



Free-Standing Frames & Dock Houses BATU+TU

Increasing the building's storage capacity and minimising temperature losses.

Free Standing Frames & Dock Houses

TECHNICAL DESCRIPTION

Inkema's Free-standing frames and Dock Houses are designed specifically for each customer, to speed up the installation of a loading bay, improve the internal insulation of the warehouse and increase the storage capacity of the building.

Inkema free-standing frames improve working conditions and goods handling thanks to their high level of seal and hygiene.

The **dock house** system couples the building to the vehicle. It can be with or without an isothermal structure. Optionally, a dock shelter can be added to improve energy savings and the thermal insulation between building and loading bay.



- ✓ **PERFECT ADJUSTMENT TO THE BUILDING:**
A customized solution for each client.
- ✓ **INCREASE OF THE STORE CAPACITY:**
It allows the use of the interior space of the warehouse.
- ✓ **FAST ASSEMBLY AND EASY MAINTENANCE:**
It can be installed quickly and smoothly due to its design.
- ✓ **HIGH LEVEL OF SEALING:**
Improve working conditions and goods handling thanks to their high level of seal and hygiene.

FREE-STANDING FRAME STRUCTURE

The free standing frame is the metal structure that substitutes the pit and it supports the loading bay. This structure **allows the use of the interior space of the warehouse**. It is also a good solution to **minimise temperature losses** when combined with a fast door, a loading dock house and a sectional door.

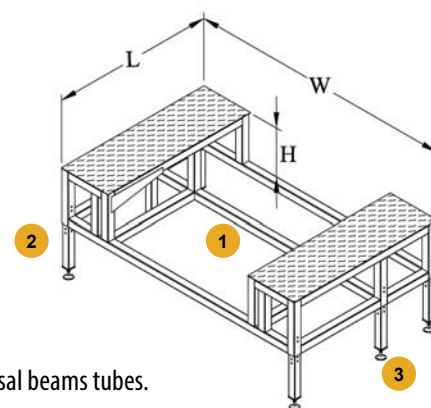
The **free-standing frame** can be adapted to different types of facades or loading bays. We design according to the type of loading point that the customer has: **triangular frame, a simple or straight frame and a stepped frame**.

FREE-STANDING FRAME TECHNICAL DATA

- It allows an installation of a dock leveller outside any facility.
- **Sidewalk** structure with **100x100x3 mm** tubes.
- Top covering with **tear plate 6/8**.
- **Transversal beams** of 100x100x4mm tubes.
- The structures have legs that are adjustable every 50mm (6 Units).
- **Adjustment height machine foot** with millimetre adjustment thin (6 Uds.).
- **6 or 10 tones** load capacity.
- Possible finishes: **prime + painted or galvanised**.

NOTE: If the floor is asphalted or similar, a concrete cube H-250 of L300xW300xH200 it has to be placed in each base.

DIMENSIONS

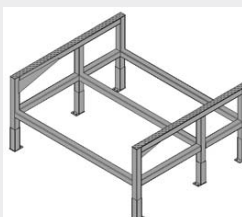


- 1 Transversal beams tubes.
- 2 Adjustable legs.
- 3 Adjustment height machine foot.

FREE-STANDING FRAMES TYPES

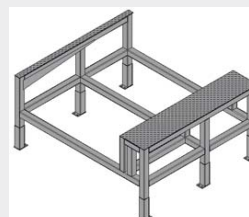
The structures have **legs that are adjustable** every 50 mm in order to adapt to different heights. It is supplied in different versions: **without walkway, with one walkway** and **with two walkways**.

All the levellers and loading bridges have been calculated and designed pursuant to the following European directives and standards.



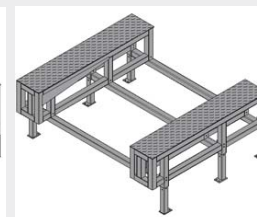
Without SideWalk

The structure of the free-standing frame is simple and makes better use of space, as it has no sidewalk.



With One Sidewalk

Allows greater movement inside the facilities, improving the loading and unloading of goods.



With Two Sidewalks

The best option for moving inside the platform while the dock leveller is operating.



DOCK HOUSE STRUCTURE

The dock house system couples the building to the vehicle. The standard tunnel roof is formed by a special anti-drip ribbed panel with a slope that prevents the accumulation of water, allowing the rainwater to be drained into the drip tray at the front.

It is supplied in different versions:



Only structure



Metal enclosure

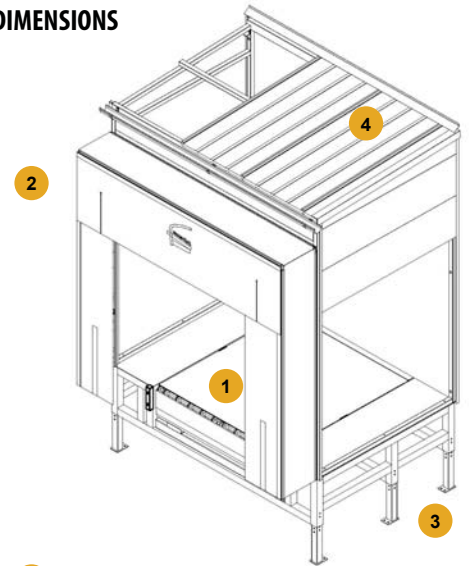


Sandwich panel

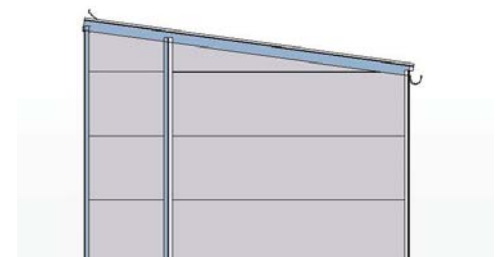


Prefabricated concrete

DIMENSIONS



- 1 Dock Leveller.
- 2 Dock Shelter.
- 3 Free-Standing Frame.
- 4 Ribbed Dock House leak proof.

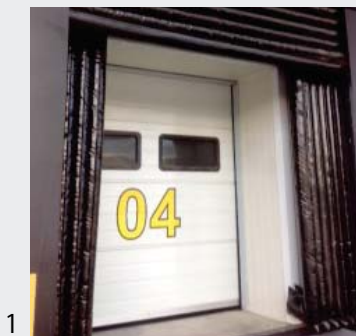


Dock House side view with 5% of grade.

OPTIONAL FEATURES

A shelter can also be added, to improve energy savings and thermal insulation between the building and the bay. There are different types of shelter:

- 1. Inflatable
- 2. Fix
- 3. Retractable



1



2



3