

Hydraulic dock leveller fully integrated into a free-standing frame.

TECHNICAL DESCRIPTION

Inkema has developed a standard solution for free-standing frames, dock levellers and isothermal dock houses: **the Hydraulic All in One Dock Leveller**. A solution tailored to the customer who needs to expand their loading points and does not want to do additional work. All you have to do is decide its placement.

The **RH16 All in One** consists of a fully integrated **free-standing frame** and a **hinged lip dock leveller**. This solution is designed to ease the process of transport and installation.

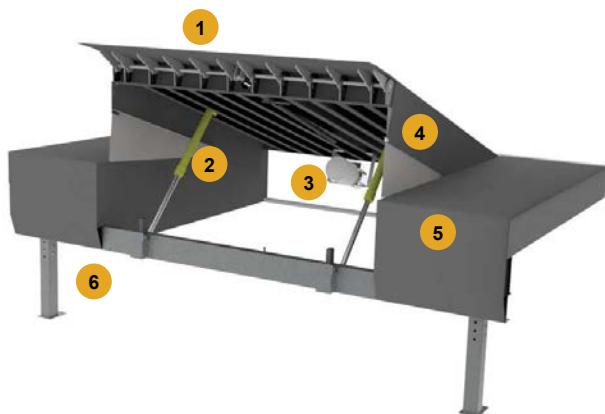


DOCK LEVELLER DIMENSIONS

Standard dimensions for the RH16 Dock Leveller with hinged lip:

- ✓ L2540 x W2000 x H600mm: **leveller dimensions when lip is extended.**
- ✓ L2400 x W3400 x H1200mm: **full measurements of the free-standing frame.**
- ✓ 400mm claw: **dimensions of the dock leveller's folding claw.**

DOCK LEVELLER SIDE VIEW



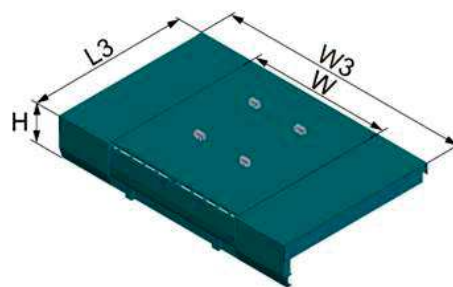
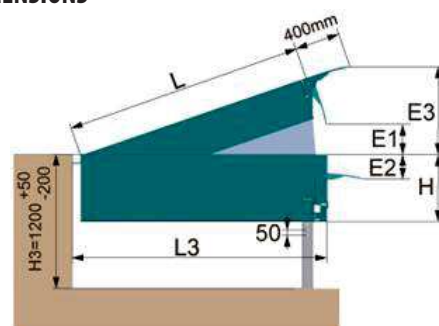
- 1 400mm hinged lip claw.
- 2 Lifting cylinders with interior anti-fall safety valve.
- 3 Hydraulic equipment: electric motor, hydraulic pump and tank.
- 4 Toeguards for feet protection and black & yellow safety bands.
- 5 Metal free-standing frame and dock leveller integrated in a single system.
- 6 Adjustable legs every 25mm.

FEATURES:

The main benefits of the **All in One RH16 Dock Leveller** are:

- The free-standing frame and loading dock leveller are **fully integrated** in one system.
- **Optimises transport** thanks to its standard size for a conventional truck.
- The installation is performed **optimally and quickly** thanks to its design that combines the free-standing frame and dock leveller.

PIT DIMENSIONS

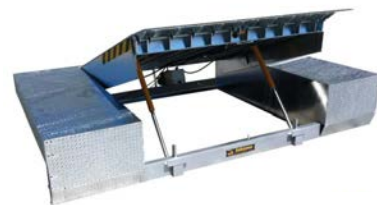


	LIP	L	W	H	L3	W3	H3	E1	E2	E3	
2300	400	2140	2000 / 2200	600	2300	3400 / 3600	1200	+50	240	260	770
2400		2240			2400			-200	260	210	770

OPERATION

The operating system, features and operability are fully comparable to the models of the **hinged and telescopic lip** dock levellers. For this reason, the **All in One Hydraulic Dock Leveller** is available in two versions **RH16** and **RH26**.





HYDRAULIC EQUIPMENT AND CONTROL PANEL

The hydraulic unit consists of: 1.0 HP 0.75kw 230/400 V **electric motor**, **hydraulic pump** with a flow rate of 5 l/m and **5 litre tank** with oil level sight glass, **safety solenoid valve**, two **lifting cylinders** with 50mm piston rod, **lip cylinder** with 30mm piston rod and **hydraulic hoses**.
The **control panel** consists of: transformer for a 24V AC control circuit, switch, connection strip, protective fuses, motor protection switch, contactor and starter pilot.



Inkema Panel



RH16 powerpack

SAFETY ITEMS

The RH16 Dock Leveller has the following safety features:

- **Emergency stop:** Activated by switch or power failure.
- **Fixed and movable toeguards:** prevent feet from being trapped between the platform and the pit.
- **Side bands:** Help reduce the risk of collisions.
- **Safety bar:** Prevents it from closing during maintenance.
- **Anti-fall safety valves** inside the hydraulic lifting cylinders.
- Platform with **anti-slip tear surface on top**.



The free-standing frame and dock leveller are fully integrated into one system.



RH16 suitable for any industrial sector



Several finishes available



Extended hinged lip

FINISHES



Painted:

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



Galvanised:

Excellent resistance to corrosion and environmental agents.

STANDARDS

Inkema declares that the RH16 Dock Leveller conforms to the following European directives:

2006/42/CE, 2014/35/UE, 2014/30/UE and UE 305/2011

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

UNE-EN 1398 and UNE-EN ISO 12100

Comply with the following technical standards:

UNE-EN 349, UNE-EN ISO 13857, UNE-EN ISO 4413, UNE-EN 60204-1, UNE-EN 61000-6-2, UNE-EN 61000-6-3 and UNE-EN 61000-6-4