

Bridge designed for loading and unloading goods, suitable for any loading bay.

## TECHNICAL DESCRIPTION

These bridges are made with aluminium, and are capable of dealing with significantly different levels. They are easy to move, with a weather resistant, non-slip surface and mechanical anti-tip fastening.

**PA51 Aluminium Loading Bridges** are designed to be installed in a fixed position to the edge of the loading dock, or sliding, so they can be moved on two wheels.

It has a **fold at the end** that allows it to better fit the lorry. It **is also milled** at the end to make it smoother for forklifts when loading and unloading goods.



## PA51 LOADING BRIDGE MAIN ADVANTAGES

- ✓ No pit of any kind is required for installation.
- ✓ Capable of dealing with significantly different levels.
- ✓ **Easy to move** and use.
- ✓ **Weatherproof.**
- ✓ Installation of the loading bridge depends on preference: **fixed** or **sliding**, which moves side to side on two wheels along a guide.

## SAFETY SYSTEMS

The **PA51 aluminium loading bridge** has the following safety systems:

- **Anti-tip** mechanical fastening.
- No oxidising elements, as it is made of **anodised aluminium**.
- **Anti-slip** surface.



Very light loading bridge that can withstand loads, without maintenance.



Ideal for safely dealing with significant differences in height.

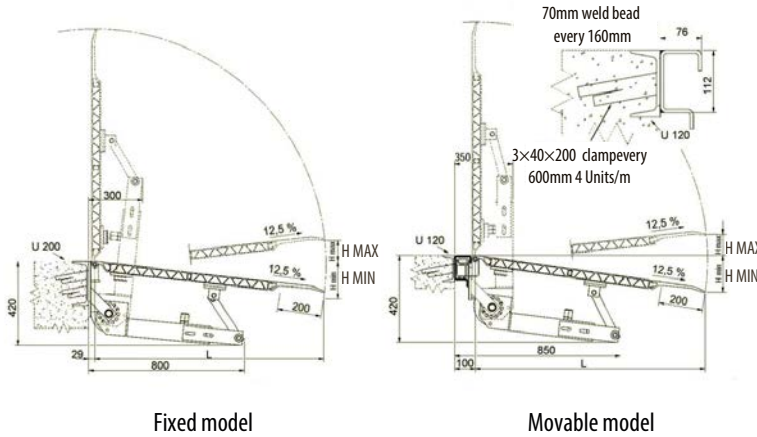


- 1 The **balancing arm** and the **spiral springs** enable the bridge to be moved manually, in a comfortable and simple way.
- 2 It has a **fold at the end** that allows it to better fit to the lorry. It **is also milled** at the end to make it smoother for forklifts when loading and unloading goods.
- 3 Side safety belts.



### BALANCING SYSTEM SCHEMES

PA51 Loading Bridge with spring balancing system:



### BALANCING SYSTEM

Two balancing systems with safety locking are available for this type of Loading Bridge:

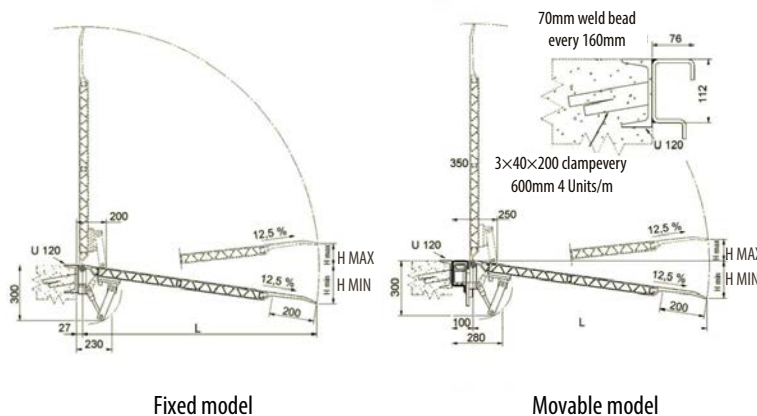


**Mechanical balancing system**

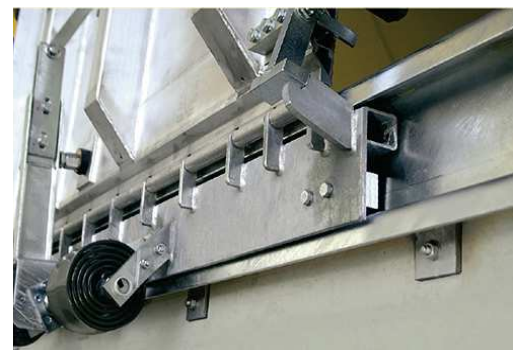


**Spring balancing system**

PA51 Loading Bridge with mechanical balancing system:



Loading Bridge with front protection stops (optional).



Movable loading bridge installed on a guide-profile.

Code	Type	Working height		Load (kg)	Weight(kg)
		MIN	MAX		
10PA51056150SSS	565×1500	-90	+50	4000	67
10PA51081125SSS	815×1250	-120	+80	4000	64
10PA51081150SSS	815×1500	-120	+80	4000	77
10PA51106150SSS	1065×1500	-155	+110	4000	103
10PA51131125SSS	1315×1250	-185	+140	2500	102
10PA51131150SSS	1315×1500	-185	+140	4000	114
10PA51156125SSS	1565×1250	-215	+175	1750	113
10PA51156150SSS	1565×1500	-215	+175	4000	128

### STANDARDS AND RECOMMENDATIONS

The Loading Bridge is designed to comply with the European Directive and following standards:

- 2006/42/CE** Machinery Directive.
- UE305/2011** Regulation on Construction Products
- UNE-EN 1398/2010** Dock levellers. Safety requirements.

