

Specially designed to cover loading and unloading needs in buildings with no availability for loading bays.

TECHNICAL DESCRIPTION

The RH65 loading ramp is **12 metres long**, and is suitable for loading and unloading lorries in warehouses and industrial warehouses that do not have a dock or other similar facility, providing **access between ground level and the lorry**.

Depending on the customer's requirements, it can be manufactured to accommodate different load capacities, with various options.



DIMENSIONS AND CAPACITIES*

The nominal dimensions of the RH65 depend on its load capacity.

- ✓ For an RH65 with a capacity of **6 tons**: L12000 x W2240 x H max 1400mm
- ✓ For an RH65 with a capacity of **10 tons**: L12000 x W2315 x H max 1400mm

Working range: from **900 to 1700mm** in height.

SIDE VIEW OF THE RAMP



- 1 The **sides of the ramp** consist of robust rails. These are a fundamental part of the structure, and they also act as a perimeter guard.
- 2 Thanks to the **lifting system's wheels** the ramp can be towed to the desired location.
- 3 The RH65 is including **fastening chains** to attach the ramp to the lorry's trailer. They prevent accidental separation in the event that the vehicle moves away unexpectedly.
- 4 The **control panel** is designed exclusively by Inkema (for the RH65 and its hydraulic system).
- 5 **Forklift blade fastening** that directs the ramp into the correct position for loading or unloading manoeuvres.
- 6 **All components**, like the moving parts, claws and free frames are painted with an anti-corrosive primer and then with high quality paint. This ensures a double painted 1 + 1 coat that provides 200% protection.
- 7 Ramp's **hydraulic lifting cylinders**.
- 8 The **surface** of each end of the ramp is made of tear plate. This allows for movement, including the turning of the wheels of forklifts, without any deterioration.
- 9 The middle section of the ramp's surface, where the wheels of the forklifts will not turn, the **floor is made of a tramex-type grid**. This is supported by a steel profile structure.

TYPES OF RH65 RAMP:

The **RH65** loading ramp is equipped with hydraulic lifting system that can be operated in three different ways:

- By **hand pump**.
- By **pump driven by** low-voltage electric motor and powered by batteries.
- By **pump driven by electric motor connected directly to the mains** using an extension cable.





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 **7 litre tank** with oil level sight glass, **safety solenoid valve**, **lifting cylinder** with a 70mm 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, starter pilot and Cetac connector.



Inkema Control Panel



RH65 powerpack

**Only for motorised RH65: hydraulic model or battery model.*

SAFETY ITEMS

The RH65 ramp has the following safety features:

- **Emergency stop:** Activated by a switch or a power failure.
- **Side bands:** Help reduce the risk of collisions.
- **Anti-fall safety valves** inside the hydraulic cylinders.
- Platform with **tear plate platform**.
- **Fastening chain** to lorry.



Tramex surface of the ramp.



Chain that fastens to the lorry.



RH65 operating lever with hand pump



Wheels for moving and lifting cylinders



Forklift blade fastening for directing the ramp

FINISHES

Painted:

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



STANDARDS

Inkema declares that the RH65 loading ramp 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

Complies 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