

# LIFTING TECHNOLOGY

## SCISSORS LIFT

**R-AS50CM BA**  
VP 250247



### R-AS50CM BA

#### VP 250247

The scissors lift R-AS50CM BA, for flush-floor installation, lifts vehicles of up to 5.0 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 high vehicle throughputs. 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 2,140 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-AS50CM BA
- Operation desk with control and hydraulic unit
- 4 roll-off flaps for flush-floor installation
- 2 pneumatic couplers at runway
- Operating manual

#### TECHNICAL DATA

Load capacity CE	5,000 kg
Load capacity CE with Wheel-Free jack	5,000 kg
Overall dimensions (LxWxH)	5,200 x 2,210 x 290 mm
Drive-on height	290 mm
Runway dimensions (LxWxH)	5,200 x 630 x 176 mm
Installation depth	300 mm
Lifting height max.	2,140 mm
Full travel	1,850 mm
Raising/Lowering time (load-dependent)	approx. 50 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
Pinch point protection	acoustic signal "CE Stop"

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## TECHNICAL DATA

Lift weight	3,000 kg
Shipping weight	3,200 kg
Shipping dimensions (LxWxH)	5,300 x 800 x 800 mm
Hydraulic oil qty.	40 l

## ACCESSORIES

### ACCESSORIES

VZ 985060	Manual lowering function with hand pump
VZ 975013	Runways with Granulate Coating -Extra Charge
VZ 970028	Short Lifting/Lowering Time approx. 20 s / 20 s (4200 kg) approx. 30 s / 30 s (5000 kg)
VZ 975181	Compressed-Air Servicing Unit with Fastening Angle (0 - 10 bar)
VZ 970012	Wheel-Free Jack 4
VZ 975074	Hard Rubber Blocks, Plug-in Type (4 pcs.) 120 x 100 x 50 mm
VZ 975069	Plastic Chocks (4 pcs.) (47 x 132 x 340 mm)
VZ 990432	LED Illuminant, 2 pcs (1 pcs per each Runway)
VZ 990433	LED Illuminant, 4 pcs (2 pcs per each Runway)
VZ 990012	Shockproof socket 230 V, integrated into runway (only in combination w. lighting)
VZ 990029	Light Barrier Safety Device to avoid Contact with Ceiling
VZ 990423	Light Barriers at Outer Runway Edges as Extra Pinch Point Protection
VZ 970161	External Operating Unit for DUO CM 4.2/5.0 and R-AS40/50

### AXLE JACK, PLEASE SEE SEPARATE PRICELIST!

#### ACCESSORIES R-AS50CM

VZ 970153	Compensating Plates for Level Adaption of Wheel-Free Jack h = 50 mm (4 pcs),
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#### ACCESSORIES R-AS40/50CM BA

VZ 972165	Automatic Roll-Off Protection (4 pcs.) incl. Support
VZ 970032	Floor Levelling Platform for Axle Lift in Strip Foundation
VZ 970102	Floor Levelling Platform for Axle Lift in Strip Foundation -wide-
VZ 975600	Grate within Driving Platform for Extended Version 5200 mm (h= 115 mm)

#### ACCESSORIES TEST LANE LIFTS

VP 985007	Axle Play Detector, PMS 3/X for Installation in Front of Scissors Lift
VP 985024	Axle Play Detector, Model: PMS 3/XL with Lowerable Prism Blocks

VZ 995021	Installation Costs for Standard Installation of Play Detector -NET PRICE-
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VZ 990199	Safety Switch for Lift in conjunction with Brake Testers MAHA
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#### ACCESSORIES WHEEL ALIGNMENT LIFT

VZ 970135	Mechanical Locks (Functions Set on Locks and Runways exactly Level)
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VZ 970042	Double Safety Catch for Precision Under-Carriage Alignment
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VZ 975032	Compensating plates (2) for equipment without turning plates
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VZ 975455	Granular Coating for Compensating and Support Plates for Turning Plates
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VZ 975454	Granular Coating for Compensating Plates for Lift without Wheel-Free Jack
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#### ACCESSORIES WHEEL ALIGNMENT LIFT R-AS50CM

VZ 970159	Sliding Plates (2 pcs.) Long Version (LxWxH: 1800 x 570 x 50 mm)
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VZ 970148	Set of compensating plates for turntables (plain sheet; 5.2 m runway)
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VZ 970149	Set of compensating plates for turntables (plain sheet; 5.2 m runway)
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#### SUPPLEMENTARY CHARGES

VT 998040	Transportkosten Scherenhebebühne
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VM 996183	Installation Costs for Scissors Lifts (Lump Sum)
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VM 996072	Install. Charges f. Ceiling Light Barrier -T&M Basis
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VM 995087	Levelling of Scissors-Lift/ Four Post Lift
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VM 999035	Hydraulic Oil (HLP-D 22) per Litre -NET PRICE
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VM 999014	Hydraulic Oil, Biodegradable (HLP 32), per litre -NET
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VM 999047	Assembly Material DUO CM/R-AS40CM (Cables, Hydraulic Hoses) 5 m
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VM 999061	Assembly Material DUO CM/R-AS40CM with Wheel-Free Jack
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VM 999049	Assembly material additional for DUO CM/R-AS40CM per meter (max. 8 m)
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VM 999009	Fixing material (including adjusting pieces, adjusting screws and dowels)
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