



Västrevångleden 2  
302 41 Halmstad, Sweden



Växel: 035 102480



post@ip-group.se  
www.ip-group.se



# IP-GROUP

# ROLL CAGE LOGISTIC



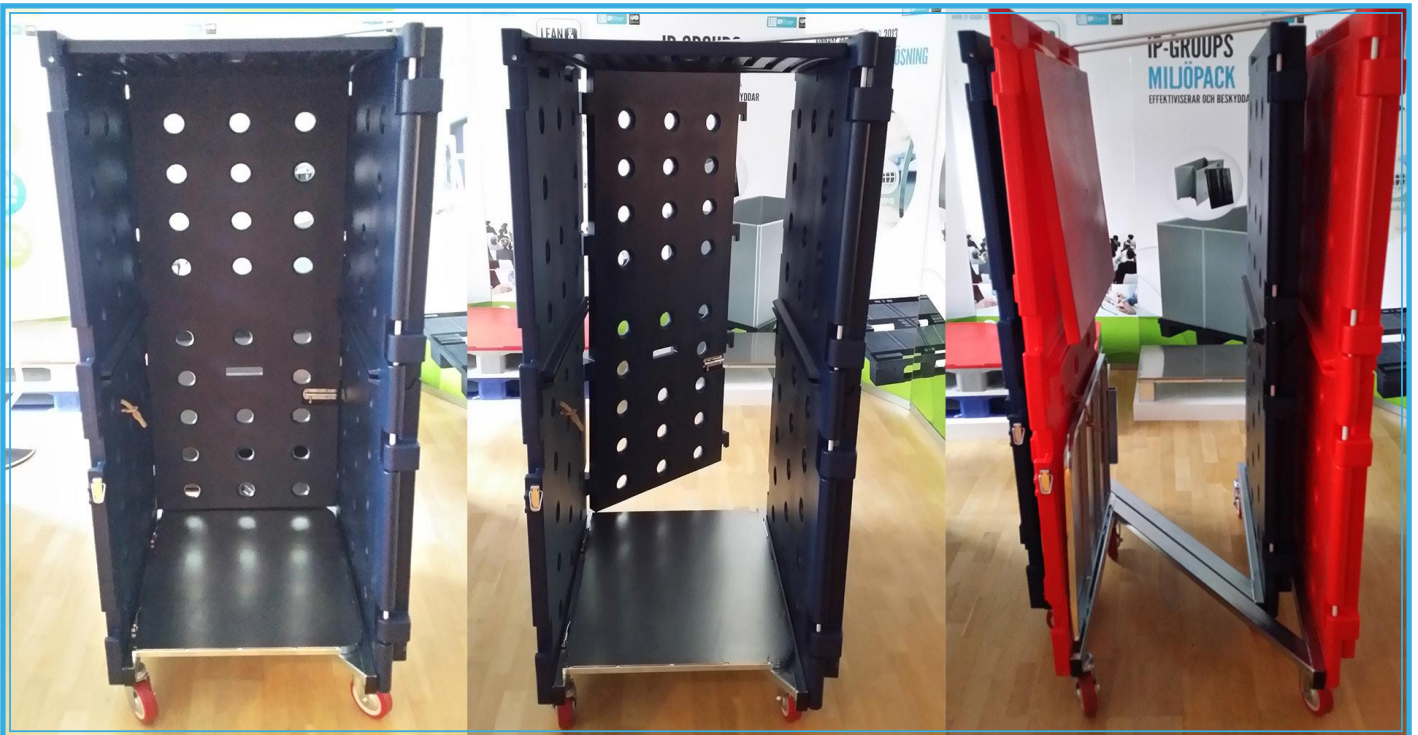
**ROLL CAGE LOGISTIC** PREPARED FOR:

- Hygienic Industri
- Food Industry
- Hospitals
- Airport handling
- Retail

# Fully Nestable Plastic Cage



The Roll Cage Logistic is the NEW plastic roll cage concept in the market. The new direction in smart materials handling, with efficiency, security and ease-of-use as the key focus points of the design - below are just some of the many features this product offers, proving its superiority over traditional steel cages every time.



## EFFICIENCY AND SECURITY

- Plastic composition making it hygienic, easy to clean and rust-free.
- Easy and safe to use - units are lightweight and easy to manoeuvre with smooth moulded handles and no jagged edges.
- Quiet - with durable sound-reduction rubber castors fitted as standard. These, combined with the plastic panels, eradicate the “rattling” noisiness associated with metal cages.
- Units feature a hinged stable door, each with its own independent locking mechanism, allowing for split “compartment” deliveries or additional security within the one unit using the optional shelf.

## SMART MATERIAL HANDLING

- Steel Z-Frame base to allow nesting of empty units for efficient storage and transportation.
- Option to massively reduce roll cage fleet wastage due to theft or loss by having your units manufactured in your corporate colours, or even with your logo moulded into the side of the panels. This can also work well for operational colour-coding or branding.

# Applications



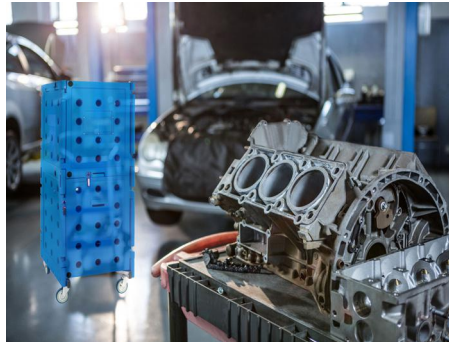
## AIRPORT HANDLING DISTRIBUTION

Retailers and food & beverage users within terminal buildings can send their order requirements to Distribution Center, who then fill the cages with the appropriate items. The cages can then be put through an x-ray scanning machine and delivered direct to airside.



## ELECTRICAL GOODS DISTRIBUTION

The plastic cages have the benefit of a smooth, seamless construction alongside high levels of rigidity, even when fully loaded. This makes these units perfectly suited to the movement of electrical goods, and other fragile items.



## AUTOMOTIVE DISTRIBUTION

The special qualities of a plastic rollcage, enables distribution of painted car parts requiring only minimum protection. Our Concept of Roll Cage Logistic have smooth surfaces and no sharpe edges.



## HIGH VALUE GODS

As units can be manufactured to order, they can be fitted with an optional RFID tracking chip, thus improving the security of goods being transported. The hinged doors allows for the compartments to be individually sealed, ideal if you are delivering to more than one retail outlet.



## HEALTHCARE DISTRIBUTION

The plastic rollcages are ideally suited to the distribution of medical supplies. A major advantage these cages hold over their metal counterparts are they are very easy to keep clean, and as added protection can be manufactured using an anti-microbial additive which kills viruses such as MRSA and E-Coli on contact.



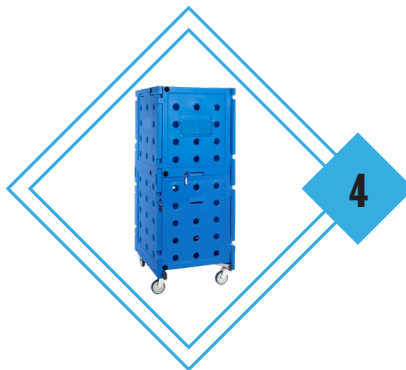
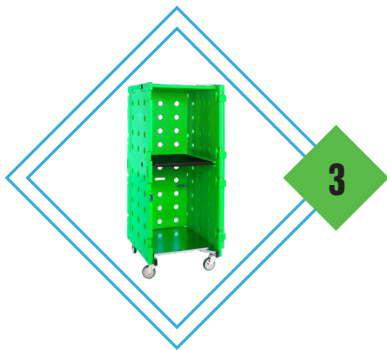
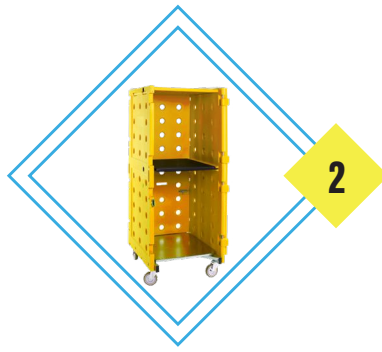
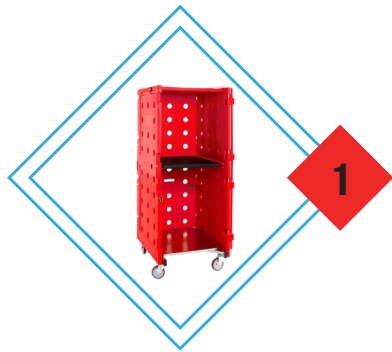
## HEALTHCARE DISTRIBUTION

The lightweight designs allow for the ease of transportation of goods, and the smooth sides and no sharp edges offer additional protection for all items.

# Applications



Many manufacturers and distributors of food and beverage items have greatly benefited from the fact that our plastic rollcages can be manufactured in any colour. This has allowed businesses to implement a standardised colour coding hygiene system, that can be tied into government guidelines regarding food safety standards

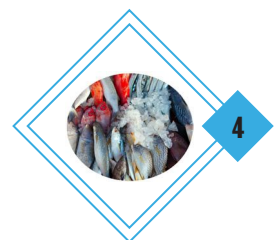
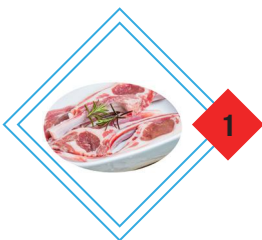


As colour-coding is proven to help in the prevention of cross-contamination, this system can also be used for the storage and distribution of various other products, such as recycling waste, general waste, cleaning materials etc.

The management of hygiene standards within an organisation is paramount, and another key feature of the plastic cage is that it can be power washed and disinfected. The units can even be made with an anti-microbial additive, which kills viruses and microbes on contact. Hygiene and cleanliness are an essential part of food and beverage distribution, as highlighted in the Government Food Hygiene Guidelines.

“When a container or vehicle is used to transport different foods or both food and non-food products at the same time, the products should be separated to protect against contamination”.

“When different products are transported in different loads, in the same container or vehicle the container should be cleaned effectively between loads to avoid contamination”.



**RED COLOR**

Raw Poultry and Meat



**YELLOW**

Cooked Meats and foods



**GREEN**

Vegetables and Fruits



**BLUE**

Raw Fish and seafood



# Features & Benefits



Our New Concept Roll Cage Logistic Plastic Cages were developed to address all the issues to steel roll cages to provide users with a high quality, cost-effective alternative.



## YOU GET 1

- Highly durable plastic construction which will not rust. It is easy to clean and can offer additional piece of mind through the optional addition of anti-microbial additives.
- The plastic panels are double-walled making them highly resistant to impact damage.
- Should the unit get damaged, its modular construction allows it to be quickly and easily repaired.
- The combination of plastic panels along with the use of sound-reducing rubber castors makes the unit quiet in use



## YOU GET 2

- The double-wall design and secure locking of each panel in the construction gives the unit a high level of rigidity even when fully loaded.
- The use of plastic makes the unit light, and the smooth running rubber castors make it easy to manoeuvre.
- The smooth seamless plastic construction makes the unit safe to use with no protrusions or finger traps. Moulded handles make the unit easy to pull or push.
- Being light and rigid, the unit remains stable even on uneven ground.



## YOU GET 3

- The simple hinge design for the doors, roof and base make the unit quick and easy to assemble, disassemble and nest.
- The all-plastic construction of the side panels and doors makes the unit ideal for use with x-ray security scanning equipment at airports, etc because the plastic does not cause shadowing of the image which occurs with metal rollcages.
- Full length locking door on one side, with split locking stable door in the other make the unit flexible to use.

# Features & Benefits



**Revolutionary Nestable Plastic Cages with huge benefits over existing steel cages. The Roll Cage Logistic Plastic Rollcages are suitable for wide variety of applications, where they have many advantages over conventional steel rollcages.**



## SECURITY SCANNING

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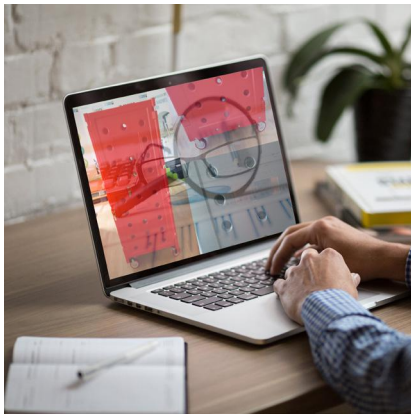


## THE NESTABLE ROLL CAGE CONCEPT

The Steel Z-Frame Base to allow nesting of empty units for efficient storage and return logistics. Concern for the environment and our customers' health and safety requirements take first priority when we develop new products. We focus on continuously improving all our processes to meet the high demands put on our products by our customers and other stakeholders









# Key Focus Points



The Roll Cage Logistics™ offers Efficiency, Security, Durability and Safety providing a Smart Materials Handling Solution.



-  **Plastic Composition** making it hygienic, easy to clean and rust-free  
Easy and Safe to use - units are lightweight and easy to manoeuvre, with smooth moulded handles and no jagged edges.
-  **Quiet** - with durable sound-reduction PU castors fitted as standard. These combined with the plastic panels considerably reduces the “rattling” associated with metal cages.
-  **Steel Z-Frame** Base to allow nesting of empty units for efficient storage and return logistics.
-  **Reduce** your roll cage fleet wastage due to theft or loss by having your units manufactured in your corporate colours.
-  **Logo** moulded into the side of the panels available. (Optional).  
**Hygienic** and easy to clean, and can have anti-microbial additive
-  Load Capacity up to 400Kg

# Options



A variety of options are available to customise the Roll Cage Logistic for your specific application.

## + Castors

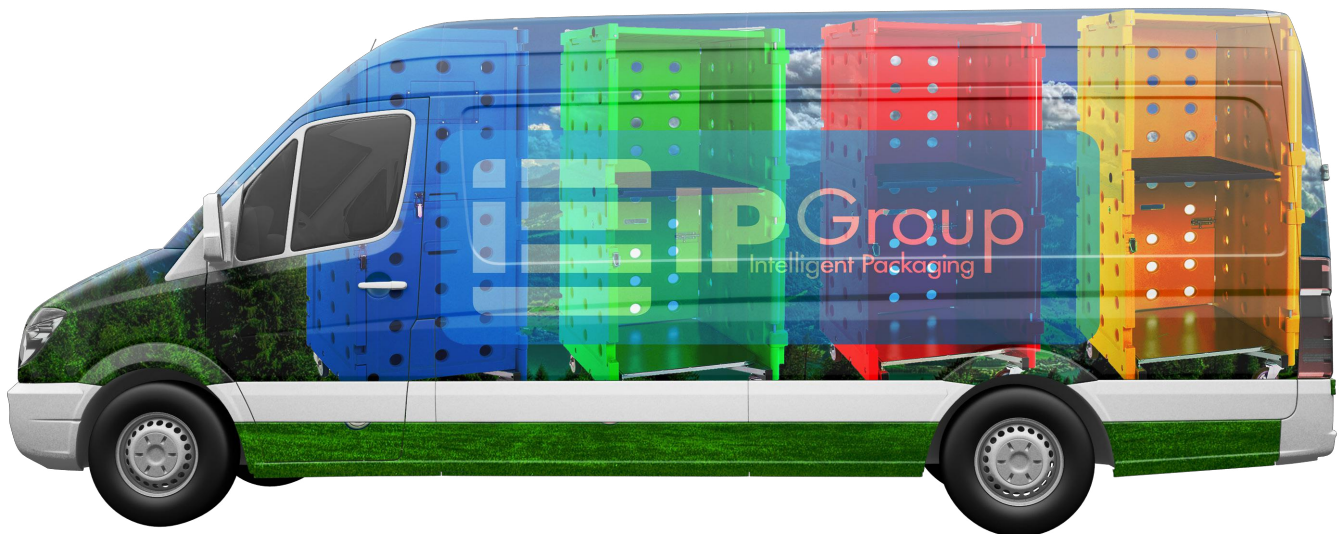
- Either two fixed & two swivel or four swivel castors
- Braked castors available
- Larger castors for rough ground

## + Shelving

- Robust plastic central shelf

## + Anti-Microbial

- Units can be made with an anti-microbial silver-based additive which kills viruses and microbes on contact, including MRSA, E-Coli and Strep.



## + Branding

- For a one-off fee you can own your own engraved plates with your logo or chosen inscription which allow units to be manufactured with your logo moulded-in to the side panels.

## + Colours

- Non-standard colours matched to a corporate colour

## + GPS and RFID

- We can add the best tracking technology to have fitted in your Roll Cage Logistic .



# Dimensions



Project 2018

IP-Group has projected Roll Cage Logistic in Euro pallet size. At larger volumes we will start production in 2018. We can tailor the solution to the customer's wishes based on a standard template



## Internal Dimensions

635mm W x 740mm D x 1555 mm H

## External Dimensions

715mm W x 900mm D x 1795/1820 mm H