Sliding Loading Bridge
Fixed Loading Bridge

PA1
PA2

Manually operated steel bridges for loading bays: Practical, economical and easy to use.

TECHNICAL DESCRIPTION

The **PA1/PA2 loading bridge** is designed to be installed at the edge of the loading dock, either in a fixed position (PA2) or sliding, allowing it to be moved on two wheels from side to side on a rail (PA1). These loading bridges are manually operated and have a **structure made of steel and tear plate**.

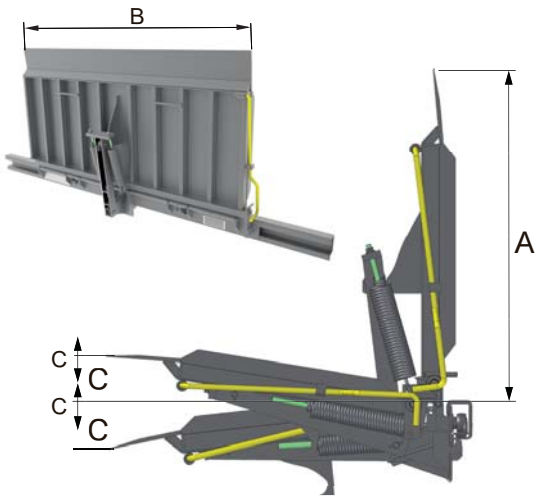
This makes it quick and easy to install to any loading bay, thanks to its small size and no need for a pit. Despite its size, it is capable of withstanding a force of up to **4 dynamic tons** during the loading and unloading processes.

PA1 loading bridge with rail for moving.

LOADING BRIDGE DIMENSIONS

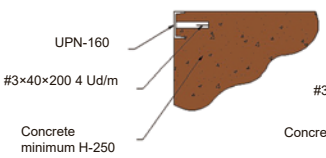
There are 4 standard sizes*, regardless of whether it is a sliding (PA1) or fixed (PA2) loading bridge.

- 1000mm high x 1500mm wide (sliding or fixed)
- 1000mm high x 2000mm wide (sliding or fixed)
- 1500mm high x 1500mm wide (sliding or fixed)
- 1500mm high x 2000mm wide (sliding or fixed)

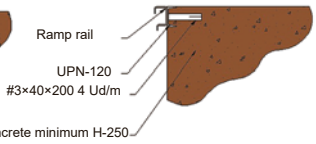


LOADING BRIDGE FRONT VIEW

Detail profile fix type



Detail profile movable type



Types	A (mm)	B (mm)	C (mm)	Capacity(kg)	Weight (kg)
1000×1500	1000	1500	150	4000	215
1000×2000	1000	2000	150	4000	225
1500×1500	1500	1500	215	4000	300
1500×2000	1500	2000	215	4000	365

1. Its spring system can withstand loads of **up to 4 tons.**
2. The **end of the loading bridge** is 5º folded 150 mm from the end. This enables perfect adjustment to the lorry during the loading and unloading process.
3. The loading bridge has a lever and an anti-fall safety, making it easy to handle.

Galvanised movable loading bridge PA1 with railing.

Loading Bridges

C/ Galileo, 2 – Naves 4 - 12 – Apartado de correos 132 – 08150 Parets del Vallés – Barcelona – (Spain)
For further information please contact us by phone **+34 93 544 47 08** or by email: **export@inkema.com**

COMPONENTS

PA1/PA2 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.

PA1 loading bridge in lowered position.

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.

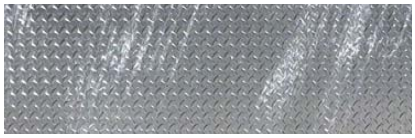
They are perfect for installing as a loading dock.

Its spring system can withstand up to 4 tons.

Anti-slip tear surface on top.

FINISHES

Painted:
Highly resistant to corrosion and environmental agents. Standard colour grey RAL 7016, any other colour can be chosen according to RAL chart.



Galvanised:
Excellent resistance to corrosion and environmental agents.

STANDARDS

Inkema declares that the PA1/PA2 loading bridges conform to the following European directives:

2006/42/CE and UE 305/2011

Designed and manufactured in accordance with the following harmonised technical standards:

UNE-EN 1398 and UNE-EN ISO 12100

Compliance with the following technical standards:

UNE-EN 349, UNE-EN ISO 13857, UNE-EN ISO 4413.

Loading Bridges

www.inkema.com

C/ Galileo, 2 – Naves 4 - 12 – Apartado de correos 132 – 08150 Parets del Vallés – Barcelona – (Spain)
For further information please contact us by phone **+34 93 544 47 08** or by email: **export@inkema.com**