



ALAPONT
GLOBAL

Loading docks

MECHANICAL EDGE-OF-DOCK

The Edge-of-dock loading system is the ideal solution for loading and unloading goods in confined spaces where a conventional leveler cannot be installed.

It doesn't require a pit; instead, it installs at the edge of the loading dock, eliminating the need for civil works.

This results in significant cost and production savings. It offers a quick and easy way to overcome height differences between the loading dock and the truck bed.

It features a folding lip for perfect adaptation to the truck.

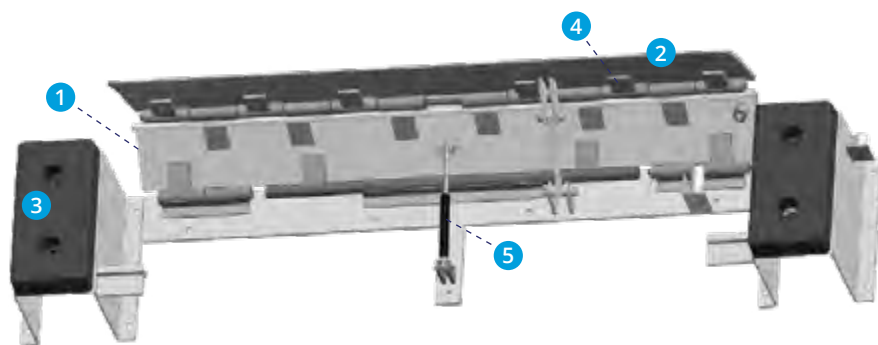
- **Resistant to temperatures** between -20°C and 50°C
- **Optional self-supporting** structure
- Two Mini-Ramp models are available: hydraulic and mechanical
- Available in **various standard sizes or custom-made options**



CAPACITY	Capacity 1 (standard model)	Capacity 2
Dynamic load capacity*	6.000 kg	15.000 kg
Static load capacity*	9.000 kg	18.000 kg

*All standard models can be manufactured with all load capacities. Please inquire about other configuration options.

COMPONENTS



1. PLATFORM

Manufactured from 13/15 mm tread Plate steel. Its base incorporates 8 joists.

2. ROBUST FOLDING LIP

Made of 13/15 mm tread Plate steel

3. BUMPERS

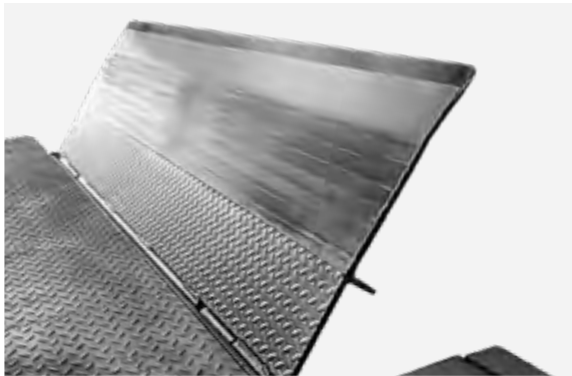
The standard model comes with two high-strength rubber bumpers (250 x 500 x 80 mm), which protect the ramp by cushioning the impact of the truck against the building wall.

4. REINFORCED HINGES

Reinforced hinges with plates and a 24mm axle guarantee maximum strength.

5. PNEUMATIC CYLINDER

LIP



The lip features a front chamfer and a 5° bend for a smooth transition with the vehicle.

The standard model has a 400mm folding lip projection to bridge the gap and height difference between loading docks and vehicle beds, ensuring a firm seating on the vehicle floor.

OPTIONS*

400mm (standard model)

BUMPERS



The Standard model comes with two heavy duty rubber bumpers, which protect the loading dock, cushioning the impact of the truck against the wall of the building.

DIMENSIONS

250 x 500 x 80 mm

REGULATIONS AND CERTIFICATION

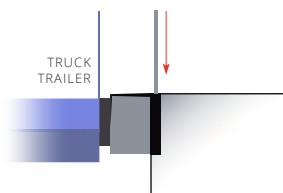
CE MARKING

UNE - EN 1398 - 2010 (LEVELLERS)

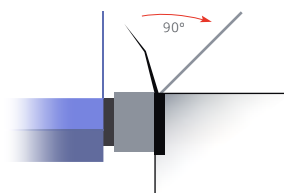


OPERATION

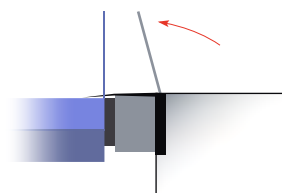
Steps for using the mechanical edge-of-dock:



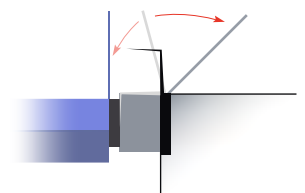
1 Insert the operating lever into the cavity located next to the platform.



2 Pull the lever back 90°. The platform will rise due to the springs until it is in a vertical position and locked by the locking bar.

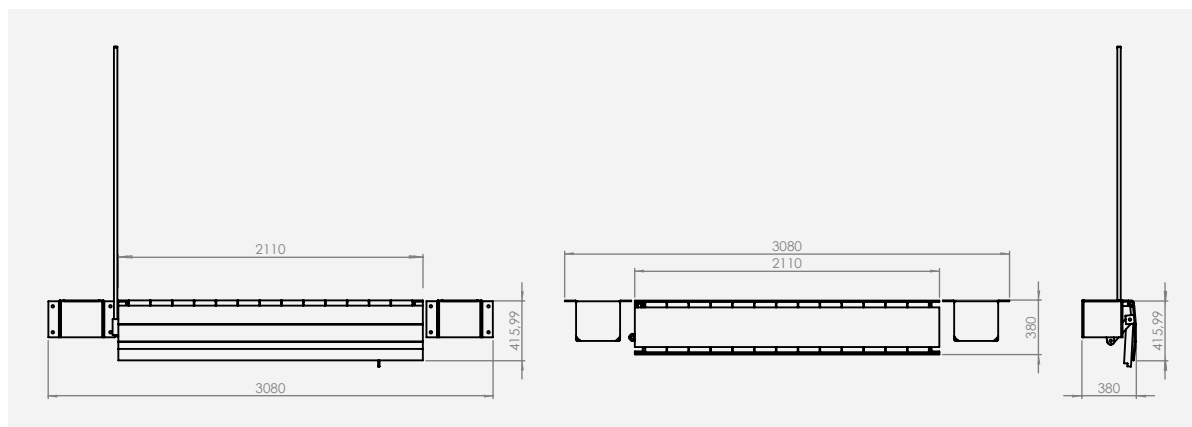


3 Push the lever forward. The platform will descend, and the lip will automatically extend toward the vehicle.



4 Before the truck leaves its loading position, raise the walkway. Pull the lever back 65° and then forward slowly. The platform will descend, the lip will automatically fold, and the ramp will return to its initial position.

DIMENSIONS

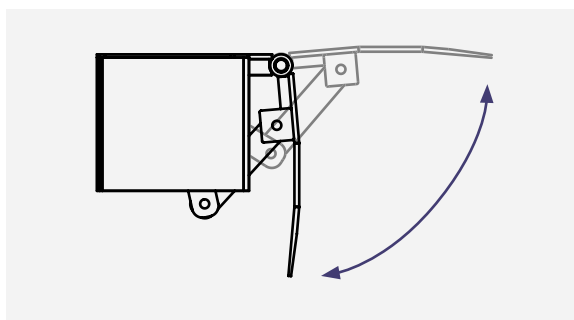


0401H0101000

Total projection (platform + lip) 740 mm

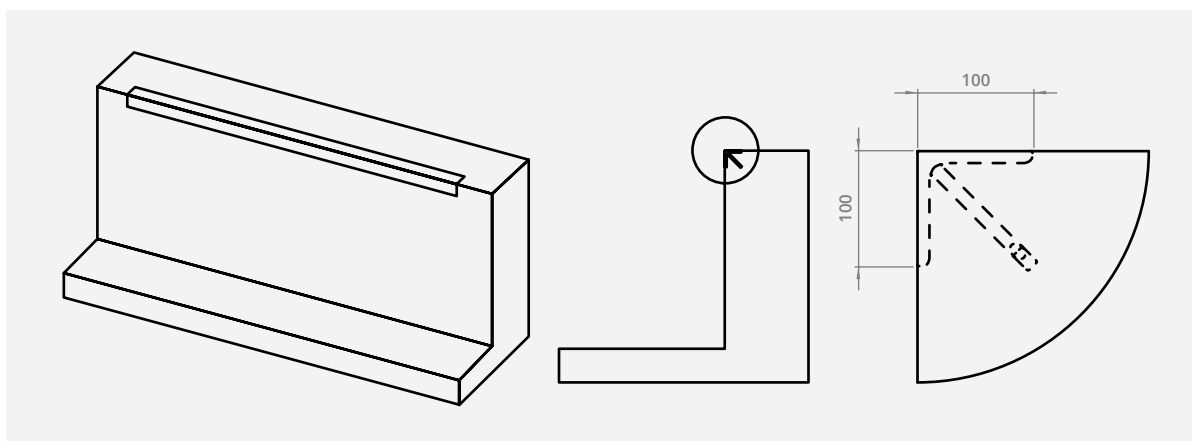
Total width (loading dock + bumpers) 2640 mm

RANGE



REF.	DIMENSIONS	+	-
0401H0101000	2000 mm	100 mm	100 mm

PIT DIMENSIONS



BASIC INSTALLATION REQUIREMENTS

- It is essential for the installation to place a metal angle (100x100x10 mm) on the edge of the concrete in order to weld the base of the Mini dock to it.
- The width of the angle must be at least the width of the Mini dock to be installed.

FINISHES

STANDARD OPTION

- Zinc primer and lacquer coating:



Black RAL 9005 micro-textured

ADDITIONAL FINISH OPTIONS

- Stainless steel
- Hot-dip galvanized
- Customized RAL*:



Grey RAL 7011



Blue RAL 5010

* Other RAL colours on request

✓ **Enhanced Corrosion Protection:** A complete treatment and powder coating with oven-baked polymer paint at 200°C provides superior corrosion and weather resistance, exceeding the requirements of major European architectural finish standards for outdoor applications.

✓ **Lead-Free:** The lead-free micro-textured finish is a safe and environmentally friendly alternative, making our ramps eco-conscious.

✓ **Increased Durability:** Zinc priming provides excellent outdoor durability and color retention. It has passed numerous mechanical, chemical resistance, and robustness tests including flexibility, adhesion, indentation, impact, Buchholz hardness, and acetic salt spray, humidity chamber, sulfur dioxide, permeability, and mortar resistance tests.

✓ **Improved Operator Safety:** The micro-textured finish creates a non-slip surface, significantly enhancing loading ramp safety. It improves traction and helps prevent slips and falls, reducing the risk of injury and accidents.

ACCESSORIES

All our dock levelers can have this option.



TRAFFIC LIGHTS



DOCK WHEEL GUIDES



VEHICLE RESTRAINT



DOCK BUMPERS