

DATA SHEET

Main properties



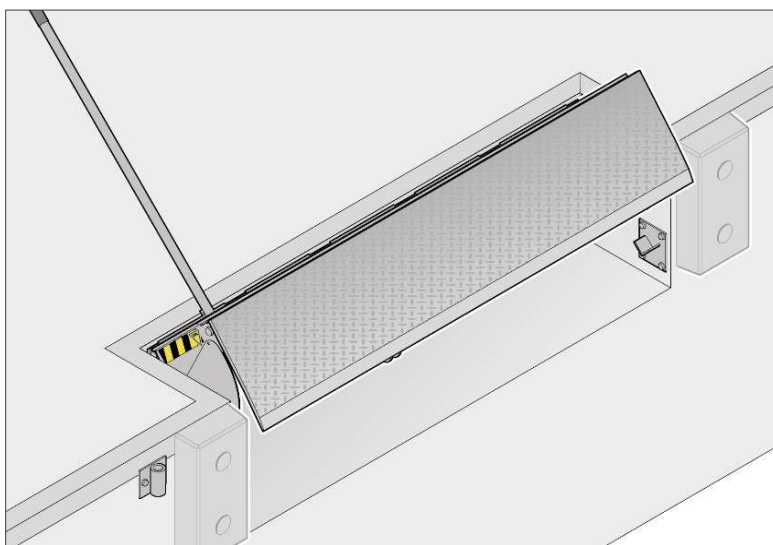
Manual operation



Hinged lip

Mechanical dock leveller MLS

Manually operated dock leveller with hinged lip. Self-supporting steel articulated design in accordance with EN 1398. (fig. with buffers DB15)



Dimensions (mm) and rated load

	1250	1500	1750	2000	2250
Ordering width	1250	1500	1750	2000	2250
Dock leveller length	735	735	735	735	735
Length in home position	435	435	435	435	435
Lip length	405	405	405	405	405
Rated load acc. to EN 1398	45 kN	45 kN	45 kN	60 kN	60 kN

Work area

Permissible values up to 12.5% gradient/slope acc. to EN 1398. The maximum height adjustment may deviate.

Levelling +68 mm above level/ -106 mm under level

Design

Design Steel construction, welded, rear mounting plate, platform with reinforcement profiles on the underside, lip with slope. Calculation according to the finite elements method. Operation via a control bar with chain. Counterbalance via gas spring.

Safety components acc. to EN 1398 Maintenance support, foot guard plates, yellow/ black safety markings

Note for forklifts with hard rollers Restriction of total weight of industrial trucks with PU/Vulkollan rollers recommended to prevent lane grooves in the platform:

for rated load ≥ 50 kN max. 5.0 t for industrial truck

for rated load ≥ 30 kN max. 3.0 t for reach lift truck

Platform material Moulded, anti-slip steel (running plate S235)

Platform material thickness 6/8 mm

Lip material Moulded, anti-slip steel (running plate S355)

Lip material thickness 12/14 mm

Lip length 405 mm

Length in front of ramp approx. 300 mm, suitable for buffer DB15 (PU), SB15

Surfaces		Standard / option	● / ○
Dock leveller coating	Steel surfaces blasted, coated with 2-component PUR paint, 60 to 80 µm		●
	Steel surfaces sand-blasted, galvanized		○
Paint colour	Traffic black, based on RAL 9017		●
	RAL to choose, except for metallic and signal colours		○
Anti-slip coating	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		○
Acoustic insulation	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		○
Fitting			
Fitting	Fitting by welding in a pit prepared to manufacturer's instructions, with cut-outs on reverse face for an exact weld seam		

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