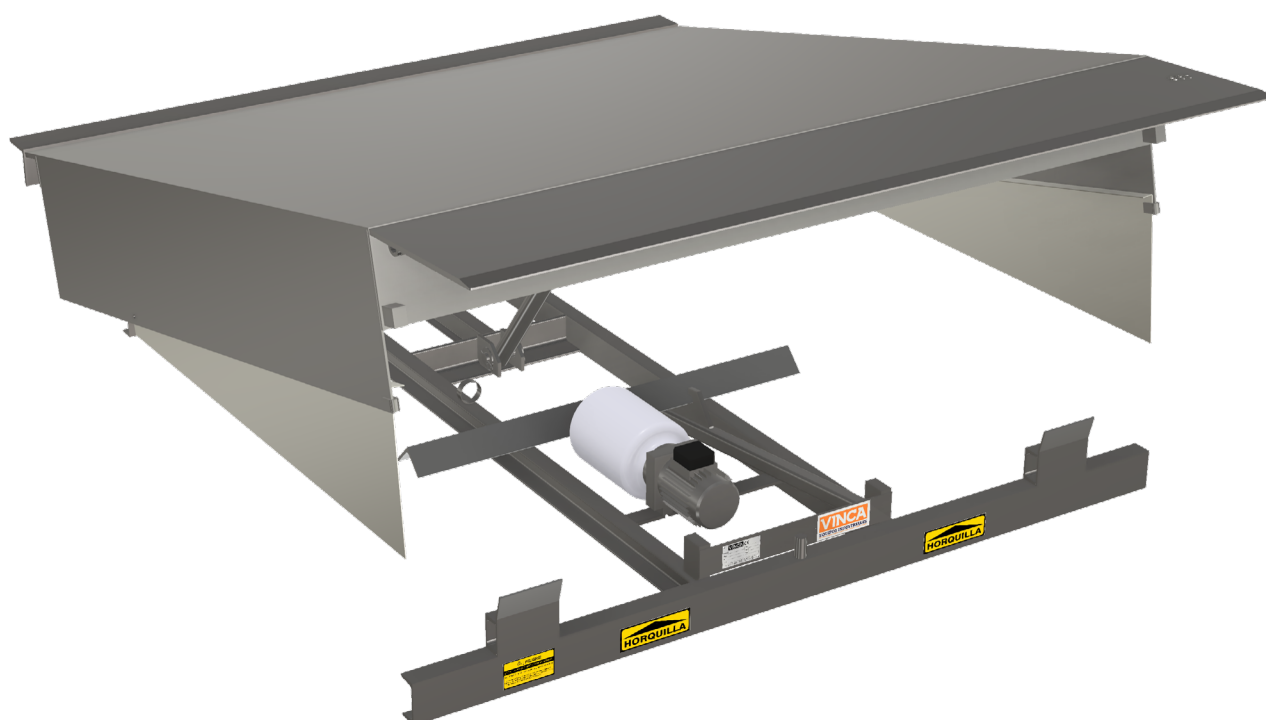




Loading Docks

RA-H Dock Leveller

RA-H Automatic Dock Leveller

HYDRAULIC HINGED LIP DOCK LEVELLERS

RAH-N (HYDRAULIC), HINGED LIP

Technical Description:

- Strong and flexible structure, that allows the automatic transversal fitting to different truck beds.
- Lip made of ST-52 maximum strength steel.
- The lip is fastened to the platform by 26 selfcleaning independent hinges
- Platform floor made of steel plate almond-shaped, against vibrations.
- RA-H leveler is the best investment for your loading area, due to:
 - Easy and fast installation and assembly.
 - With the same push button we can extend automatically the lip and lower the leveler platform and lip to the truck bed
- Full safety when cross traffic is required only at level and rest position.
- CE certificate, manufactured under the UNE-EN 1398: 2010 standard.



Data and characteristics subject to change without prior notice.

RA-H Automatic Dock Leveller

RAH-N Safety Features:

- Structure steel toeguards prevent possible injury at the sides of the leveler, rubber bumpers and maintenance support bar.
- Standard safety features: valve against cables breaking, stop emergency and automatic device platform block if power supply is off.

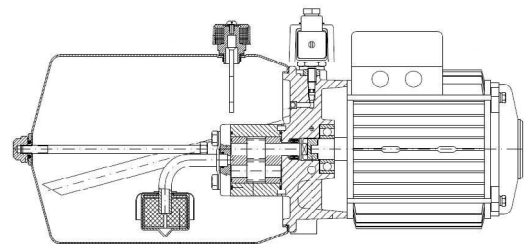
RAH-N Control Box:

- Low voltage control.
- Protection IP-54.



RA-HN Hydraulics:

- The hydraulic system of the RA-HN Electrohydraulic Ramp consists of a pump / motor group, reservoir for hydraulic oil and pressure lines for the main piston and the lip cylinder.
- Hydraulic nonfoaming oil: ENGLER, viscosity index: 4-5.



The RA-HN ramp complies with EU directives 2006/42 / CEE, 2014/30 / CEE and the harmonized standards EN 1398.



Available Configurations:

Leveller surface finish:

- **Standard painting:** Grey RAL 7037.
- **Option:** other RAL colours on request.
- Galvanized steel finish.

Surface platformp:

- Standard: Anti-slip tread plate.

Capacity:

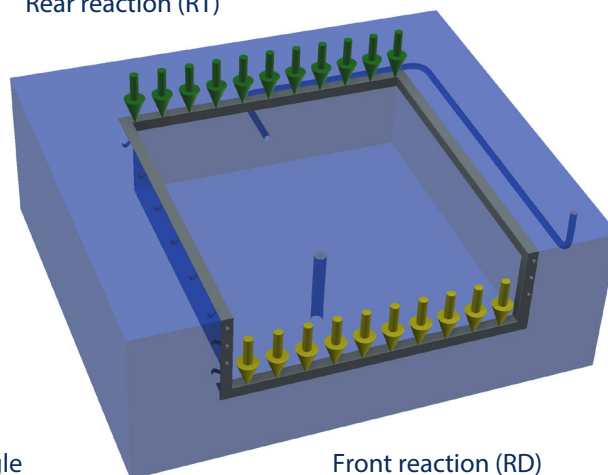
- Standard 60 kN
- Option: 80 kN and 100 kN.
- Other capacities are available on request.

Pit Dimensions

Model	Pit Dimensions (mm)		Reaction stress (6 t levellers)	
	A1 (mm)	B1 (mm)	Rear Reaction (RT)	Front Reaction (RD)
RA-HN 2520	2040	2200	5,0	4,8
RA-HN 2920		2620	5,2	5,0
RA-HN 3420		3120	5,4	5,2
RA-HN 4120		3820	5,6	5,3
RA-HN 4520		4220	6,0	5,6

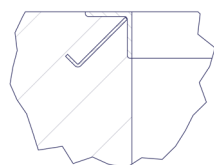
Zones of reaction stress transmission:

Rear reaction (RT)

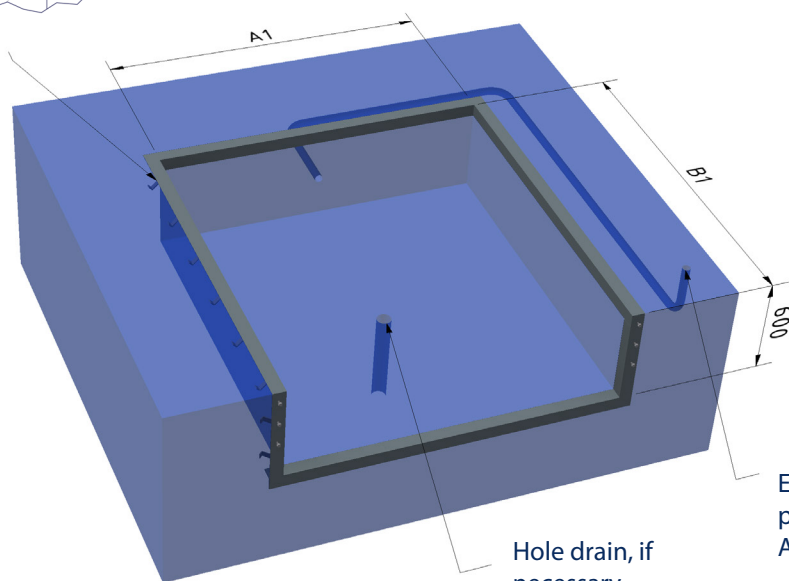


Front reaction (RD)

Final pit dimensions (with embedded frame):



Perimetrical frame section. 80 mm angle with embedded grips. In case of steel wire mesh concret, we recommend to leave some stirrups in the back area to tie them to the leveller frame.



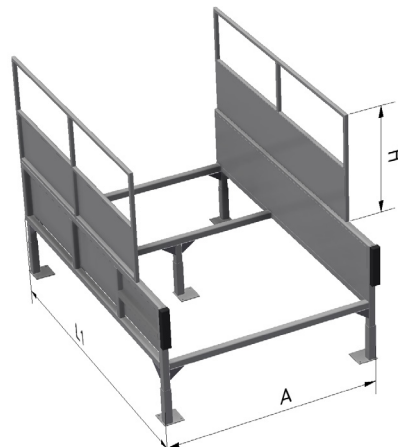
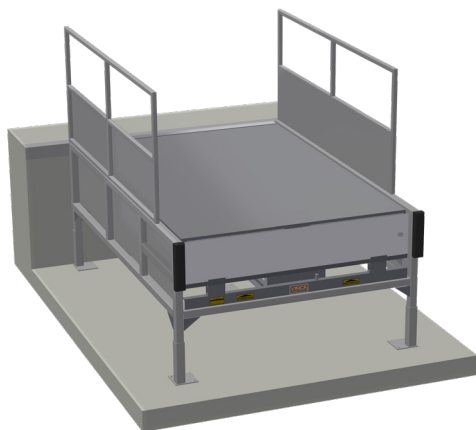
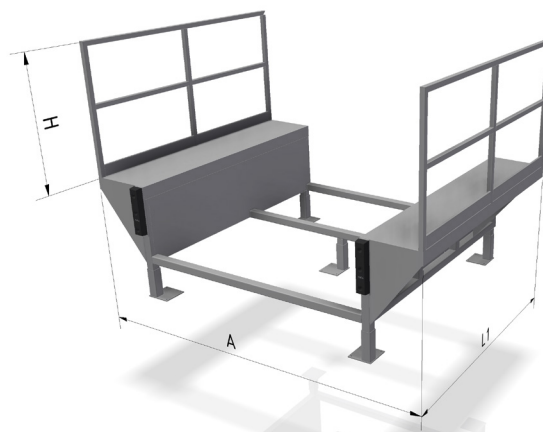
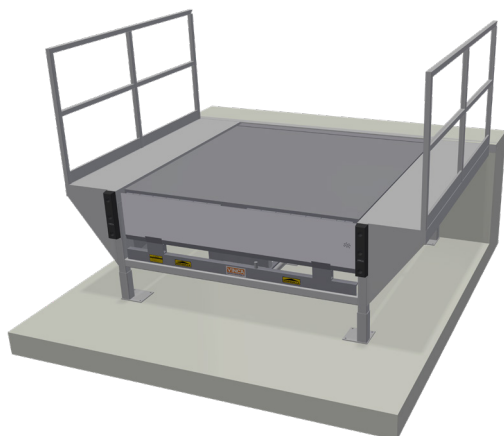
Hole drain, if necessary.

Electric conduit. Wire diam. 60 mm. min., positioned towards the control box base. Avoid closed elbows.

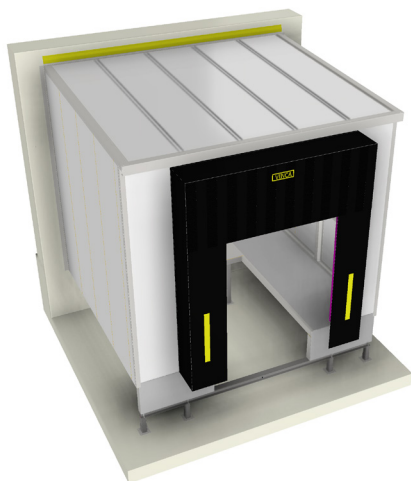
Accessories to integrate into the dock

Below are examples of configurations and accessories for VINCA loading docks. Apart from the standard configurations, we design and manufacture custom-made structures for loading docks certified according to the EN 1398: 2010 standard.

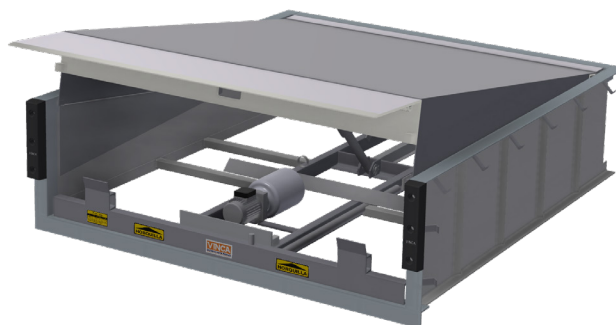
Self-supporting structures:



Dock Houses:



Dock Box:



Pedal keypad

To avoid contact areas we have this keypad that is operated by means of a pedal.



Safety Systems: WHEEL-LOK

The Global Wheel-Lok is the most simple and effective solution to help prevent early departure and trailer creep accidents at the loading dock.



Other Accessories

SAFE-T-SIGNAL Warning System

Traffic detection from all directions.



DOK-GUARDIAN Safety Barrier

Helps prevent fork trucks, pallet jacks, and pedestrians from falling off a loading dock.



Other products made by VINCA

- Bridge Cranes
- Pib Cranes
- Hoists and Winches
- Scissor lifting tables
- Goods Lifts (PLT)
- Automatic Dock Levellers
- Mobile Ramps (RMC)
- Dock Shelters
- Vehicle Restraints
- Loading Dock Safety Equipment
- Mobile Lifts
- VACU-LIFT Vacuum Lifting
- TROMPEX Vacuum Lifters
- Weightless Manipulators
- Pallet Inverters
- NIVELMATIC Levellers
- INCLINATOR Tilters
- Tumblers
- Transfer SKIPS
- Machinery mover for big loads
- Aerial Work Platforms
- HVLS Industrial Fans
- Manual Hinged door, High Speed Door, Cold storage doors
- Sectional doors
- Fire rated doors
- Gates and closures
- DOK-GUARDIAN Safety Barriers
- Material for the electrification of mobile equipment
- Spreaders, big-bag lifters and other accessories.
- Remote Controls
- After-Sales Service

Ⓔ ATEX finish of the equipment on request



VINCA

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