

# LIFTING TECHNOLOGY

## SCISSORS LIFT

**R-AS50CM A**  
VP 250246



### R-AS50CM A

#### VP 250246

The scissors lift R-AS50CM A, for above-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

- Surface Mounted -

##### Standard Delivery:

- Scissors lift for surface mounting
- High lateral stability and bending strength, very suitable for wheel alignment
- Extremely rugged structure, designed for high vehicle

##### throughputs

- and very high 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
- Low drive-on height 290 mm
- Generous lifting height of 2140 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 A
- Operation desk with control and hydraulic unit
- Cover plates for cables and hydraulic hoses
- 2 long ramps, 2 roll-over plates for surface mounting
- 2 pneumatic couplers at runway
- 8 Cord ears to be used as transport aid
- Operating manual

#### TECHNICAL DATA

Load capacity CE	5,000 kg
Load capacity CE with Wheel-Free jack	5,000 kg
Overall dimensions (LxWxH)	6,800 x 2,210 x 290 mm
Drive-on height	290 mm
Runway dimensions (LxWxH)	5,200 x 630 x 176 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 A

VZ 970010	Aluminium Step Ramp for Low-Lying Vehicles e.g. Front Spoiler
VZ 970019	Exit Ramp, Length 1600 mm, for Above-Floor Lifts

### 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-

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)
VZ 970042	Double Safety Catch for Precision Under-Carriage Alignment
VZ 975032	Compensating plates (2) for equipment without turning plates
VZ 975455	Granular Coating for Compensating and Support Plates for Turning Plates
VZ 975454	Granular Coating for Compensating Plates for Lift without Wheel-Free Jack

### ACCESSORIES WHEEL ALIGNMENT LIFT R-AS50CM

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

### SUPPLEMENTARY CHARGES

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