



# **Free Standing Frames And Dock Houses Catalogue**

# One need One solution





Barcelona, Spain.



Timisoara, Romania.



## Welcome to Inkema.

**Inkema** is a specialist in providing integrated solutions for loading and unloading processes and the management of access through industrial enclosures. Our highly qualified team, with over 25 years of experience within the sector, designs, produces, installs and provides after-sales services for our entire product range: loading bays, scissor tables, yard ramps, industrial doors and dock shelters, among others.

A high quality product and quick service are the most valued characteristics by our customers, therefore our aim is to satisfy their needs by offering a customized and quick service, that offers the most suitable solution in each specific case.

**Inkema** products are used in all areas, in small workshops and food or automotive industry, as well as in large logistic

centres. Each customer has his own needs and each solution has its own specific characteristics. As a manufacturer with its own **R+D+I Department**, **Inkema** is able to guarantee the production of precise, robust, and safe products that comply with all the European standards, and always from the perspective of satisfying our customers' needs, with extremely reasonable prices and products of proven quality that offer users an excellent performance and durability.

A key to our success is innovation, and developing new products is one of our main concerns. For this reason we invite you to visit **[www.inkema.com](http://www.inkema.com)** and discover all the products and services we provide in order to satisfy your needs: our solution. Welcome to **Inkema**.

# Free standing frames and dock houses



## The best solutions outside the warehouse.

Inkemas' **free standing frames and tunnels** are designed specifically for each customer, to speed up the installation of a loading bay, improve the internal insulation of the warehouse and increase the storage capacity of the building.

The **free standing frame** is the metal structure that substitutes the pit. It supports the loading bay. It is supplied in different versions:



Without walkway



With one walkway



With two walkways

The **tunnel** system couples the building to the vehicle. The tunnels can be isothermal or normal.

The standard tunnel roof is formed by a special anti-drip ribbed panel with a slope that prevents the accumulation of water, allowing the rainwater to be drained into the drip tray at the front.

A shelter can also be added, to improve energy savings and thermal insulation between the building and the bay. There are different types of shelter:

- Retractable
- Fix
- Foam seal
- Inflatable

- 1 The structures have legs that are adjustable every 25 mm in order to adapt to different heights.
- 2 **Inkema isothermal structures and tunnels** improve working conditions and the operations of handling goods by providing considerable thermal insulation and hygiene.



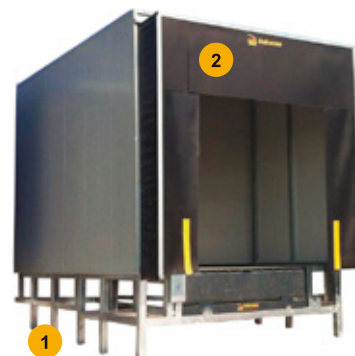
Sandwich panel



Prefabricated concrete



Metal enclosure



1

# Free standing frames and dock houses

## All in One



## An exclusive solution by Inkema.

**Inkema** has designed a standard solution for structures, ramps and tunnels: the **All in One**. A customized solution for each client, for extending loading points without having to execute any additional building work. All you have to do is decide where you want to put it.

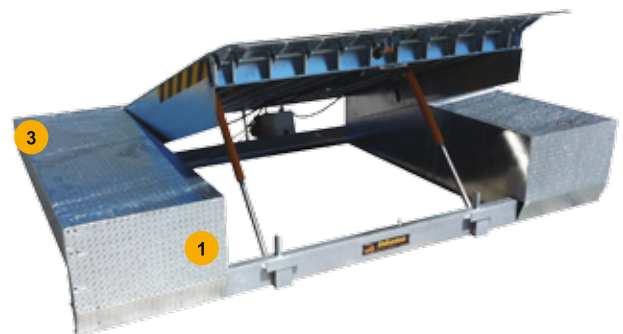
The **Inkema All in One** is composed by a free standing frame integrating the leveller. This solution is designed to make the transportation and installation process easier.

The main benefits of the **All in One** are:

- The free standing frame and ramp are **fully integrated** into one system.
- **Transportation is optimized** thanks to its standard size for conventional trucks.
- It can be installed **quickly and smoothly** due to its design, which integrates both the free standing frame and the ramp.

The operating system, characteristics and operability are fully compatible with the respective collapsible and retractable lip leveller models. For this reason the **All in One** is available with the **RH1** and **RH2** levellers.

- 1 The **All in One** can be galvanized, to increase its durability. Option available for any **Inkema** machine.
- 2 The structures have **legs** that are adjustable every 25 mm, thereby ensuring fast, safe and easy installation.
- 3 The **All in One** with the **RH1** leveller measures 2300 mm and the **All in One** and **RH2** leveller measures 2100 mm (in accordance to width of a conventional truck).



\* All the **All in One** machines comply with EU standards.

# Finishing

## Taking care of every detail.

The choice of finish is one of the most important decisions when choosing a loading bay. For this reason Inkema offers its customers different finishings.

### Painted

Carbon steel coated with a polyurethane (PU) base coat. The material to be painted is washed and degreased before applying the paint. Double-coat treatment, consisting of a base coat of primer and a finishing top coat. High resistance to corrosion and environmental agents. The standard colour used by Inkema is 7016 grey, based on the RAL colour chart. Obviously, customers have the option of other colours.



# Finishing

## Galvanized

Carbon steel immersed in a high temperature zinc bath. The material to be treated is washed and degreased beforehand and immersed in an acid bath for thorough cleaning of impurities and to enhance the black steel reactivity, and afterwards it is immersed in a liquid zinc bath at a temperature of about 450° C, to achieve the chemical adherence of the zinc to the steel. A homogeneous coating on all material is obtained as well as an excellent resistance to corrosion and environmental agents.



## Stainless steel

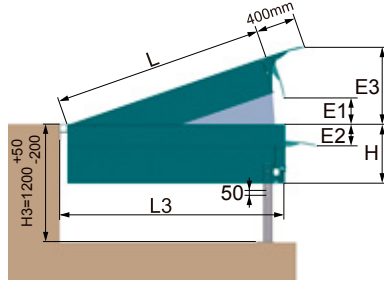
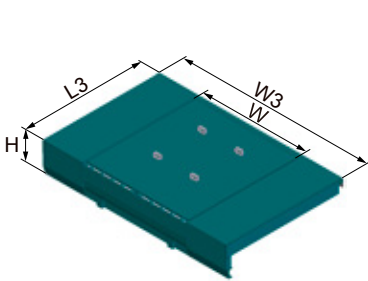
AISI-304 stainless steel. The product is entirely made of stainless steel, including the welding made with the appropriate flux material. The most resistant option for any aggressive environment. The material itself is rust-proof under normal environmental conditions and is an excellent option for food and pharmaceutical sector and for extrem weather conditions. Furthermore the product can also be made of AISI-316 stainless steel, which is of better quality and the best for the food sector.



# Technical specifications

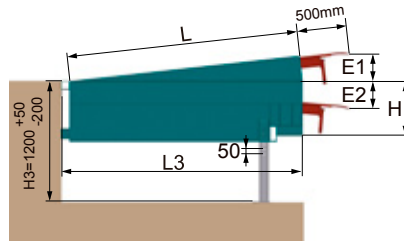
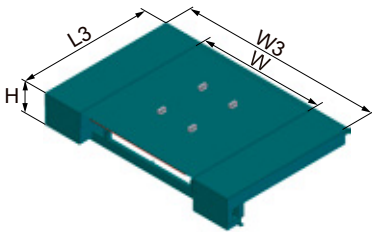
## All in One

### All in One RH1



	LIP	L	W	H	L3	W3	H3	E1	E2	E3	
2000	400	2140	2000	600	2300	3600	1200	+50 -200	260	245	780

### All in One RH2



	LIP	L	W	H	L3	W3	H3	E1	E2	
2000	500	1980	2000	600	2100	3600	1200	+50 -200	300	300

## Safety directives and standards

All the levellers and loading bridges have been calculated and designed pursuant to the following European directives and standards:

Directives:

2006 / 42 / EC  
2004 / 108 / EC  
2006 / 95 / EC

Machine safety.  
Electromagnetic compatibility.  
Low voltage.



European Standards:

EN 1398:2010  
EN ISO 12100-1:2010  
EN 61000-6-2:2006  
EN 61000-6-4:2011  
EN 60204-1:2010

Levelling ramps.  
Machine safety. Basic concepts. General design principles.  
Electromagnetic compatibility. Basic immunity concepts for industrial environments.  
Electromagnetic compatibility. Basic emissions concepts in industrial environments.  
Machine safety – Electrical equipment – General provisions.



# Warranty and safety

## As calm as on the first day.

Some firms manufacture their products without offering a full guarantee, in order to save costs. Unfortunately, some firms prefer to cut down on safety systems. Others prefer to make their products with poor-quality materials. **Inkema** is well aware

of this, and for this reason, we declare that our products are safe and that they are of the highest quality and completely guaranteed. In all cases with the aim to satisfy the needs of our customers and at the fairest price. But without affecting the safety and guaranteed quality of its products and systems.



# Inkema Range

## A wide range of products to meet all your needs.

**Inkema** is not just a specialist in **free standing frames and dock houses**. More than 25 years of experience in its sector have led Inkema to extend its product range, to fully satisfy all the needs of its customers, which are from more than 42 countries.

The **Inkema** range combines variety, innovation, functionality, quality, price and service. This is the result of the ceaseless efforts of its different departments. In addition, **Inkema** has a varied range of dimensions, finishes and accessories that can be adapted to suit the requirements of each customer.

Below there is a list of the different types in each product family of the **Inkema Range**:

- **Loading bays:** swing lip levellers, telescopic lip levellers, yard ramp...
- **Loading bridges:** loading bridges iron, aluminum, galvanized...
- **Free standing frames and dock houses:** free standing frames with or without walkway, tunnels isothermal or normal...
- **Scissor tables:** single scissor, double scissor, special scissor tables, etc.
- **Dock shelters:** retractable, fix, foam seal and inflatable.
- **Industrial doors:** industrial (normal and glazed) and residential doors.
- **High-speed doors:** folding, rolling, self-repairable and cold storage.
- **Fire doors:** vertical, sliding, rolling and pedestrian doors.

## Loading bays



## Loading bridges



# Inkema Range

## Free standing frames and dock houses



## Scissor tables



## Dock shelters



# Inkema Range

## Industrial doors



## High-speed doors



## Fire doors





**inkema@inkema.com**  
**export@inkema.com**

**Tel 902 47 47 46**  
**+34 93 544 47 08**

- Inkema Sistemas S.L. reserves the right to change the described specifications without notice, in order to make improvements to its products.
- The information included in this catalogue is of informative nature and in no case should be construed as a contractual commitment.