

Dock levellers

RH1



The most accurate solution.

Simple, quick and functional. Without doubt, the **Inkema RH1** is the perfect solution for any loading bay. Its hydraulic tilting mechanism and folding lip enables the dock leveller to cover the gap and height between the loading bay and the truck, allowing it to rest firmly on the loading bay.

The **Inkema RH1** leveller has three parts:

- A **platform** with an upper sheet of tear plate with thickness of 6/8 mm and a set of laminated profiles and protective side panels.
- A **lip** made of tear plate sheet with a thickness of 13/15 mm. The lip is folded and milled at the end, to fit onto the truck and to ease the passage of the forklifts.
- And the **inferior structure** formed by laminated profiles upon which the platform and hydraulic assembly are installed.

Safety is an essential requirement for any professional. For this reason, all **Inkema** levellers have diverse safety systems:

- An **emergency stop** activated by a section switch or zero voltage.
- An **anti-fall safety** valve inside the hydraulic cylinder.
- **Fixed and mobile side panels** that serve as a foot guard.
- A platform with an upper surface **anti-fall tear plate**.
- **Safety signals** in form of stickers on moving parts.
- **Safety bar** to prevent the leveller from closing during maintenance work.



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Hydraulic system.



Self-cleaning reinforced hinges.



Foot guard panels and safety stickers.

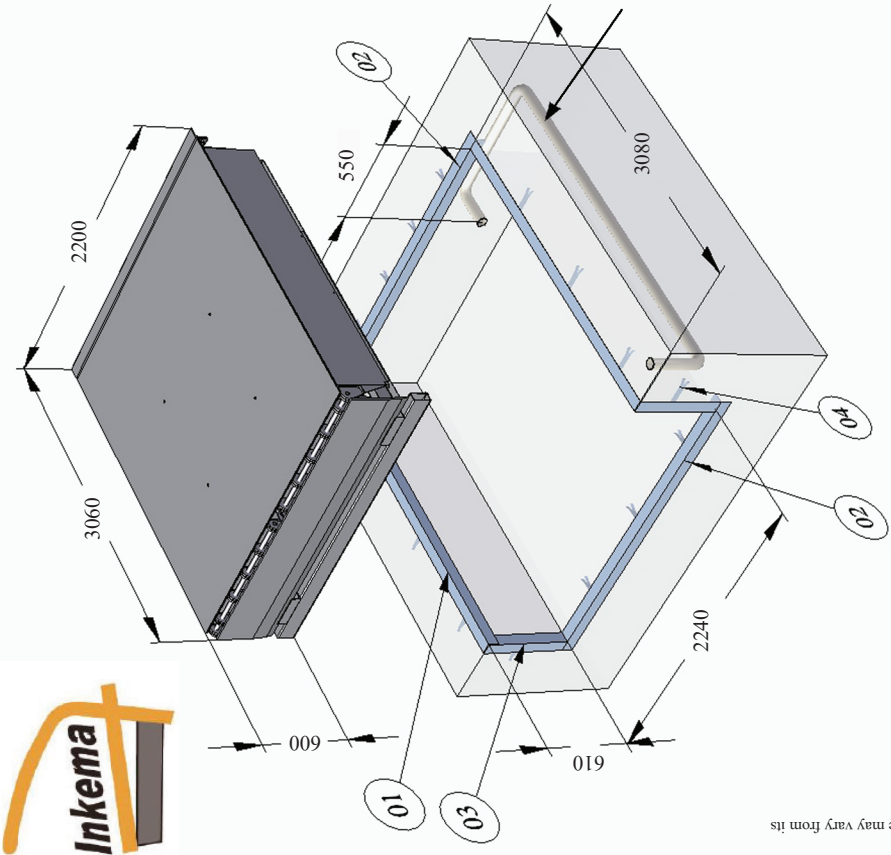


Inkema control panel. 5

- 1 A construction system with **self-cleaning** flat hinges made with ST-52 laser-cut steel for perfect alignment and resistance. In addition, it is designed to prevent the moving parts of the leveller from maladjustment due to grime.
- 2 The **hydraulic equipment** comprises: a 1.0 CV electric motor, hydraulic pump with a flow rate of 5 l/m and a 7 litre tank with an oil level viewer, safety electro valve, elevation cylinder with a Ø50 mm rod, lip cylinder with a Ø30 mm rod and hydraulic hoses.
- 3 All the **shafts** are protected from corrosion by a passivated, zinc electrolytic coating.
- 4 **Centring system** between lip and bay with nylon dividers to ensure that the lip is always in the correct working position.
- 5 The whole **control panel** has been designed by **Inkema**. For this reason, it has different programmes for different manoeuvres.
- 6 One characteristic feature of the **RH1** is that when lying on the truck base, it adapts to the raising and lowering of the truck caused by loading and unloading, thanks to its lateral inclination.
- 7 The **anti-fall safety valve** in the hydraulic cylinder is designed so that it can be blocked, if the truck unexpectedly moves off, preventing the bay and any other element on its surface (operators, forklifts, etc.) from falling.
- 8 **All the components** and the moving parts, lip and inferior structure are painted separately with an anti-corrosive primer followed by a coat of high-quality paint, thus ensuring a double 1+1 layer which guarantees 200% protective coating.



* All the RH1 levellers comply with EU standards.



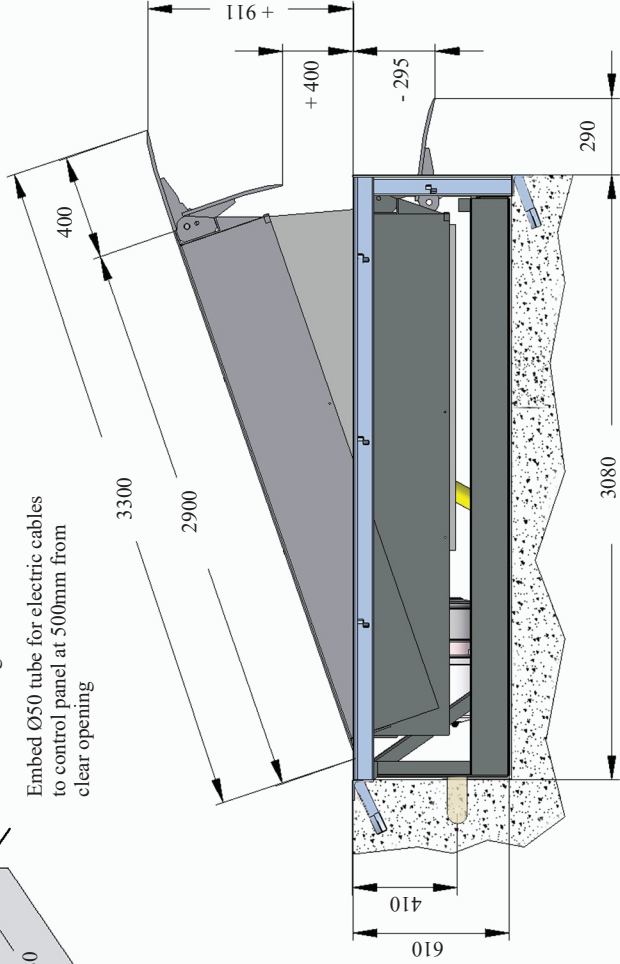
Pre-frame material list (*)

Pos.	Des.	Un.	Dim.
01	LPN80.8	2	L = 3070
02	LPN80.8	2	L = 2400
03 (**)	LPN80.8	1+1	L = 610
04 (**)	Hook	15	#3x40 x 200

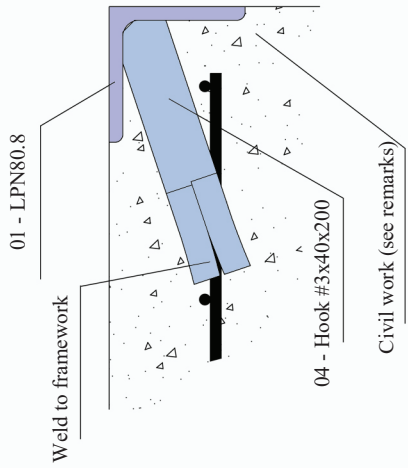
Load capacity	6 t
Machine at pit level:	NO
Hinged lip length	400 mm

Allowance for guide cable inside the tube

Embed Ø50 tube for electric cables
to control panel at 500mm from
clear opening



Pit diagonals must be equal
or lower ±5mm



Civil work (see remarks)

Attachment detail

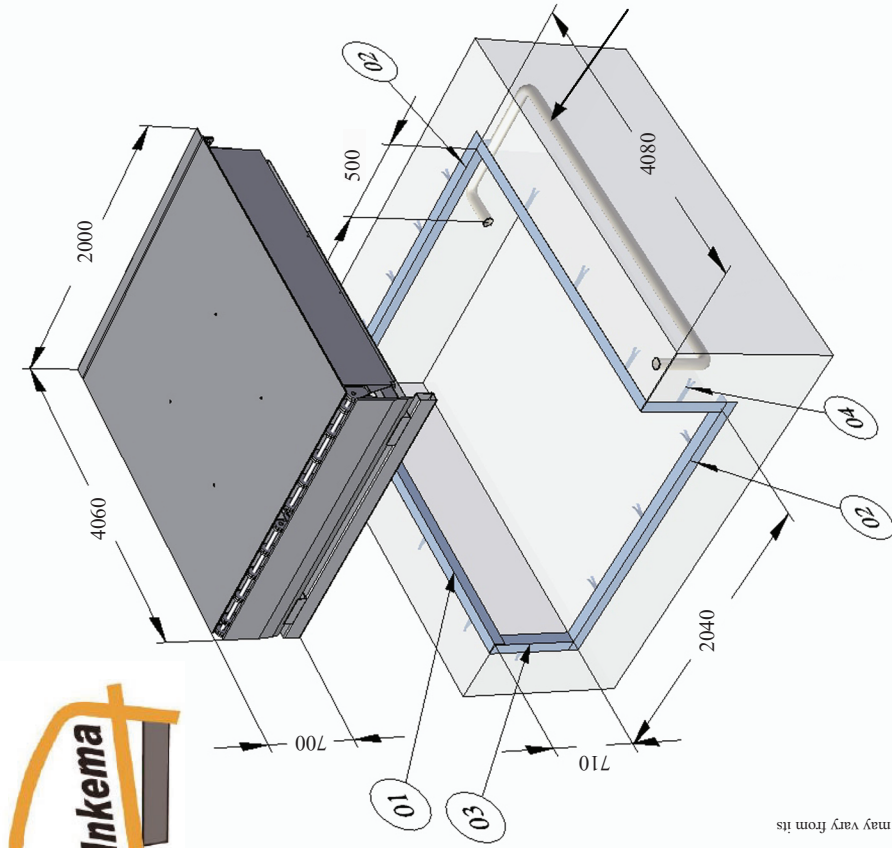
NB: metallic profiles union by 6mm continuous welding
H250 minimum concrete quality with thickness higher or equal to 200mm

(*) Materials not included with the leveller / to be purchased separately.

(**) Parts with any kind of mechanisation (ask drawing to the Technical Dept.)

Inkema keeps its right to modify, if necessary, any part of the set.
Dimensions and capacities shown in the drawing are real, noting that the set's image may vary from its final construction.

Client: RAV BARIACH (08) IND. INC.	Installation: Q1 2021 Option A	Date:	2020-09-01	Description: Dock leveler RH11 swing lip for embedded pit	N° offer: 1140002289	000010
		Created by:	D.LASO			



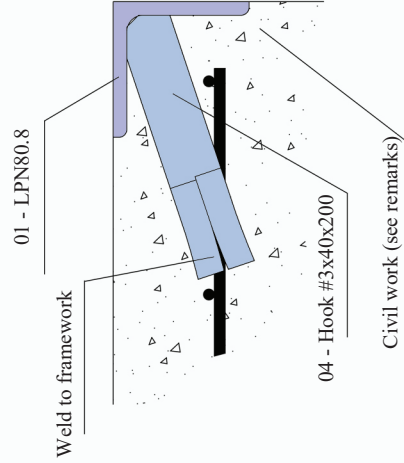
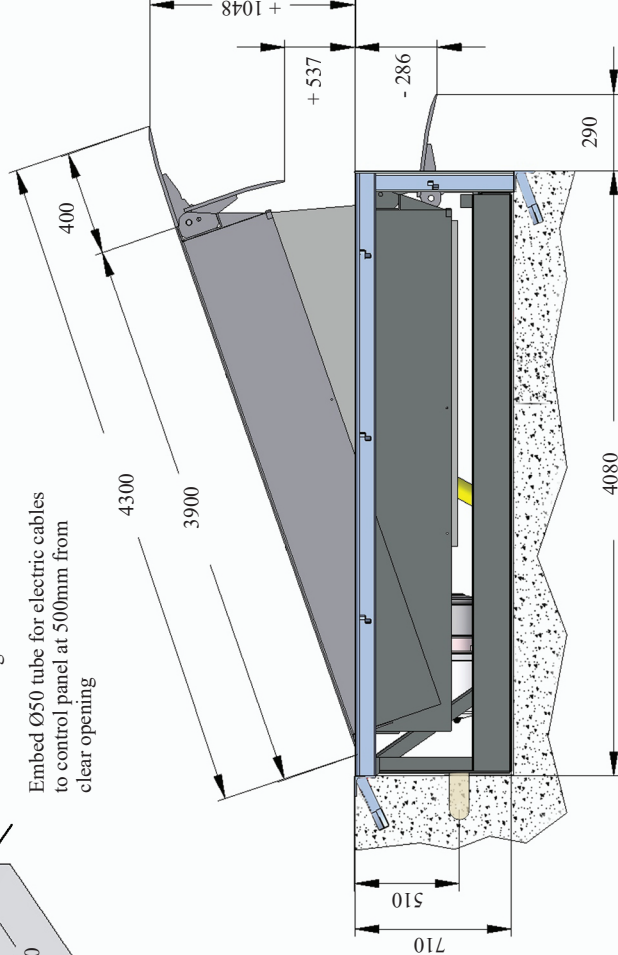
Pre-frame material list (*)

Pos.	Des.	Un.	Dim.
01	LPN80.8	2	L = 4070
02	LPN80.8	2	L = 2200
03 (**)	LPN80.8	1+1	L = 710
04 (**)	Hook	15	#3x40 x 200

Load capacity	6 t
Machine at pit level:	NO
Hinged lip length	400 mm

Allowance for guide cable inside the tube

Embed Ø50 tube for electric cables
to control panel at 500mm from
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Attachment detail

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Dimensions and capacities shown in the drawing are real, noting that the set's image may vary from its final construction.

Client:	Installation:		Description:		N° offer: 1140002205	000010
RAV BARIACH (08) IND. INC.	GY project	Date:	2020-08-19	Dock leveler RH11 swing lip for embedded pit		
		Created by:	K.MAROSKI			