

HEGENSCHEIDT-MFD



RAILING SYSTEM

APPLICATION AREAS AND USE

HEGENSCHEIDT-MFD presents a new railing system that significantly facilitates overall use by consistently reducing the weight of the individual components, thus offering an even higher level of safety in the railing process. The individual components of HEGENSCHEIDT-MFD railing technology are matched to each other in terms of their design, lifting height, load capacity and performance so that they comply with the latest railroad engineering standards.

From streetcars to heavy freight trains, the system is designed in such a way that, depending on the combination of components, any rail vehicle can be elevated and railed in. The railing system offers the possibility to be used even on single-track lines. On multi-track lines, the siding is not blocked, and on electrified lines, there is no need to dismantle the overhead lines altogether. With the new railing system, HEGENSCHEIDT-MFD sets a benchmark for the highest safety requirements. User-friendly, easy handling, but also robustness and stability clearly speak for the new system from HEGENSCHEIDT-MFD.

ADDED VALUE

- 100% control for repositioning of the shifting cylinder and simultaneous fastening of the lifted load- unique solution in railing technology
- Lifter with integrated base plate for optimum stability and use of a reliable safety valve
- Weight reduction of the lifters by up to 20% compared to previous models
- Even more compact control panel design with the latest technology equipment compared to the previous model
- New development tripod generation/control desk, separate transport option, steplessly height-adjustable and space-saving design



MACHINE SPECIFICATION

PUMP UNITS

		Petrol	Electric
Engine power	kW	4,1 – 8,1	5,5
Flow rate	l/min	5,6 – 10,8	8,5
Oil quantity	l	30 – 70	70
Operating pressure	MPa	30	30

CONTROL DESKS

Connections	Piece	4 / 6
Weight	kg	25 / 36
Operating pressure	MPa	30

LIFTER

Overall height	mm	130 – 450
Total stroke	mm	45 – 589
Lifting force	kN	191 – 1.246
Operating pressure	MPa	30

LATERAL SHIFT

Pressure force	kN	132,5
Tensile force	kN	95
Load capacity trolley	kN	150 – 1.200
Spacer	mm	538 – 2.643

AUXILIARY TOW TRUCK

Load capacity	kN	120 – 250
Min. curve radius	m	11 – 50
Total weight	kg	130 – 240

MAXIMALE SCHLEPPGESCHWINDIGKEITEN

Straight line (R>120m)	km/h	40
Curve range (50m<R<120m)	km/h	20
Curve range (25m<R<50m)	km/h	10
Curve range (11m<R<25m)	km/h	6
Switch area	km/h	6

