



# **PA51 Aluminium Loading Bridges 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**.

# Aluminium loading bridges

PA51



## The highest quality solutions, even in the finishing.

Made as a single-piece ramp, with a capacity for bridging important gaps, easy to manoeuvre and with anti-fall surface, weather-resistant and with mechanical anchoring to prevent overturning, the **Inkema PA51** aluminium bridge is designed to be installed at the end of the loading bay as a fixed structure or as a sliding version to move along a rail on two wheels.

The **Inkema PA51** comprises:

- An **upper structure**: formed by a sheet of aluminium mesh, reinforced with two side ribs, designed to withstand the harshest conditions.
- A **support frame**: formed by a solid articulation on which the upper structure is installed.
- A **compensation system**: formed by the compensation arm and spiral springs, depending on the size.
- A **handling and blocking system**: formed by a handle and a pedal.

It has the following safety systems:

- Mechanical support to prevent **overturning**.
- Absence of elements that could rust, due to its **anodised aluminium** composition.
- **Anti-slip** surface.

**Inkema PA51** have the following advantages:

- They can bridge important **gaps**.
  - **Easy to move**.
  - **Anti-slip** surface.
  - **Weather-resistant**.
- 1 The **compensation arm** and **spiral springs** generate the necessary force, so the ramp can be handled manually very easily and with great comfort.
  - 2 There is a **fold at the end**, to allow them to be correctly fitted on the truck. Furthermore, they have **milled ends** to ease the passage of the fork trucks while loading and unloading goods.

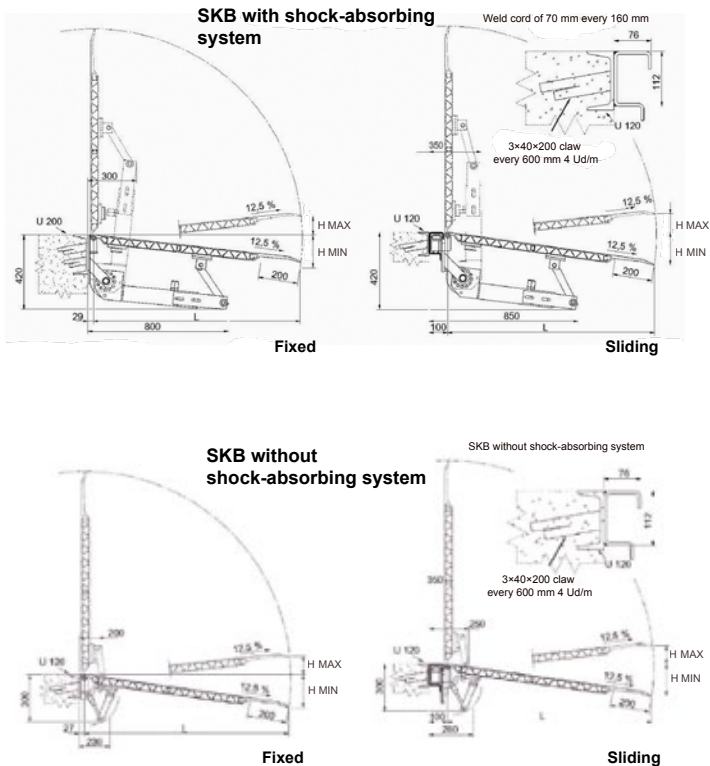


\* All the **PA51** comply with EU standards.



# Technical specifications

## PA51 aluminium loading bridges (SKB)



Code	Type	Working height		Capacity (kg)	Weight (kg)
		MIN	MAX		
10PA51056150SSS	565x1500	-90	+50	4000	67
10PA51081125SSS	815x1250	-120	+80	4000	64
10PA51081150SSS	815x1500	-120	+80	4000	77
10PA51106150SSS	1065x1500	-155	+110	4000	103
10PA51131125SSS	1315x1250	-185	+140	2500	102
10PA51131150SSS	1315x1500	-185	+140	4000	114
10PA51156125SSS	1565x1250	-215	+175	1750	113
10PA51156150SSS	1565x1500	-215	+175	4000	128

## 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** Machine safety.  
**2004 / 108 / EC** Electromagnetic compatibility.  
**2006 / 95 / EC** Low voltage.

European Standards:

**EN 1398:2010** Levelling ramps.  
**EN ISO 12100-1:2010** Machine safety. Basic concepts. General design principles.  
**EN 61000-6-2:2006** Electromagnetic compatibility. Basic immunity concepts for industrial environments.  
**EN 61000-6-4:2011** Electromagnetic compatibility. Basic emissions concepts in industrial environments.  
**EN 60204-1:2010** 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 **aluminium loading bridges**. 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





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- 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.