

LIFTING TECHNOLOGY

SCISSORS LIFT

R-AS40CM BA
VP 250236



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The scissors lift R-AS40CM BA, for flush-floor installation, lifts vehicles of up to 4.0 t and is optimally suited for wheel alignment checks due to its high level of stability. Its robust and well-established construction is designed for maximum service life and for high vehicle throughputs when used for vehicle testing. Protected within the lifting cylinders, the integrated maintenance-free displacement measurement sensor (absolute linear measurement system) eliminates the need for light barriers for synchronisation monitoring and electric switches for lift height detection.

PRODUCT DETAILS/ACCESSORIES

- Inground Installation -

Standard Delivery:

- Scissors lift for inground installation
- High lateral stability and bending strength, very suitable for wheel alignment
- Extremely rugged structure, designed for high vehicle throughputs and very long life expectancy
- Electronic-hydraulic synchronisation of runways and Wheel-Free-Jack (opt.)
- Distance measurement system integrated into lifting cylinders (Linear absolute measurement system)
- Immediate switch-off at (one-sided) collision with obstacle at minimum height difference
- Comfortable operation due to programmable stop point
- Durable foil keyboard
- Latches and cylinder racks as extra safety feature

- Generous lifting height of 2,100 mm, ideal for installation in strip foundation
- Pinch point protection by acoustic signal CE STOP
- Anti-corrosion treatment of lock seams, cavity sealing
- Powder coating:
 - Anthracite Grey, RAL 7016 (Runways, Runway structures, Drive-on ramps, Base frame)
 - Window Grey, RAL 7040 (Scissors, Control Desk)

Standard delivery:

- Scissors lift, model: R-AS40CM BA
- Operation desk with control and hydraulic unit
- 4 roll-off flaps for flush-floor installation
- 2 pneumatic couplers at runway
- 8 Cord ears to be used as transport aid
- Operating manual

TECHNICAL DATA

Load capacity CE	4,000 kg
Load capacity CE with Wheel-Free jack	4,000 kg
Overall dimensions (LxWxH)	5,800 x 2,075 x 240 mm
Drive-on height	240 mm
Runway dimensions (LxWxH)	4,400 x 617 x 126 mm
Installation depth	250 mm
Lifting height max.	2,075 mm
Full travel	1,850 mm
Raising/Lowering time (load-dependent)	approx. 40 s/40 s
Motor power	2.5 kW
Working pressure	190 bar
Supply voltage	3 x 400 V, 50 Hz
Fuse protection	16 A time-delay

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TECHNICAL DATA

Pinchpoint protection	acoustic signal CE Stop
Lift weight	2,650 kg
Shipping weight	2,700 kg
Shipping dimensions (LxWxH)	4,500 x 800 x 800 mm
Hydraulic oil qty.	40 l

ACCESSORIES

VZ 985060	Manual lowering function with hand pump	VP 985024	Axle Play Detector, Model: PMS 3/XL with Lowerable Prism Blocks
VZ 975013	Runways with Granulate Coating -Extra Charge	VZ 995021	Installation Costs for Standard Installation of Play Detector -NET PRICE-
VZ 970028	Short Lifting/Lowering Time approx. 20 s / 20 s (4200 kg) approx. 30 s / 30 s (5000 kg)	VZ 990199	Safety Switch for Lift in conjunction with Brake Testers MAHA
VZ 975181	Compressed-Air Servicing Unit with Fastening Angle (0 - 10 bar)	VZ 970135	Mechanical Locks (Functions Set on Locks and Runways exactly Level)
VZ 970012	Wheel-Free Jack 4	VZ 975032	Compensating plates (2) for equipment without turning plates
VZ 975074	Hard Rubber Blocks, Plug-in Type (4 pcs.) 120 x 100 x 50 mm	VZ 975455	Granular Coating for Compensating and Support Plates for Turning Plates
VZ 975069	Plastic Chocks (4 pcs.) (47 x 132 x 340 mm)	VZ 975027	Aluminium Covers for Sliding Plates (2 pcs.)
VZ 990432	LED Illuminant, 2 pcs (1 pcs per each Runway)	VZ 975108	Compensating Plates (2 pcs.) f. Lift w/o Wheel-Free Jack (without Granulate Coating)
VZ 990433	LED Illuminant, 4 pcs (2 pcs per each Runway)	VZ 975454	Granular Coating for Compensating Plates for Lift without Wheel-Free Jack
VZ 990012	Shockproof socket 230 V, integrated into runway (only in combination w. lighting)	VZ 975026	Sliding Plates (2 pcs.) LxWxH: 1060 x 570 x 50 mm
VZ 990029	Light Barrier Safety Device to avoid Contact with Ceiling	VZ 970027	Sliding Plates (2 pcs.) 'Long Version' LxWxH: 1465 x 570 x 50 mm
VZ 990423	Light Barriers at Outer Runway Edges as Extra Pinch Point Protection	VZ 975110	Compensating (>&)- Support Plates for Turning Plates for DUO with 4400 mm Driving Platforms
VZ 970161	External Operating Unit for DUO CM 4.2/5.0 and R-AS40/50	VZ 970022	Compensating (>&)- Support Plates for Turning Plates for DUO with 4800 mm Driving Platforms
VZ 970157	Storage Tray f. Support Blocks mounted below runway (2 pcs.)	SUPPLEMENTARY CHARGES	
VZ 970024	Extended driving runways 4800 mm (in case of 4400 mm runways)	VT 998215	Internal transport -SOUTHScissors lift up to 5.5 t
VZ 975040	Compensating Plates for Level Adaptation of Wheel-Free Jack, h = 50 mm	VT 998216	Internal transport -NORTHScissors lift up to 5.5 t
VZ 975041	Compensating Plates for Levelling of Wheel-Free Jack (runway 4.4m) granulate coat.	VM 996183	Installation Costs for Scissors Lifts (Lump Sum)
VZ 970023	Compensating Plates for Level Adaption of Wheel-Free Jack h = 50 mm (4 pcs),	VM 996072	Install. Charges f. Ceiling Light Barrier -T(>&)-M Basis
VZ 975020	Permanent Tilting Position Removable (only necessary for Above-Floor Installation)	VM 996170	Installation Costs for Grating, Center Platform
VZ 985006	Hydraulic Runway Inclination	VM 995087	Levelling of Scissors-Lift/ Four Post Lift
VZ 972165	Automatic Roll-Off Protection (4 pcs.) incl. Support	VM 999035	Hydraulic Oil (HLP-D 22) per Litre -NET PRICE
VZ 970032	Floor Levelling Platform for Axle Lift in Strip Foundation	VM 999014	Hydraulic Oil, Biodegradable (HLP 32), per litre -NET
VZ 970102	Floor Levelling Platform for Axle Lift in Strip Foundation -wide-	VM 999047	Assembly Material DUO CM/R-AS40CM (Cables, Hydraulic Hoses) 5 m
VZ 975019	Grate within the Driving Platforms for Extended Version 4400 mm	VM 999061	Assembly Material DUO CM/R-AS40CM with Wheel-Free Jack
VZ 975189	Steel Grating within Runways for Extended Version 4800 mm	VM 999049	Assembly material additional for DUO CM/R-AS40CM per meter (max. 8 m)
VP 985007	Axle Play Detector, PMS 3/X for Installation in Front of Scissors Lift	VM 999009	Fixing material (including adjusting pieces, adjusting screws and dowels)