

DATA SHEET

Main properties



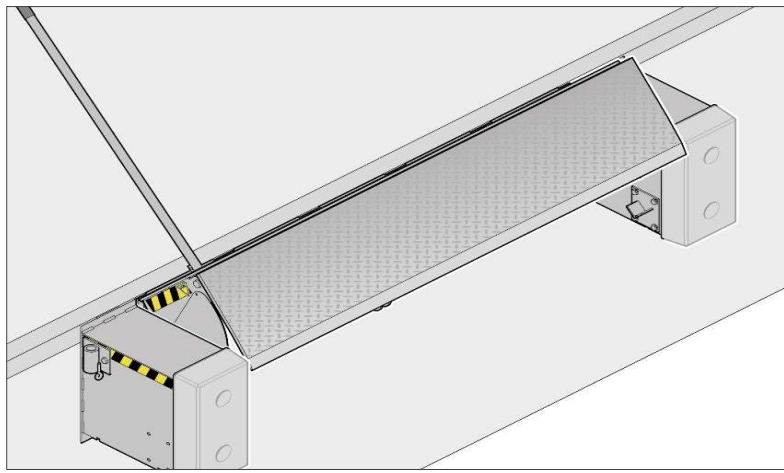
Manual operation



Hinged lip

Mechanical loading platform MRS-V

Manually operated loading platform with hinged lip. Self-supporting steel articulated design in accordance with EN 1398. Laterally with vertically aligned buffer brackets. (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. With support brackets on both sides to hold buffers.

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 support bracket approx. 300 mm

Support bracket 435 mm deep, vertical arrangement, suitable for buffer DB15 (PU), SB15

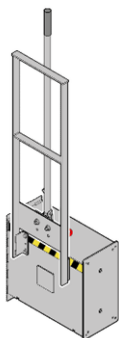
Note dock seal / shelter min. 900 mm depth required

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		○
Support bracket surfaces	Steel surfaces sand-blasted, galvanized		●
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		○

Optional extras		Standard / option	● / ○
Safety catch	Rails for outside the support brackets		○

Fitting	
Fitting	Fitting by welding to hall opening, connection according to manufacturer's specifications, with cut-outs on reverse face for an exact welding seam

Buffer bracket with rails



The information above, in particular the specifications and illustrations, are not binding and do not constitute an agreement on quality or a guarantee. Changes and errors are expressly reserved. The data sheet is subject to copyright. No part may be reproduced without our prior permission.