Mechanical dock levellers

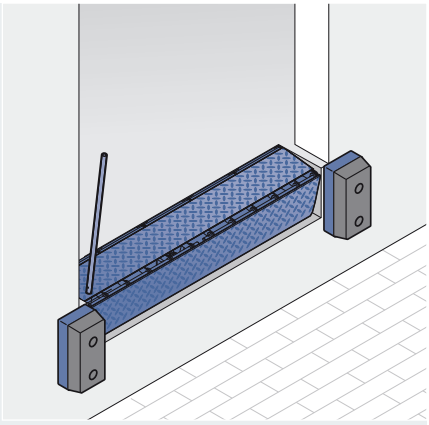
Manual operation with nearly identical loading heights.

In cases where lorries with almost identical loading heights are used, i.e. for uniform fleets, the proper planning of the dock height results in minimal height differences to the loading surface of the vehicles. With a standard rated load of 60 kN, the MLS and MRS mechanical dock levellers are able to meet most demands and are the most economic solution for such situations. They are simple to operate via a control bar and of course fulfil the requirements for dock levellers as stipulated in EN 1398.

Hörmann practical application tip: With MRS ramp houses, use a flap dock shelter (see model DSS) of at least 900 mm depth to bridge the depth of the side brackets and buffers.

Dock leveller MLS // NEW

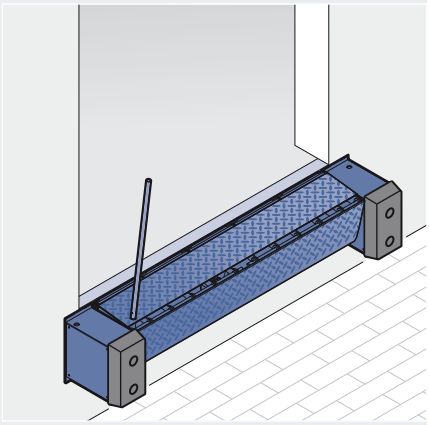
For fitting into a prepared pit recess in the building floor. The MLS dock leveller can be welded in quickly and easily. Optionally, it can be equipped with a cast box to be completely set in concrete during the construction phase.



Dock leveller MLS
Fitting in the building floor.

Ramp house MRS // NEW

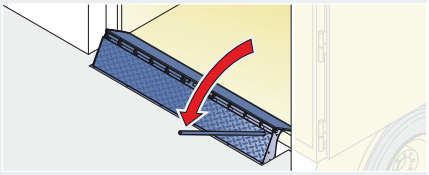
The entire ramp house with mechanical dock leveller and side brackets is simply positioned outside in front of the opening. It is quickly fitted without a recess in the building and can even be attached to existing ramps. The side brackets, arranged either vertically or horizontally, constitute the sub-construction for the buffer. They can be simply screwed onto the existing screw-in sleeves.

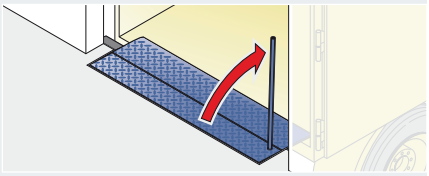


MRS dock leveller
Fitting in front of the building, either with vertical or horizontal buffer supports. Recommended dock shelter **DSS** with 900 mm depth

Working range

	MLS, MRS		
Ordering widths	1750 mm	2000 mm	2250 mm
Working range	With max. 12.5% gradient in accordance with EN 1398: 68 mm above dock level, 106 mm below ramp level		
Dock leveller length	approx. 735 mm		
Bearing surface	approx. 150 mm		
Support depth	Type MRS: 435 mm without buffers		

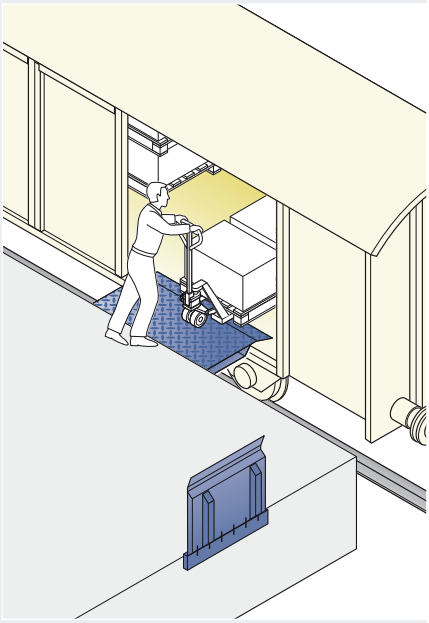




Easy operation via gas spring support

Bascule bridges

These dock levellers made of heavy duty corrosion-resistant aluminium are used for small to medium height differences and can be operated by a single person.
For side loading and unloading of lorries and railway cars, sideways shifting versions are available.



Bascule bridges
sideways shifting for fitting to ramps