

## DATA SHEET

### Main properties



Telescopic lip



Pit model for welding



Rated loads up to 60 kN  
acc. to EN 1398



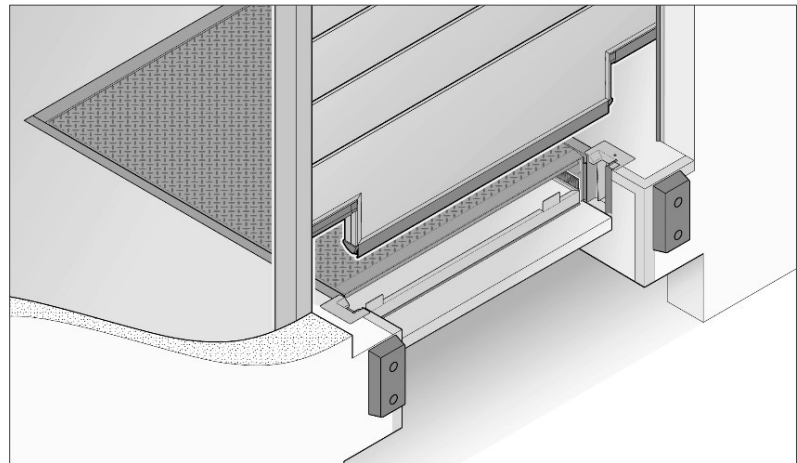
Ordering lengths up to  
4500 mm



Insulated dock leveller

## Dock leveller HTL2 ISO pit model P

Insulated hydraulic dock leveller with telescopic lip. Self-supporting steel articulated design in accordance with EN 1398.



### Dimensions (mm)

Ordering width	2000, 2100, 2250						
Ordering length	2000	2500	2750	3000	3500	4000	4500
Installation height	595	595	645	645	745	745	745

### Work area (mm)

Permissible values up to 12.5% gradient/ slope acc. to EN 1398 and with telescopic lip extended.  
The maximum height adjustment may deviate.

<b>Telescopic lip 650</b>	A above level	280	350	380	415	470	530	590
	B below level	320	325	395	375	460	435	415
<b>Telescopic lip 950</b>	A above level	310	-	-	-	-	-	-
	B below level	350	-	-	-	-	-	-
<b>Telescopic lip 1150</b>	A above level	-	405	440	470	530	590	650
	B below level	-	375	450	430	510	480	450

Construction		Standard / option ● / ○		
<b>Design</b>	Dock leveller with torsional flexibility, platform with reinforcement profiles at the bottom side, telescopic lip with gradient, electrohydraulic system with 2 main cylinders and 1 lip cylinder, self-supporting steel frame, calculation according to the finite elements method			
<b>Safety components acc. to EN 1398</b>	Emergency stop valves, emergency stop switch, restart inhibition, maintenance support, foot guard plates, yellow / black safety markings			
<b>Rated load acc. to EN 1398</b>	60 kN			●
<b>Note for forklifts with hard rollers</b>	Restriction of total weight of industrial trucks with PU / Vulkollan rollers recommended to prevent lane grooves in the platform: For reach lift truck max. 4 t			
<b>Platform material</b>	Moulded, anti-slip steel (running plate S235)			●
<b>Platform material thickness</b>	8/10 mm			●
<b>Lip material</b>	Moulded, anti-slip steel (running plate S355)			●
<b>Lip material thickness</b>	15/17 mm			
<b>Lip length</b>	650 mm			●
	950 mm (with dock leveller ordering length = 2000 mm)			○
	1150 mm (with dock leveller ordering length > 2000 mm)			○
<b>Free overlap length</b>	390 mm (IC lip)			●
<b>Lip shape</b>		Ordering width (mm)	≤ 2000	> 2000
Type R	Straight		●	○
Type S	100 mm chamfering on each side		○	●
<b>Dynamic seals</b>	Vertical and horizontal gap sealing, brush seals, seals made of tarpaulin material			●
<b>Insulation</b>	Insulation panels, 50 mm thick, directly below the platform and lip			●
Lip insulation panel	moves when extending			●
Platform insulation panels	Flush with the dock leveller at the front (for door guide on dock leveller)			●
	Protruding 160 mm at the front (for door guide in front of dock leveller if door should close on panel)			○
Surfaces		Standard / option ● / ○		
<b>Coating</b>	Steel surfaces sand-blasted, coated with 2-component PUR paint, 60 to 80 µm			●
	Steel surfaces sand-blasted, galvanized			○
<b>Paint colour</b>	Traffic black, based on RAL 9017			●
	RAL to choose, except for metallic and signal colours			○
<b>Anti-slip coating</b>	Running plate coated with polyurethane with injected Twaron fibres, approx. 1 – 2 mm thick on the platform and lip, anti-slip class R11 acc. to DIN 51130			○
<b>Acoustic insulation</b>	Running plate coated with polyurethane with injected Twaron fibres, approx. 3 – 4 mm thick on the platform and approx. 1 – 2 mm thick on the lip, anti-slip class R11 acc. to DIN 51130			○

Operator and control		Standard / option	● / ○
<b>Hydraulics temperature range</b>	Suitable for temperatures from -10 to +50°C under the dock leveller		●
	Suitable for temperatures from -25 to +50°C under the dock leveller		○
<b>Motor power</b>	1.1 kW		●
<b>Connecting voltage</b>	400 V / 3-phase		●
	230 V / 3-phase		○
	230 V / 1-phase		○
	Additional connecting voltages on request		○
<b>Supply frequency</b>	Either 50 or 60 Hz		●
<b>Operator protection category</b>	IP 54		●
<b>Control protection category</b>	IP 65 (jet-water protected)		●
<b>Control elements</b>	Membrane push buttons integrated in the housing for separate actuation of the dock leveller and telescopic lip with press-and-hold actuation and "Return" button for automatic return to the loading position		●
<b>Control type</b>	420 T Basic control		●
	420 Ti Combination control with integrated door operation		○
	560 T Multi-control with extended functions and connections		○

Control equipment		420 T	420 Ti	560 T
Standby / error message display	LED operation indicator	●	●	
	4 × 7-segment display			●
Operation	Automatic impulse return	●	●	●
	Convenient telescopic lip operation	●	●	●
	Illuminated keyboard			●
	Integrated control button for dock shelter			●
	Integrated door operation		●	
	External control DTH-T, required when the dock leveller is not completely visible from the control housing	○	○	○
Prepared connections and functions	Wheel chock with sensor	●	●	●
	Dock leveller release function	●	●	●
	Door release function	○	○	●
	Door with automatic operator closing function			○
	Semi-operation			○
	Bluetooth receiver for BlueControl app			●
	HCP bus interface for SmartControl, for example			●
Bluetooth receiver for BlueControl app			●	
<b>Energy efficiency</b>	Energy saving mode	●	●	●

## Fitting

### Fitting model

Pit model P

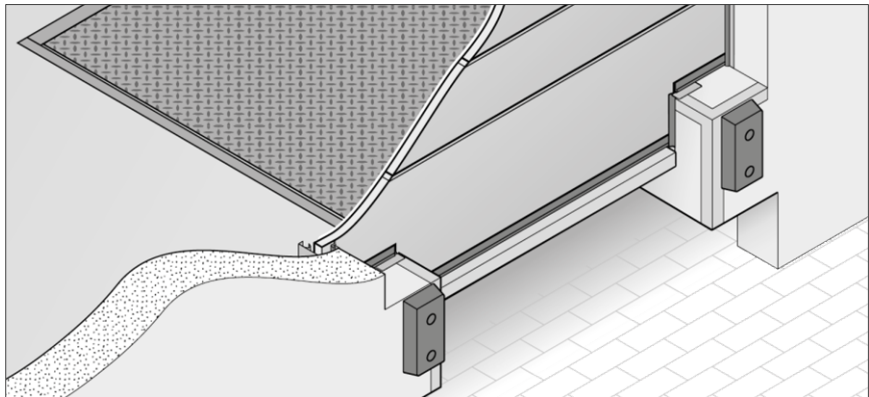
### Fitting

Fitting by welding in a pit prepared to manufacturer's instructions, with cut-outs on reverse face for an exact weld seam

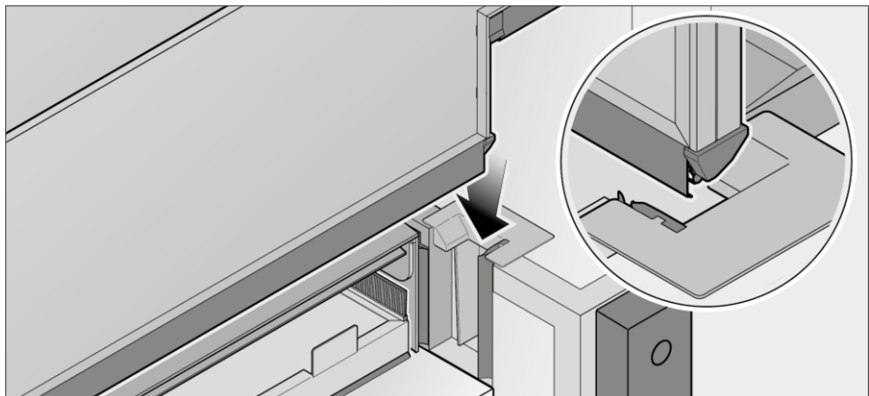
### Protective film

Platform optionally provided with protective film, as standard when equipped with anti-slip coating or acoustic insulation

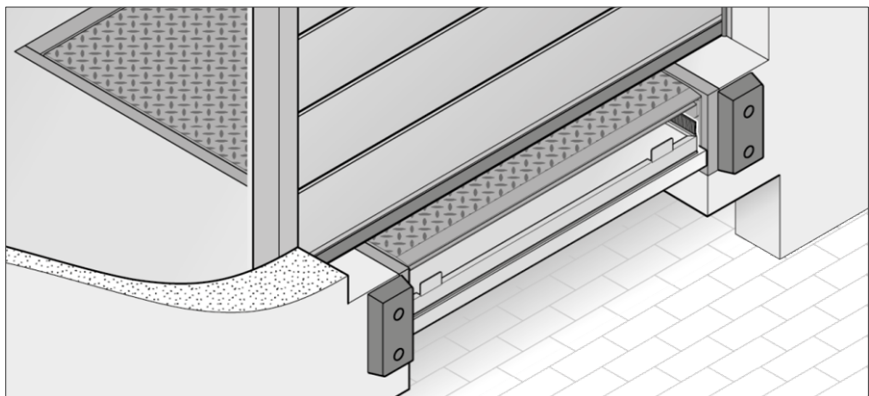
Fitting situation with door guide in front of dock leveller: telescopic lip 1150 or 950 mm required, door closes on protruding insulation panel of dock leveller, combination with low-track Hörmann sectional door recommended



Details: low-track sectional door with sealing and centering unit, dock leveller with 160 mm protruding panel



Fitting situation with door guide on dock leveller: insulation panel flush with dock leveller at the front



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