

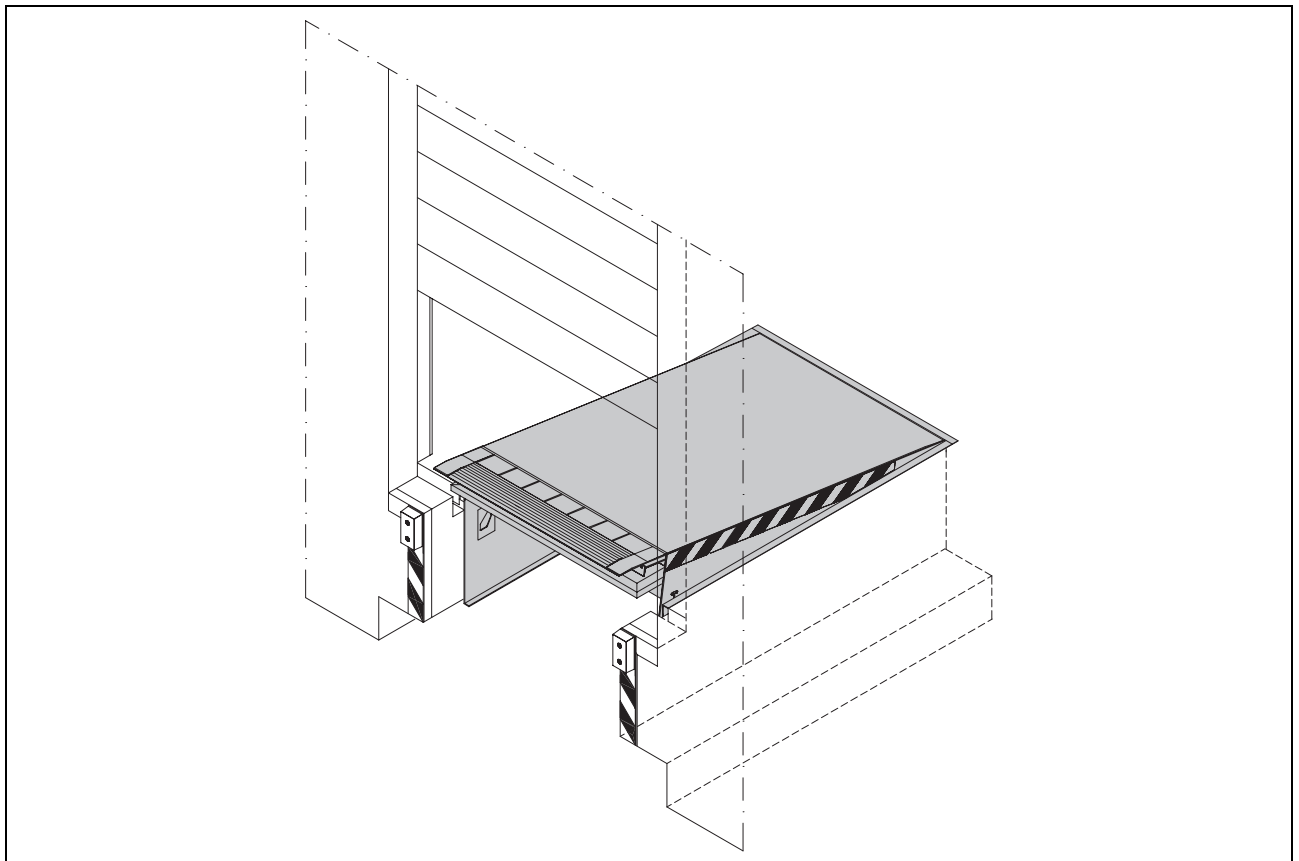
Product data sheet

Crawford
624 Isodock

Hydraulic dock leveller with telescopic lip

Serial no.: A4100124

Load capacity: see specification plate



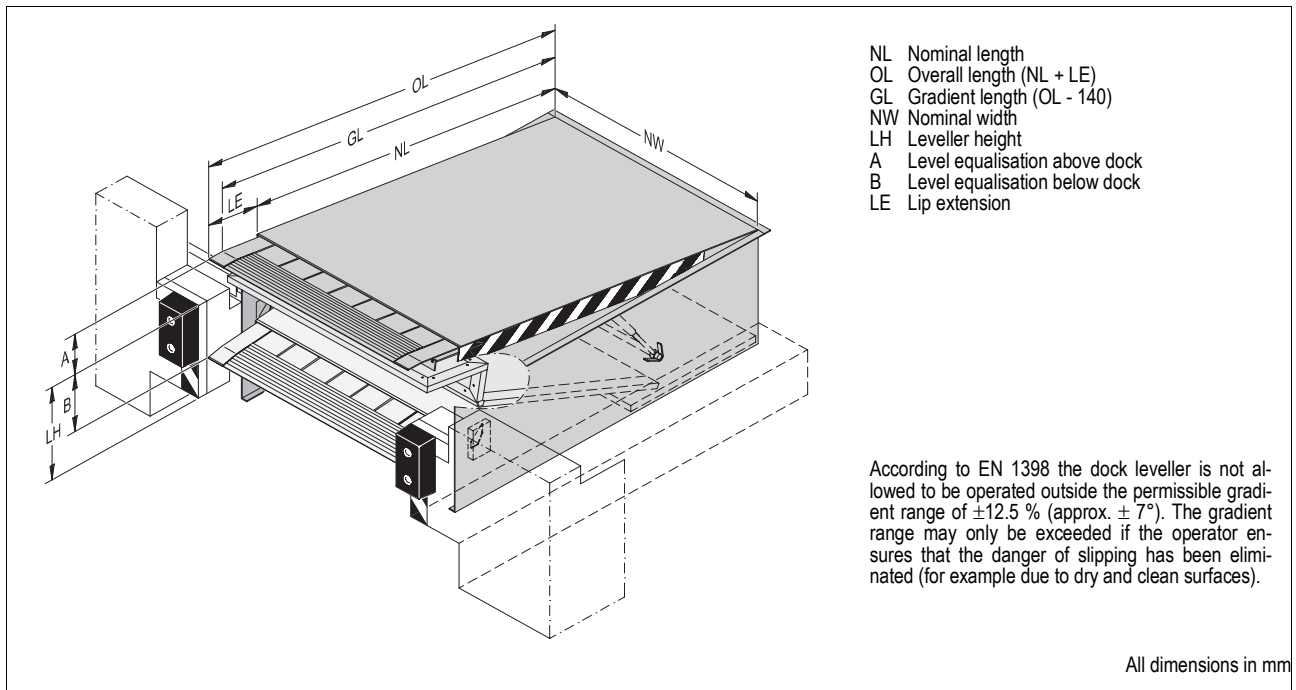
Crawford 624 Isodock for temperature controlled warehouses

The new Crawford 624 Isodock is a further development of the proven ISO-system which had been developed especially for temperature controlled warehouses. Compared to a standard solution the new loading system saves up to 75% of energy costs. The new all-in-one, ready-to-install unit including the complete insulation is suspended in a single work processing into the dock ceiling.

The new movable insulation which consists of polyurethan foam and FCKW-free sections and which encapsulate the loading bay downwards allow to achieve considerable savings in energy. time and installation costs can be minimised because a ulterior installation of the panel sealings under the platform is not longer necessary.

There is also another advantage: the insulated sectional door is driven directly onto the insulation which is installed underneath the dock leveller. This way the door height is less important than with the former ISO-system and now it is possible to operate the door either by an electric drive or manually.

With the new Crawford 624 Isodock encasing works on the anti freezing apron of the pit are even easier than before. The gap for the door is only necessary for the upper area. Thanks to this new design the force of impact of a lorry which arrives at the loading bay and which had always been a big problem is conducted directly in the building through the buffers. This allows to reduce not only costs for energy but also building costs. Like the former insulated loading bay the new loading bay is also suitable for tail-lifts.



	Nominal length		
	2000	2500	3000
Leveller height	830	830	900
Pit depth	850	850	920
Level equalisation above dock	380	450	520
Level equalisation below dock	460	450	450
Overall length	3000	3500	4000
Gradient length	2860	3360	3860

Nominal width for all sizes: 2000, 2200 und 2400 mm

Extension for all sizes: 1000 mm

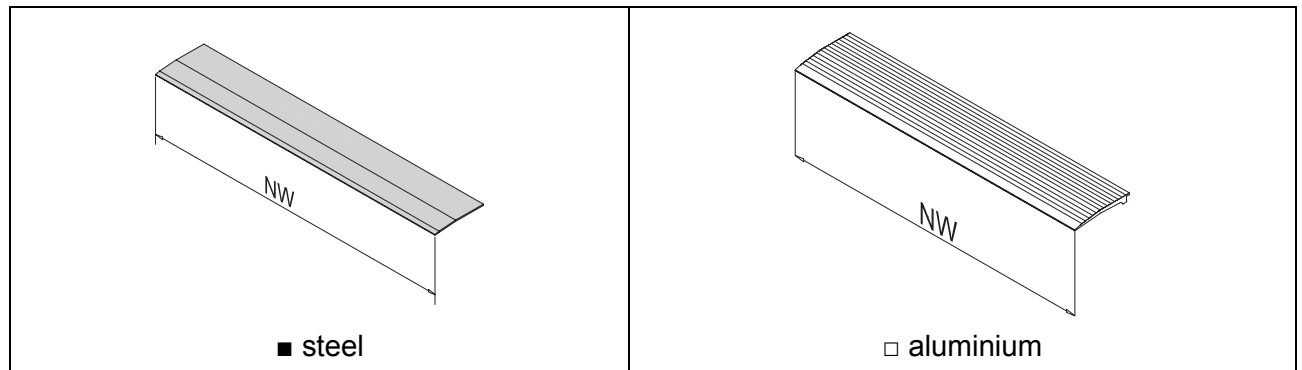
Load capacity for all sizes: 60 kN

OPTIONS

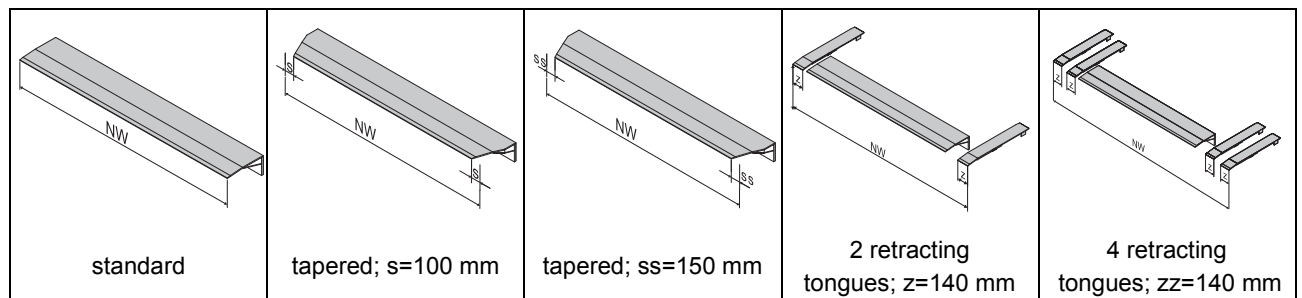
<p>Surface</p> <p>Standard colour RAL 5010 <input checked="" type="checkbox"/></p> <p>Off standard colour RAL XXXX <input type="checkbox"/></p> <p>Hot galvanized <input type="checkbox"/></p> <p>Hydraulic Equipment</p> <p>Low noise hydraulic unit <input checked="" type="checkbox"/></p> <p>Three hydraulic cylinders <input checked="" type="checkbox"/></p> <p>Low temperature oil <input type="checkbox"/></p> <p>"BIO" oil (Environment) <input type="checkbox"/></p>	<p>Lip options</p> <p>Lip length 1000 mm <input checked="" type="checkbox"/></p> <p>Steel lip bevelled, 40 mm <input checked="" type="checkbox"/></p> <p>Steel lip bevelled, 60 mm <input type="checkbox"/></p> <p>Energy & Ergonomics</p> <p>EPDM seal <input checked="" type="checkbox"/></p> <p>Slip Protection / Noise Reduction <input type="checkbox"/></p>
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■ = standard □ = option




Lip material



Lip options



Drawings show steel model.

<div style="text-align: center;">CONTROL UNITS</div> <div style="text-align: center;">OPTIONS</div>	<div style="text-align: center;">SuperVISION 205A</div> 	<div style="text-align: center;">SuperVISION i205</div> 	<div style="text-align: center;">SuperVISION i305</div> 
Control Options Integrated door control Integrated dock shelter control Integrated door / dock shelter control Limit switch cross traffic position Auto retraction Voltage 400 V Voltage 230 V Cable harness, 7m Cable extension Infrared Interface On/off dock shelter control	- - - -* <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> -	- - - <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> -	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Safety Options hafa SafeGuard Automatic return in cross traffic position Auto button Mains isolator Emergency stop push button External emergency stop push button hafaEYE or traffic light** Wheel chock	<input checked="" type="checkbox"/> - <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> -* -*	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Service Options Maintenance indicator Fault indicator	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Facility Management BUS Network Interface Crawford Dock Management	- -	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>
Equipment Dock light Interlocking leveller/ door (photocell)	-* <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

■ = standard □ = option - = not available

* only available as equipment but not in connection with a control unit

** depends on site situation (see hafaEYE restriction)

Pit design, model Crawford 624 Isodock

1 Electrical controls included
2 Conduit wiring, internal diameter 70, angles $\leq 45^\circ$ (by others)
3 Plain steel dowel $\varnothing 20$; up to 200 long (by others)
4 Angle 120x80x10 (by others)
5 Note! After installation this rebate must be carefully grouted with C25 concrete (by others).
6 Adjust correct horizontally level for the leveller by adjusting the screws.
7 Square cornered
8 Rear detail
9 Side detail
10 Finished floor level
11 Yard level
12 1% slope
13 Minimum depth required for tail-lift recess 3000 (recommended)

The wall-thickness has to be dimensioned under consideration of the vehicle impact-force F.
Recommended: $WT \geq 300$

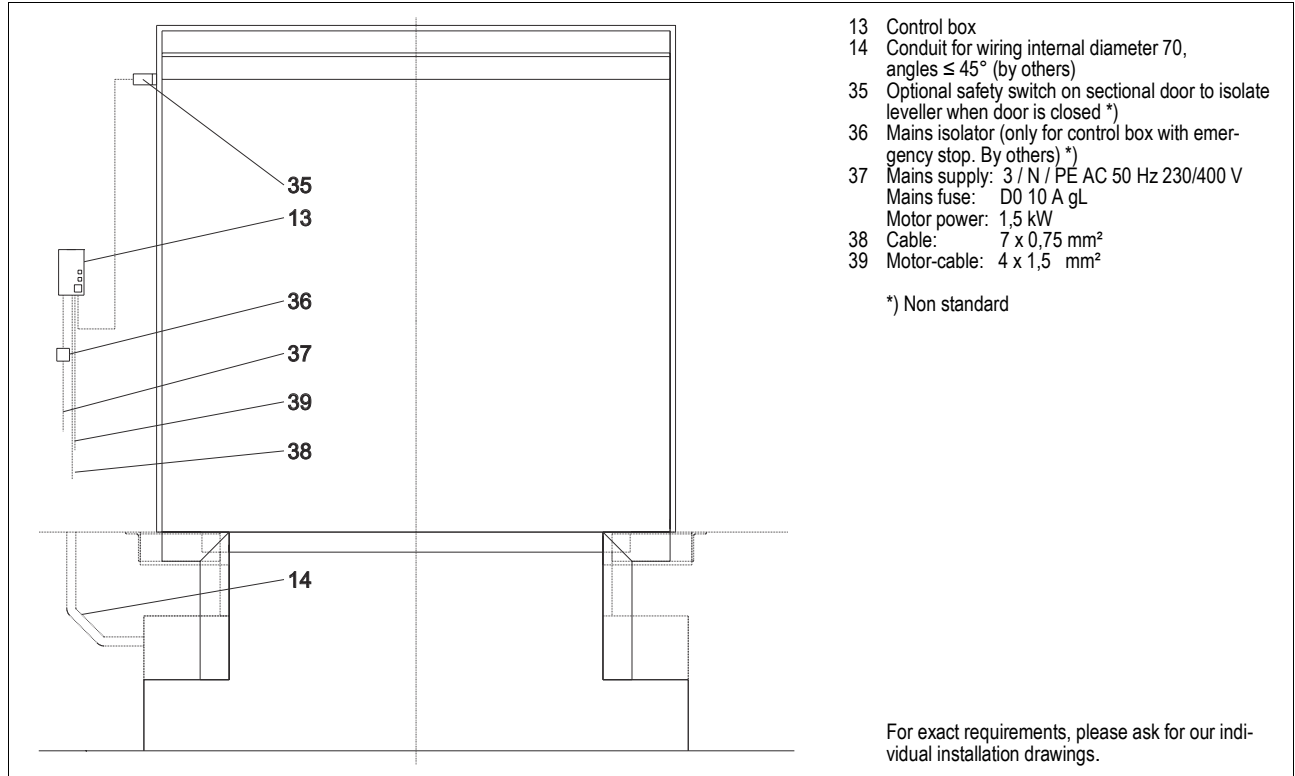
! The horizontal impact load F must be absorbed by the structure not by the leveller frame!
F1 = 57kN cross traffic
F2 = 45kN emergency stop

Note!
Do not deviate from the measurements given.
The pit walls must be vertical.
The corners of the pit must be square (diagonals must be equal).
The preparation of the pit and dowels by others.

NL Nominal length
PL Pit length (=NL + 20)
NW Nominal width
PW Pit width (NW + 60)
LH Leveller height
DW Door width
DH Dock height
DOH Door overall height
WT Wall-thickness

		Nominal length NL					Nominal width NW		
		2000	2500	3000			2000	2200	2400
Pit length	PL	2020	2520	3020	Pit width	PW	2060	2260	2460
Leveller height	LH	830	830	900					
	e	1850	1850	2100					
	Lf2	290	760	1000					

Electrical preparations (by others)



Standard Buffer					
Buffer, model RS		Buffer, model RB		Buffer, model RB 1,5	
1 plate (galvanized) 2 buffer 400x80x70 Art.-no.: R0060139		1 plate (galvanized) 2 buffer 500x250x90 Art.-no.: R0060104 1 plate (galvanized) 2 buffer 500x250x140 Art.-no.: R0060103		1 box (galvanized) 2 buffer 500x250xD 3 buffer 250x250xD left D = 90 Art.-no.: R0060136 D=140 Art.-no.: R0060151 right D=90 Art.-no.: R0060137 D=140 Art.-no.: R0060152	
Reinforced Buffer					
Buffer protection plate for model RB		Buffer, model RB with sloping box		Steel Spring Buffer	
Protection plate (galvanized) 485x235x15 D=140 Art.-no.: 0R060173 D=90		1 box (galvanized) 2 buffer 500x250x90 Art.-no.: R0060170 1 box (galvanized) 2 buffer 500x250x140 Art.-no.: R0060170		1 plate (galvanized) 2 steel spring 3 buffer \varnothing 130x125 Art.-no.: R0060177 Hx160x150 H=600 or 800	
Protection plate (galvanized) 485x235x15 D=140 Art.-no.: 0R060175 D=90		Protection plate (galvanized) 485x235x15 D=140 Art.-no.: 0R060175 D=90		Protection plate (galvanized) 485x235x15 D=140 Art.-no.: 0R060175 D=90	
Special Buffer					
Height-adjustable Buffer, model EBH		Floating Buffer, model EBF			
Art.-no.: R0060134 D=90 or D=140 Option: Steel Spring Buffer 600x160x220 1 plate (galvanized) 2 steel spring 3 buffer \varnothing 130x125		Art.-no.: R0060135 D=90 or D=140			

All sizes in mm [HxBxD].

We reserve the right to alter technical specifications