



# Dock Shelters Catalogue

## One need. One solution.

Welcome to **Inkema**, the company specialising in goods loading and unloading points. It has a team with over 30 years of experience in the sector, highly qualified to design, produce and install the best solution for each case.

As manufacturers with our own **R&D+I department**, **Inkema** guarantees precise, robust and safe manufacture of all of its products, exceeding the demands of European standards and all at the tightest possible price and with optimal durability. However, **Inkema** does not settle with this and therefore innovation and research are 2 of its mainstays.

**Bienvenidos a Inkema.**

## High-quality protection.

All companies need to protect their goods from the weather and achieve the best possible isolation and cleanliness. It is therefore vital to install loading dock shelters in the facilities and therefore to ensure greater cleanliness inside.

In **Inkema** we have a wide range of dock shelters developed according to each customer's needs.

These **Inkema** dock shelters are an essential element in any loading bay thanks to their optimal seal and easy adaptation to any facility.

In this catalogue, we will see details of the different existing dock shelters, all equally practical, safe, functional and lasting, but specific to every need. The **Inkema** engineering department designs every shelter that comes out of our factories.



# Dock Shelters



Retractable dock shelter



Fix dock shelter



Dock shelter levelled with façade



Cold store dock shelter

## Flexibilidad y ahorro son conceptos compatibles

**Inkema dock shelters** are designed to always ensure the best possible thermal insulation and achieve energy savings while keeping the facility clean.

Thanks to the signalling system, truck approach operations to the loading bay are made easier, thus speeding up and making the loading and unloading manoeuvres more flexible.

The **dock shelter** is formed by the perimeter structure that holds a set of canvases that adapt to the truck's bodywork. The structure may be made in several materials, depending on the type of shelter: **retractable**, **fix**, **dock shelter levelled with façade**, **inflatable** or **cold store dock shelter**.

- **Retractable:** The set of canvases of the retractile shelter allows the truck box to be surrounded simply and quickly. The design enables the canvases to be folded in the event of an incorrect manoeuvre, to avoid any need for repairs.
- **Dock shelter levelled with façade:** This is installed directly on the façade to use the existing structure.
- **Fix:** Sometimes our customers need completely immobile shelters, and fixed shelters are the perfect solution.
- **Inflatable:** The perimeter canvases inflate to cover the whole of the truck box and adapt to different sizes. There are two different models of inflatable shelters: Premium and Large Volume. Each one has two sizes to choose from depending on the needs of the customer. These shelters offer the greatest possible thermal isolation and better facility hygiene.
- **Cold store dock shelter:** Designed always to ensure the best isolation during the loading and unloading process and to absorb possible impacts on the building.



Premium inflatable dock shelter

# Retractable Shelter

## Maximum protection, maximum energy savings.

**Inkema retractable dock shelters** with inclined roofs are formed by a **perimeter structure** that holds a series of canvases which adapt to the truck's bodywork.

This structure is **retractable** so that if any incorrect manoeuvre is performed by the truck, the shelter returns to its initial position.

The aim is to provide a **perfect seal** when loading and unloading to achieve considerable **energy savings** and the resulting **protection of the goods**.

**Inkema retractable dock shelters** are mainly made up of the following elements:

- **Structure:** Made in 2mm galvanised pipe connected by zinc bars and covered by a PVC canvas 0.5mm thick and very strong thanks to the interior flexible polyester mesh with which it is made.

This structure is inclined at the top of the shelter to ensure that any rainwater runs off freely.

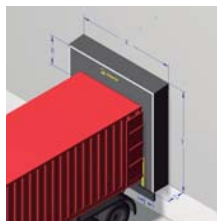
- **Canvases:** The unit comprises two side canvases, which will have bands printed to help in the truck manoeuvring, and an upper canvas to form the roof.

These canvases are made in two polyester section fabrics to facilitate collection, covered with 3mm of black PVC, resistant to knocks and scratching.

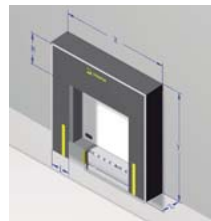
The other canvas has a welded reinforcement to avoid tearing in use and due to the weather conditions, which increases its durability and allows it to adapt perfectly to the box.



- 1 3mm thick PVC lined polyester canvases.
- 2 Perimeter structure in galvanised pipe.
- 3 Vertical reflective bands.



Truck coupling in retractable shelter



Retractable dock shelter structure



The retractile shelters are essential in any facility with loading and unloading operations.

## Flexibility with knocks

The **retractable dock shelters** have been designed especially to give added flexibility in loading and unloading operations with vehicles of different sizes. When transferring the goods, it also isolates the installation to save energy and increase the comfort of the work area.

### Safety

All dock shelters are provided with **vertical reflective bands** to facilitate carrier manoeuvres and to avoid collisions that damage facilities and trucks.



- 4 Upper welded reinforcement to increase durability.
- 5 Inclination for rainwater to run off.
- 6 Flexible surrounding canvas 0.5mm thick.

## Fix Shelter

### Functionality and efficacy: the perfect combination.

Some companies require completely immobile dock shelters for their facilities, and in this case the fix dock shelter is the solution.

The **Inkema fix dock shelter** is formed by a perimeter structure which holds a set of canvases to form a small tunnel that adapts perfectly to the truck's bodywork.

The aim of the **Inkema fix dock shelter** is to give a perfect seal when loading and unloading to achieve significant energy savings and to protect the goods.



Exclusive models for special applications

## Dock Shelter levelled with façade

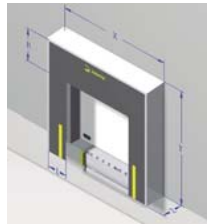
### When a dock shelter adapts to all of your needs.

Inkema's dock shelter levelled with façade is formed in exactly the same way as the retractable dock shelter with a perimeter structure holding a set of canvases which adapt perfectly to all kinds of trucks.

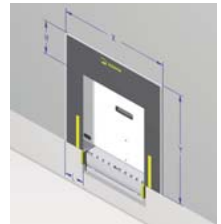
These canvases are built into the façade with a simple frame. Their PVC curtains are fitted directly on the front aluminium profile.



Suitable for a wide range of truck sizes.



Fixed dock shelter structure



Dock shelter levelled with façade

Dock Shelters	Retractable	Fix	Levelled with façade
Width (X)	3200, 3400	3200, 3400	3200, 3400
Height (Y)	3200, 3400, 3600, 4400	3200, 3400, 3600, 4400	3200, 3400, 3600, 4400
Depth (Z)	600	600	600
Side canvas width (L)	600	600	600
Top canvas height (H)	1000/1500	1000/1500	1000/1500

Technical characteristics of the retractable, fix and levelled with façade (mm).



# Inflatable Shelters

## Excellent seal.

**Inkema Inflatable Dock Shelters** are designed to always ensure an optimal seal during the loading and unloading process.

In Inkema we make two types of **Inflatable shelters**:

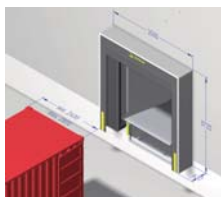
- **Premium Inflatable Shelter:** Formed by 3 inflatable canvases that fold tidily inside the shelter.
- **Big Volume Inflatable Shelter:** A dock shelter made with 3 large, high durability inflatable bags.

The perfect adaptation of our inflatable dock shelters to the truck blocks provides considerable energy savings by thermally isolating the exterior and providing greater interior hygiene, always without affecting the comfort and flexibility of the manoeuvre.

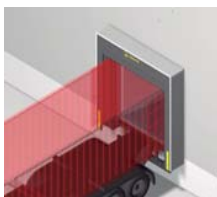
The air bag folds into the sides when the shelter is not being used in order to avoid tearing and to make manoeuvring easier.

## 2 Sizes of inflatable shelter to choose

- **Standard Shelter:** 3500 mm wide by 3750 mm high, to adapt to large and medium-sized trucks.
- **Mini Shelter:** This is smaller than the standard shelter, 2700 mm wide x 2800 mm high. Suitable for most vans and small trucks.



Size of the Standard Inflatable Dock Shelter



Optimal seal for most trucks

**Technical specifications:** The inflatable dock shelters are provided with an inflatable coupling system using an air turbine. They include a single phase low pressure fan and an elastic unit to bring the dock shelter back to its initial position.

**Inkema inflatable dock shelters** mainly comprise the following:

- **Structure:** The two types of inflatable shelters are built with a panel structure and 40 mm anodised aluminium finishes.
- **Canvases:** The set of inflatable canvases of the Premium shelter are made with a reinforced polyester fabric of 900gr/m<sup>2</sup>. The front canvases are made with a double inner polyester fabric and PVC single line weft 3 mm thick.

The inflatable bags of the **Big Volume Inflatable Shelter** are made in 70% PVC lined with polyester and 30% polyethylene.

## Premium Inflatable Shelter



Premium Inflatable Shelter, uninflated (standard size)



Premium Inflatable Shelter, inflated (standard size)

### BASIC TECHNICAL DETAILS

- **Structure:** Panel 40mm.  
Material: Anodised aluminium.
- **Max size:** 3500mm x 3720mm (standard).  
2700mm x 2800mm (mini).
- **Inflatable canvases:** 70% polyester lined PVC.  
30% Polyamide.
- **Inflating:** Air turbine with fan.
- **Deflating:** Motor and counterweight system.

Inflatable Shelters	Standard Size	Mini Size
Width (X)	3500	2700
Height (Y)	3750	2800
Depth (Z)	1000	1000
Side canvas width (L)	650	650
Top canvas height (H)	1000/1500	1000/1500

Types of sizes for the 2 models of inflatables shelters

# Cold Store Shelter

## Big Volume Inflatable Shelter



Big Volume Inflatable Shelter, inflated (mini size)



Big Volume Inflatable Shelter, inflated (mini size)

### BASIC TECHNICAL DETAILS

- Structure: Panel 40mm.  
Material: Anodised aluminium.
- Max size: 3500mm x 3720mm (standard).  
2700mm x 2800mm (mini).
- Inflatable canvases: 70% polyester lined PVC.  
30% Polyethylene.
- Inflating: Large volume fan motor.
- Deflating: Motor and polymer elastic rubbers  
(depending on top or side canvases).

## Customised solutions.

**Inkema Cold Store Dock Shelters** are formed by technical foam die with a high recoverability index, lined with a polyester canvas with PVC on both sides.

When a vehicle begins to approach the loading bay to unload, it leans on the dock shelter and compresses it. The result is the perfect adaptation of the dock shelter to the vehicle box, blocking all entry of air and external elements.

Thanks to the strong PVC covered polyester fabrics, **Inkema Cold Shelters** are prepared to withstand the continuous rubbing caused by the manoeuvres connecting the dock shelter to the truck.

**Inkema cold shelters** are mainly formed of the following:

- **Structure:** The rigid structure of Inkema Refrigerated Dock Shelters is achieved thanks to a wooden part of the same size as the shelter elements
- **Cushion-Canvases:** A shelter made of 3 cushions filled with foam rubber in the form of die, and lined with PVC canvas on the outside. The side and top cushions are 300 mm wide x 300 mm thick.

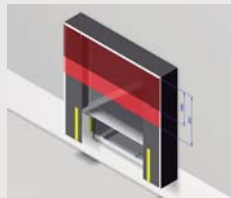


For bays in which all of the vehicles of the same size.

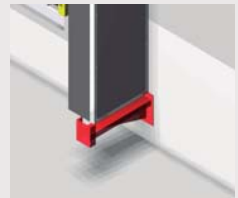
## Optimal performance

All **Inkema dock shelters** offer different optional performances to allow customers to customise the shelter according to their needs and demands.

There are mainly three ranges for **Inkema shelters**: Variation of the **Projection of the shelter**, **Height of the top canvases** and the possibility of adding **steel truck stops** to the loading bay.



Superior standard canvas of 1000mm, with length option of 1500 mm for fleets of different heights



Optional steel stop to protect the shelter and the façade of the building.

# Inkema Range

## A Wide Range to Satisfy All Needs.

**Inkema** is not only a specialist in dock shelters. Its 30 years' experience in the sector has led the company to increase its range of products to meet the needs of its customers in the best possible way in more than 72 countries.

**Inkema's range** of products brings together variety, innovation, functionality, quality, price and service. This is the result of the constant work of its different departments. The range

includes: loading bays, dock levellers, loading bridges, free standing frames and dock houses, dock shelters, scissor lift tables, industrial doors, high-speed doors and fire doors. All of the products can be made to a wide range of sizes and with the best options in each case.

Just contact the **Inkema** specialists and they will deal with meeting all of your needs.

Loading Bays



Loading Bridges



Scissor Lift Tables



Industrial Doors



High-Speed Doors



Fire Doors



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