

# Manually Operated Loading Bridge.



## Technical Description.

The **PA1/PA2 loading bridges** are designed to be installed at the edge of the loading dock. The Sliding loading bridge (PA1), allows it to be moved on two wheels from one side to other side on a rails. The Fixed loading bridge (PA2), remains in fixed position.

These loading bridges are manually operated and have a **structure made of steel and tear plate.**

It is a quick and easy option to install thanks to its size and the fact that it does not require a pit.

Despite its small size, it can withstand up to **4 tons** of dynamic load during loading and unloading processes or up to **6 tons** optionally.

## Technical Features and Performance.

- **Platform** Anti-slip tear top surface
- **Lip** 12/14mm thickness
- **Load Capacity** 4 ton or 6 ton (optional)
- **Finishes** Painted or galvanised
- **Sizes** 4 standard sizes for PA1/PA2 loading bridge:  
 H 1000 x W 1500 (sliding or fixed)  
 H 1000 x W 2000 (sliding or fixed)  
 H 1500 x W 1500 (sliding or fixed)  
 H 1500 x W 2000 (sliding or fixed)

## High-quality materials.

Our products are characterised by their high performance and reliability, always meeting all the requirements of European standards.

The Hydraulic Mini Dock Levellers are used for long working days.

For this reason, all components and materials are carefully selected for precision, robustness and safety.

**Inkema** Sliding and Fixed Loading Bridges are in compliance with **EN 1398**.

## Components.

PA1/PA2 Sliding or fixed loading bridges consist of:

- **Base frame:** consists of a strong joint, which has the upper structure on top of it.
- **Upper Structure:** consists of a tear plate, with a compact structure of profiles underneath it.
- **Balancing system:** The balancing system for these loading bridges is a spring-based system.
- **Manoeuvring and locking system:** consists of a handle and a pedal which, when combined, allow the bridge to be fixed in place or moved safely.

## Safety Elements.

The PA1/PA2 loading bridges features the following safety elements:

- Safety and blocking pedal.
- Safety railings at the sides.
- Anti-slip tear surface on deck.



## Safety Extension (for fixed L1000 Loading Bridges).

The pairs of extensions provide a safety shelter between the building and the vehicle, preventing the risk of pedestrian accidents (complying with ED6059). With the fixed loading bridge L1000 and the safety extensions, the vehicle will be parked close to its loading position.

Depending on the type of vehicle, it may be necessary to advance its position to start loading (see manual).



A1 installed on loading dock.



PA2 installed on loading dock

## Accessories.

Inkema offers a variety of accessories that allow its customers to customise the loading bays according to their needs and requirements.



LED Lamp - GEO2



Truck Guides GC01



More accesories