

# LIFTING TECHNOLOGY

## SCISSORS LIFT

**R-AS40CM BA**  
VP 250236



### R-AS40CM BA

#### VP 250236

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           |
| Pinch point protection                 | acoustic signal "CE Stop" |

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### TECHNICAL DATA

|                             |                      |
|-----------------------------|----------------------|
| 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

#### 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-AS40CM

|           |  |
|-----------|--|
| VZ 970157 | Storage Tray f. Support Blocks mounted below runway (2 pcs.)                       |
| VZ 970024 | Extended driving runways 4800 mm (in case of 4400 mm runways)                      |
| VZ 975040 | Compensating Plates for Level Adaptation of Wheel-Free Jack, h = 50 mm             |
| VZ 975041 | Compensating Plates for Levelling of Wheel-Free Jack (runway 4.4m) granulate coat. |
| VZ 970023 | Compensating Plates for Level Adaption of Wheel-Free Jack h = 50 mm (4 pcs),       |
| VZ 975020 | Permanent Tilting Position Removable (only necessary for Above-Floor Installation) |
| VZ 985006 | Hydraulic Runway Inclination   |

#### 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- |

#### ACCESSORIES R-AS40CM BA

|           |   |
|-----------|---|
| VZ 975019 | Grate within the Driving Platforms for Extended Version 4400 mm |
| VZ 975189 | Steel Grating within Runways for Extended Version 4800 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- |
| VZ 990199 | Safety Switch for Lift in conjunction with Brake Testers MAHA             |

#### ACCESSORIES WHEEL ALIGNMENT LIFT

|           |  |
|-----------|--|
| VZ 970135 | Mechanical Locks (Functions Set on Locks and Runways exactly Level)                  |
| VZ 975032 | Compensating plates (2) for equipment without turning plates                         |
| VZ 975455 | Granular Coating for Compensating and Support Plates for Turning Plates              |
| VZ 975027 | Aluminium Covers for Sliding Plates (2 pcs.)   |
| VZ 975108 | Compensating Plates (2 pcs.) f. Lift w/o Wheel-Free Jack (without Granulate Coating) |
| VZ 975454 | Granular Coating for Compensating Plates for Lift without Wheel-Free Jack            |

#### ACCESSORIES WHEEL ALIGNMENT LIFT R-AS40CM

|           |   |
|-----------|---|
| VZ 975026 | Sliding Plates (2 pcs.) LxWxH: 1060 x 570 x 50 mm                                       |
| VZ 970027 | Sliding Plates (2 pcs.) Long Version LxWxH: 1465 x 570 x 50 mm                          |
| VZ 975110 | Compensating & Support Plates for Turning Plates for DUO with 4400 mm Driving Platforms |
| VZ 970022 | Compensating & Support Plates for Turning Plates for DUO with 4800 mm Driving Platforms |

#### 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 996170 | Installation Costs for Grating, Center Platform                           |
| 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) |