $R$ series crates can be transformed from stackable to nesting by quite simply rotating them $180^{\circ}$, thus saving space and practically doubling in height the number of crates storable in a given space. Practical and resistant since they are made out of high density polyethylene (HDPE), these pieces are suitable for use in the food sector and many other industrial sectors.


## R SERIES

## R SERIES

Closed bottom and closed sides


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: |
| R5 | $555 \times 410 \times 300$ | $480 \times 370 \times 270$ | 50 | 60 |
| R6 | $630 \times 440 \times 335$ | $520 \times 395 \times 310$ | 65 | 60 |
| R8L | $620 \times 490 \times 375$ | $544 \times 467 \times 340$ | 80 | 60 |

## RC SERIES

Closed bottom and perforated sides

|  | Code | Outside dimension mm | Inside dimension mm | Liters | Pieces per pallet |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | RC5 | $555 \times 410 \times 300$ | $480 \times 370 \times 270$ | 50 | 60 |
|  | RC6 | $630 \times 440 \times 335$ | $520 \times 395 \times 310$ | 65 | 60 |
| $\underbrace{\text {-1in!itilitil }}$ | RC8 | $620 \times 490 \times 355$ | $544 \times 440 \times 340$ | 80 | 60 |
|  | RC8L | $620 \times 490 \times 375$ | $544 \times 467 \times 340$ | 80 | 60 |
|  | RC8B | $620 \times 490 \times 355$ | $555 \times 440 \times 340$ | 80 | 60 |
|  | RC13 | $780 \times 500 \times 420$ | $680 \times 430 \times 410$ | 130 | 33 |

## RF SERIES

Perforated bottom and perforated sides


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Pieces per <br> pallet |
| :---: | :---: | :---: | :---: | :---: |
| RF8 | $620 \times 490 \times 355$ | $555 \times 440 \times 340$ | 80 | 60 |
| RF8L | $620 \times 490 \times 375$ | $544 \times 467 \times 340$ | 80 | 60 |

LIDS


| Code | Outside <br> dimension mm | Pieces per <br> pallet |
| :--- | :---: | :---: |
| COPR8 | $620 \times 490$ | 48 |
| COPR13 | $780 \times 500$ | 80 |

# HAMBURGER BUNS 

A series of polypropylene crates has been devised, dedicated for fast food chain use for transport of hamburger buns. Transfer from bakeries to retail outlets is simplified, since standard $600 \times 400 \mathrm{~mm}$ pans can be contained and the baskets can be transported on standard trolleys. The bottom and perforated sides assure optimal air circulation for storing the buns. Optimal resistance is assured thanks to the premium materials used for construction, ideal for the food sector.


## HAMBURGER BUNS

## RF FOR HAMBURGER BUNS

Perforated bottom and sides


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters | Pieces per pallet <br> $1100 \times 1300 \mathrm{~mm}$ |
| :--- | :---: | :---: | :---: | :---: |
| RF260 | $640 \times 540 \times 118$ | $610 \times 510 \times 90$ | 31 | 252 |
|  |  |  |  |  |
| RF261 | $640 \times 540 \times 90$ | $612 \times 512 \times 70$ | 19 | 252 |
|  |  |  | 252 |  |
| RF263 | $640 \times 540 \times 80$ | $610 \times 510 \times 63$ | 20 | 250 |


| RF264 | $655 \times 450 \times 150$ | $615 \times 410 \times 130$ | 33 | 168 |
| :--- | :--- | :--- | :--- | :--- |


| RF265 | $640 \times 540 \times 96$ | $610 \times 510 \times 76$ | 24 | 252 |
| :--- | :--- | :--- | :--- | :--- |


| RF267 $640 \times 540 \times 126$ | $606 \times 506 \times 100$ | 30 | 268 |
| :--- | :--- | :--- | :--- | :--- |

## TROLLEY



| Code | Pieces per <br> pallet |  |
| :--- | :---: | :--- |
| CARRF260/1 | 64 | To transport RF260/261/263/265 |

Brown or blue (standard colours).


Code

## VEGISLAND

Modular exhibition spaces for the presentation of fruit and vegetables.
The display islands are quick and easy to set up, quick to move thanks to the trolley system on wheels, and hygienic and safe for customers. With an additional advantage: the system is designed to allow for easy access and ensure effective cleaning. The modular structure makes them ideal for any size or space requirement. Display islands and containers are available in customised colours.

## DISPLAY ISLAND



Available in $\mathbf{3}$ different colours: mustard, beige and brown

PP panels

Possibility to combine different units to meet every display need

4 different possibilities for the composition of the display units:
(1) panels on all 4 sides (independent display island)

2) panels on 3 sides
(multi-unit display island)
(3) panels on 3 sides
(multi-unit display island)
(4)
panels on 2 short sides
(multi-unit display island)


## INCLINED SINGLE UNIT WITH 2 BASKETS



INCLINED SINGLE UNIT WITH 3 BASKETS


## FLAT SINGLE UNIT WITH 2 BASKETS



## FLAT SINGLE UNIT WITH 3 BASKETS



## PALLETS

The pallets present a considerable load capacity, uniformly distributed across the load-bearing surface. They are resistant and lightweight. The surface has been finished for greater friction and safer handling. These pallets are ideal for worldwide transport since no phytosanitary treatment is required and no dampness problems arise. They are readily stackable thanks to the welldesigned base and feet.

## STACKABLE PALLETS



| Code | Outside <br> dimension mm | Static load kg | Dynamic <br> load kg | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: |
| PL | $800 \times 1200 \times 135$ | 1800 | 600 | - |
| P4 | $800 \times 1200 \times 150$ | 4000 | 1500 | 3 |
| P7 | $1000 \times 1200 \times 150$ | 4000 | 1500 | 3 |

## ECOPALLET



| Code | Outside <br> dimension mm | Static load kg | Dynamic <br> load kg | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: |
| ECOPL8060 | $600 \times 800 \times 155$ | 700 | 300 | 160 |


| Code | Outside <br> dimension mm | Static load kg | Dynamic <br> load kg | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: |
| ECOPL80120 | $800 \times 1200 \times 150$ | 1600 | 800 | 60 |
| P10NR | $1000 \times 1200 \times 150$ | 1600 | 800 | 60 |

## PALLET H1



| Code | Outside <br> dimension mm | Static load kg | Dynamic <br> load kg | Pieces per <br> pallet |
| :--- | :---: | :---: | :---: | :---: |
| HYPL80120 | $800 \times 1200 \times 160$ | 5000 | 1250 | 18 |

# TANKS <br> AND BOXES 

The tanks and boxes can be used for any number of purposes. They are of considerable use for industrial handling operations. The tanks are very highly resistant containers for dough, with rounded, reinforced edges and smooth sides to facilitate cleaning. They can be provided with or without wheels. Special trolleys can be provided for them, in stainless steel, for tipping over. The boxes are user-friendly. They are made of a rigid material that gives them marked impact resistance and resistance also against intensive use. They are stackable and are available also with wheels, for handling particularly heavy loads.

## TANKS

## 会感



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters |
| :--- | :--- | :--- | :--- |
| VS2NNT | $800 \times 600 \times 680$ | $720 \times 540 \times 580$ | 210 |
| VS4NNT | $950 \times 700 \times 830$ | $890 \times 650 \times 705$ | 400 |
| VS6NNT | $1200 \times 920 \times 830$ | $1100 \times 820 \times 720$ | 550 |

## LIDS



| Code |  |
| :--- | :--- |
| COPVS2 | Accessories for tank VS2 |
| COPVS4 | Accessories for tank VS4 |

## TROLLEYS

| Code | Height <br> tank+trolley mm |  |
| :--- | :--- | :--- |
| CARVS2 | 880 | Accessories for tank VS2 |
| CARVS4 | 940 | Accessories for tank VS4 |
| CARVS6 | 980 | Accessories for tank VS6 |

TROLLEYS TO UNLOAD

| Code |  |  |
| :--- | :---: | :--- |
| Ø foot mm |  |  |
| CARRIB2 | 64 | Accessories for tank VS2 |
| CARRIB4 | 76 | Accessories for tank VS4 |
| CARRIB6 | 69 | Accessories for tank VS6 |

## BOXES



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters |
| :---: | :---: | :---: | :---: |
| G3 | $1000 \times 635 \times 645$ | $925 \times 580 \times 520$ | 300 |



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Liters |
| :--- | :---: | :---: | :---: |
| G5 | $1200 \times 800 \times 800$ | $1100 \times 735 \times 650$ | 530 |



## LIDS



Code
COPG3 Accessories for box G3


## Code

## BOXES

## TROLLEYS



## Code

CARG3
Accessories for box G3


## Code

# ECOLOGICAL CONTAINERS 

Within each company, all those products and solutions for the management of waste, processing residues and garbage are fundamental. Bins, tubs and pails complying with European regulations enable safe storage of solid and Liquid materials for various industrial sectors, maintaining the highest levels of hygiene. These ecological containers are made of high-quality plastics for nondeformability and for resistance to thermal stress and atmospheric agents. The pails in plastic include a graduated scale, reinforced hand grip and a handle in galvanized iron. The lip facilitates pouring.

## BINS



| Code | Liters | $\varnothing \mathrm{mm}$ | Height mm |
| :--- | :---: | :---: | :---: |
| B5 | 50 | 405 | 470 |
| B7 | 75 | 435 | 570 |
| B10 | 100 | 470 | 670 |

## LIDS



| Code |  |
| :--- | :--- |
| COPB5 | Lid for B5 bin |
| COPB7 | Lid for B7 bin |
| COPB10 | Lid for B10 bin |

## TUBS



| Code | Liters | $\varnothing \mathrm{mm}$ | Height mm |
| :--- | :---: | :---: | :---: |
| MAS55 | 60 | 550 | 400 |
| MAS60 | 80 | 600 | 430 |
| MAS70 | 120 | 700 | 510 |

## PAILS



| Code | Liters | $\varnothing \mathrm{mm}$ | Height mm |
| :--- | :---: | :---: | :---: |
| SE15 | 15 | 350 | 320 |
| SE18 | 18 | 370 | 340 |
| SE21 | 21 | 380 | 340 |
| SE30 | 30 | 390 | 350 |

TERMOBOX

The Termobox line of containers is ideal for horeca, restaurants and catering companies. These containers are extremely lightweight and excellently maintain the temperatures of dishes and other products contained. They are also resistant to wear and tear. Termobox containers were designed to ensure safety above all, during both goods handling and storage operations. They maintain temperatures of less than $+4^{\circ} \mathrm{C}$ or higher than $65^{\circ} \mathrm{C}$ for many hours during storage and transport operations. The containers are readily cleanable. Potential cross-contamination is curbed. Thanks to these characteristics, this line of products has been extremely successful.
$\theta$
$00^{\circ}$
8

Thanks to this material's extraordinary structural strength, these Thanks to this materials extraordinary structural
containers can bear heavy loads with no deformation.
$\square$
09

SKI
E
Lightweight, and manufactured in EPP (foam polypropylene). The performance ratings of this environmentally compatible material are impressively high.

Since these containers are chemically inert, they are impervious to oils, greases and most chemical substances.

Markedly impact resistant, with no damage ensuing, thanks to the optimal level of absorption of mechanical energy.

Washable in washing machines.
Suitable for food products.
100\% recyclable.

## TOP-LOADER TERMOBOX

Top-loader Termobox containers are the outcome of an exclusive design idea, capable of saving up to $30 \%$ available space. The grooves in the internal sides of Termobox containers facilitate loading and unloading the GN $1 / 1$ and $1 / 2$ trays. A pre-stamped space may be used to add ID labels. The handles are ergonomic, thus facilitating safe lifting. Stackability is assured, also with containers of third parties present within the marketplace.



## Ergonomic handles

for safe handling

Storage of hot foods


Storage of cold foods


## TOP-LOADER TERMOBOX

FOR GN 1/2 HOLDING


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Unit weight <br> kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB4326 | $390 \times 330 \times 257$ | $330 \times 270 \times 193$ | 0,62 | 16,9 |



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Unit weight <br> kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB4332 | $390 \times 330 \times 316$ | $330 \times 270 \times 253$ | 0,70 | 22,3 |

FOR GN 1/1 HOLDING


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Unit weight <br> kg | Liters |
| :--- | :--- | :--- | :--- | :--- |
| TB6426 | $600 \times 400 \times 257$ | $538 \times 338 \times 195$ | 1,07 | 35,5 |



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Unit weight <br> kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB6432 | $600 \times 400 \times 316$ | $538 \times 338 \times 254$ | 1,20 | 46 |

## STACKABLE FOR GN 1/1 HOLDING



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Unit weight <br> kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB6432N | $600 \times 400 \times 316$ | $538 \times 338 \times 254$ | 1,13 | 43 |

$30 \%$ space saving thanks to the internal stacking design solution.

## TOP-LOADER TERMOBOX

FOR CRATES FOR BAKERY PRODUCTS


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Weight kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB7527 | $690 \times 490 \times 270$ | $625 \times 425 \times 205$ | 1,40 | 53 |



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Weight kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB7537 | $690 \times 490 \times 370$ | $625 \times 425 \times 305$ | 1,70 | 80 |

## FRONT-LOADER TERMOBOX

Front-loader Termobox containers are a solution designed for practicality and user-friendliness. A division is provided for eutectic plates or icing boxes. The division is fitted on the inner back side in order to curb dripping and condensation from above, and in order to enable uniform distribution of the temperature desired within the box as a whole. The top includes a perimeter hand grip for safe, convenient handling on all 4 sides. Opening and closing are facilitated by inclusion of the door with rounded edges. The door can be opened to $270^{\circ}$ thanks to the hinges and snap latch in nylon. The door can remain open to the side of the front-loader, thus facilitating access to the products. The snap latches ensure that the containers remain safely closed during transport operations. Frontloader Termobox containers are also non-drip, given the upturned lower lip. They are readily stackable even with containers from third parties.



Easy to open and close
Thanks to the rounded edges of the door
Simply identifiable
Use the space provided for labels

## Smart design

Inner division for eutectic plates or icing boxes, to distribute the temperature and prevent dripping


## Easy to handle

Perimeter hand grips to facilitate safe handling


Opening at $270^{\circ}$
Access to the products
facilitated by the door
that can be fully opened.
Reinforced closure.


## Anti-drip

The upturned lip on the bottom of the front prevents liquids from escaping.

## Storage of hot foods

Storage of cold foods


## FRONT-LOADER TERMOBOX

## WITHOUT RAIL



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Weight kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB7569 | $770 \times 540 \times 687$ | $615 \times 410 \times 585$ | 6,10 | 155 |

These multi-use containers without rail were designed for transporting crates, pans and trays ( $60 \times 40 \mathrm{~cm}$ ). These containers can also be modified for greater versatility with the inclusion of optional adjustable rails in stainless steel, KITADJR*, for transporting $60 \times 40 \mathrm{~cm}$ crates, trays and baking pans in the same unit.

* See the accessories.


## WITH 6 RAILS



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Weight kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB7569R6 | $770 \times 540 \times 687$ | $615 \times 410 \times 585$ | 6,34 | 126 |

The containers are available with 6 moulded built-in rails. The containers were designed to hold trays and $60 \times 40 \mathrm{~cm}$ pans in position during transport, with no worries about spillage or loss.

## WITH 9 RAILS



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Weight kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB7569R9 | $770 \times 540 \times 687$ | $615 \times 410 \times 585$ | 6,60 | 126 |

The containers are available with 9 moulded built-in rails. The containers were designed to hold trays and $60 \times 40 \mathrm{~cm}$ pans in position during transport, with no worries about spillage or loss.

## FRONT-LOADER TERMOBOX

## WITH ADJUSTABLE RAILS



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Weight kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB7569ADJR | $770 \times 540 \times 687$ | $615 \times 410 \times 585$ | 8,17 | 155 |

This exclusive multi-use container was designed with 2 sets of adjustable rails* in stainless steel enabling the operator to transport various containers including $60 \times$ 40 cm crates, trays and baking pans in the same unit.

* Additional rails may be purchased separately. See the accessories.


## FOR GN 1/1 TRAYS WITH 8 RAILS



| Code | Outside <br> dimension mm | Inside <br> dimension mm | Weight kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB6448 | $640 \times 440 \times 475$ | $535 \times 330 \times 370$ | 3,20 | 60 |

FOR GN 1/1 TRAYS WITH 12 RAILS


| Code | Outside <br> dimension mm | Inside <br> dimension mm | Weight kg | Liters |
| :--- | :---: | :---: | :---: | :---: |
| TB6463 | $640 \times 440 \times 625$ | $535 \times 330 \times 525$ | 3,90 | 86 |

## TERMOBOX ACCESSORIES

## ADJUSTABLE RAILS KIT

for TB7569


| Code | Dimension <br> mm | Weight <br> kg |
| :--- | :---: | :---: |
| KITADJR | $600 \times 10 \times 580$ | 2,07 |

The frames in stainless steel and the 2 sets of rails were designed to provide operators with the flexibility to adjust and create customized spaces between rails, according to their own needs.

## RAILS KIT

KITR for KITADJR


| Code | Dimension <br> mm | Weight <br> kg |
| :---: | :---: | :---: |
| KITR | $600 \times 30 \times 30$ | 0,42 |

The kit made up of 2 adjustable rails in stainless steel may be purchased separately in order to transport various articles in the same container.

## TROLLEYS

Code

| CARE/P | for TB6426, TB6432, TB6432N |
| :--- | :---: |
| CARE75/I | for TB7527, TB7537 |
| CARTB7569 | for TB7569 |
| CARTB6448-6463 | for TB6448 and TB6463 |

[^0]
## TERMOBOX ACCESSORIES

## ICING BOXES



| Code | Dimension <br> mm | Weight <br> kg |
| :--- | :---: | :---: |
| CP3226 | $325 \times 265 \times 30$ | 1,75 |
| CP5332 | $530 \times 325 \times 30$ | 3,90 |

The icing boxes were designed to prolong the time of low-temperature storage of food. Freeze the icing box in a horizontal position for one night and then place it vertically in the container.

## EUTECTIC PLATES



| Code | Dimension <br> mm | Weight <br> kg |
| :--- | :---: | :---: |
| HP5332 | $530 \times 325 \times 30$ | 3,25 |

The eutectic plates were designed to prolong the time of high-temperature storage of food. Submerge the plate in hot water for 35 minutes and then place it on the bottom of the container.

## LABELS FOR IDENTIFICATION



## Code

## IDL5

Coloured stickers provided to facilitate identification. Operators will find it easier to select container contents and their uses.

## COMPARTMENT TERMOBOX

Designed for home delivery, these items can contain 2 full meals (including hot or cold dishes, bread or fruit, drinks and cutlery). Compartment Termobox is ideal for use by catering companies, hotels, schools, hospitals, universities and collective entities in general. The separate compartments mean both hot and cold food products can be stored in full safety. This product was manufactured using ecological polypropylene with optimal heat-insulating properties. Compartment Termobox is therefore the ideal high-performance ratings solution for any number of food transporting operations, also thanks to the shockresistant and durable material.

## Maintenance of temperatures



| Code | Outside <br> dimension mm | Density <br> $\mathrm{gm} / \mathrm{l}$ | Thickness <br> mm | Weight <br> kg |
| :--- | :---: | :---: | :---: | :---: |
| TB4317C | $480 \times 350 \times 167$ | 30 | 21 | 0,40 |

## PRODUCT CODES

| EUROPA LOGI |  | EF6414L | p. 47 | SA10 | p. 59 | CARRIB6 | p. 75 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| COPE64N | p. 37 | EF6415 | p. 43 | SB3 | p. 59 | CARVS2 | p. 75 |
| COPEN64 | p. 37 | EF6415L | p. 48 | SB10 | p. 59 | CARVS4 | p. 75 |
| Dividers | p. 37 | EF6415LL | p. 49 | SB16 | p. 59 | CARVS6 | p. 75 |
| EL6412 | p. 36 | EF6417 | p. 43 | SB22 | p. 59 | COPG3 | p. 76 |
| EL6417 | p. 36 | EF6420 | p. 43 | SL1 | p. 60 | COPG5 | p. 76 |
| EL6422 | p. 36 | EF6422 | p. 43 | SL2 | p. 60 | COPVS2 | p. 75 |
| EL6432 | p. 36 | EF6424 | p. 43 | SL3 | p. 60 | COPVS4 | p. 75 |
| EUROPA FOLD |  | EF6426 | p. 44 | SLX1 | p. 61 | G3 | p. 76 |
| EA6422PPBL | p. 39 | EF6429 | p. 44 | I SERIES |  | G5 | p. 76 |
| EUROPA 600x |  | EF6432 | p. 44 | COPI4 | p. 63 | VS2NNT | p. 75 |
| AF6247 | p. 49 | EF6435 | p. 44 | COPI6N | p. 63 | VS4NNT | p. 75 |
| CARE/I | p. 50 | EF6441 | p. 45 | 14 | p. 63 | VS6NNT | p. 75 |
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| E6407 | p. 41 | E4317 | p. 52 | R SERIES |  | COPB7 | p. 79 |
| E6407L | p. 46 | E4322 | p. 52 | COPR8 | p. 65 | COPB10 | p. 79 |
| E6409L | p. 46 | E4332 | p. 52 | COPR13 | p. 65 | MAS55 | p. 79 |
| E6410 | p. 41 | EC4312 | p. 52 | R5 | p. 65 | MAS60 | p. 79 |
| E6413 | p. 41 | EC4317 | p. 52 | R6 | p. 65 | MAS70 | p. 79 |
| E6414L | p. 47 | EC4322 | p. 52 | R8L | p. 65 | SE15 | p. 79 |
| E6415 | p. 41 | EC4332 | p. 52 | RC5 | p. 65 | SE18 | p. 79 |
| E6415L | p. 48 | EF4312 | p. 52 | RC6 | p. 65 | SE21 | p. 79 |
| E6417 | p. 41 | EF4317 | p. 52 | RC8 | p. 65 | SE30 | p. 79 |
| E6420 | p. 41 | EF4322 | p. 52 | RC8L | p. 65 | TOP-LOADER TERM |  |
| E6422 | p. 41 | EF4332 | p. 52 | RC8B | p. 65 | TB4326 | p. 83 |
| E6424 | p. 41 | BL SERIES |  | RC13 | p. 65 | TB4332 | p. 83 |
| E6426 | p. 44 | BL16BL | p. 55 | RF8 | p. 65 | TB6426 | p. 83 |
| E6429 | p. 44 | BL16RS | p. 55 | RF8L | p. 65 | TB6432 | p. 83 |
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| E6441 | p. 45 | BL35BL | p. 55 | CARRF264 | p. 67 | TB7537 | p. 84 |
| E6445 | p. 45 | BL35RS | p. 55 | RF260 | p. 67 | FRONT-LOADER TER |  |
| EC6407 | p. 42 | BL50BL | p. 55 | RF261 | p. 67 | CARE/P | p. 89 |
| EC6407L | p. 46 | BL50RS | p. 55 | RF263 | p. 67 | CARE75/l | p. 89 |
| EC6409L | p. 46 | N SERIES |  | RF264 | p. 67 | CARTB7569 | p. 89 |
| EC6410 | p. 42 | N6420 | p. 57 | RF265 | p. 67 | CARTB6448-6463 | p. 89 |
| EC6413 | p. 42 | N6430 | p. 57 | RF267 | p. 67 | CP3226 | p. 90 |
| EC6414L | p. 47 | NC6420 | p. 57 | VEGISLAND |  | CP5332 | p. 90 |
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| EC6429 | p. 44 | COPSA10 | p. 59 | HYPL8012 | p. 73 | TB7569ADJR | p. 88 |
| EC6432 | p. 44 | COPSL | p. 60 | PL | p. 73 | TB7569R6 | p. 87 |
| EC6435 | p. 44 | S2 | p. 59 | P4 | p. 73 | TB7569R9 | p. 87 |
| EC6441 | p. 45 | S3 | p. 59 | P7 | p. 73 | COMPARTMENT TER |  |
| EC6445 | p. 45 | S4 | p. 59 | P10NR | p. 73 | TB4317C | p. 91 |
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| EF6407L | p. 46 | S6 | p. 59 | CARG3 | p. 77 |  |  |
| EF6409L | p. 46 | S7 | p. 59 | CARG5 | p. 77 |  |  |
| EF6410 | p. 43 | S10 | p. 59 | CARRIB2 | p. 75 |  |  |
| EF6413 | p. 43 | S13 | p. 59 | CARRIB4 | p. 75 |  |  |

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[^0]:    Trolleys for safely stacking and transporting various units as one operation.

