

# LIFTING TECHNOLOGY

## TWO POST INGROUND LIFT

**ZS SQUARE II 5.0 P**  
VP 252216



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The two post in-ground lift, with runway, lifts cars and vans of up to 5.0 t. The runway lift, with electro-hydraulic SQUARE lifting unit, is optimally suited for the quick lifting of vehicles. Thanks to the already present rails, an axle jack for wheel-free lifting can also be added to the runway for vehicles with a 4300 mm wheelbase. Optional: Conversion to vehicle reception, wheel alignment or inspection lift with axle play detector, as well as various types of installation (flush-mounted runway, with or without floor compensation). The torsion-resistant SQUARE posts guarantee maximum safety and outstanding tensile strength.

#### PRODUCT DETAILS/ACCESSORIES

##### Description:

Two-post in-floor lift with driving platforms

##### Description of driving platform:

- Driving platform length 4800 mm ideal for cars and transporters
- Ample freedom of movement below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle
- Optionally, can be upgraded to vehicle check-in lift with axle play tester to inspect chassis assemblies
- Optional conversion to chassis measurement lift with precisely aligned driving platforms, sliding plates for tension-free wheel support, driving platform levelling and axle measurement supports
- A high-quality powder-coated platform covering assists in corrosion protection and adds a significant upgrade in terms of appearance
- Optional driving platform coating with granulate coating
- Additional corrosion-resistant treatment in the seam region

and body cavity-sealing increases the service life

- Pre-integrated compressed air connection and optional 230V/1PH energy supply in runways
- All cables are protected inside the SQUARE post
- Optional, no-dazzle rotatable LED lighting
- Various assembly variants for optimum use:
  - Driving platform resting on floor with low drive-on height and platform movement area with no tripping hazard edges
  - Driving platforms flush with floor to facilitate driving onto the lift, no protruding assemblies in the lift area
  - Driving platforms flush with floor to facilitate driving onto the lift, no protruding assemblies in the lift area with complete floor levelling of the platform movement area with no tripping hazard edges
- Runways and ground levelling pre-equipped for the use of an

optional axle lift

- Pinch point and shear point protection thanks to CE stop

##### SQUARE lift unit:

- Outstanding rigidity and optimum safety thanks to torsion-resistant square post
- Very quiet pump and very quiet electric motor in corrosion-proof oil-submerged design, optionally with bio oil
- Electronic lift control with no-contact, wear-free limit switches and visual error display
- Very smooth running due to special long-life nickel coating on posts that promotes sliding, with robust, low-maintenance post design
- Protected internal hydraulic safety cylinder guarantee lengthy service life
- Mobile synchronisation and safety yoke for careful distribution of force in the post guide as standard
- High lifting/lowering speeds are guaranteed (max. 30/20 s)
- Battery-operated emergency lowering
- Optimisation of workplace ergonomics mentioned thanks to optional, standard-independent control via traffic-light energy module or flush-mounted switching system

##### Scope of delivery:

- Driving platform 4800 mm, powder-coated Anthracite Grey (RAL 7016)
- Lift unit with hydraulic assembly
- Ramps and drive-on plates
- Rapid-action compressed-air coupling mounted on driving platform
- Wiring and mounting material
- Lift unit with movable yoke
- Installation box/installation frame not included in delivery
- Emergency DOWN cable for connection to switch box
- Control unit with 2 x 10 m control cables (flexible oil cables)
- Lockable master switch
- Operating manual and test log
- EC Declaration of Conformity CE

#### TECHNICAL DATA

Load capacity CE

5000 kg

Dimensions of driving

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platform (L x W x H)	4800 x 617 x 150 mm
Inner drive-through width	950 mm
Total dimensions (L x W x H)	5868 x 2184 x 150 mm
Max. lifting height	2050 mm
Post dimensions, square	180 mm
Post spacing	1567 mm
Installation depth	2382 mm
Lifting/lowering time depending on load	approx. 30/20 s
Hydraulic oil volume (not included in delivery)	approx. 28 l
Operating pressure	180 bar
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse gG	16 A
Power supply	3/N/PE 400 V 50 Hz

### ACCESSORIES

#### ACCESSORIES RUNWAY COVER

VZ 975013 Runways with Granulate Coating -Extra Charge

#### ACCESSORIES RAMPS/ROLL-OFF SAFETY BARS (not for Design- and Modul Runways)

VZ 972425 Flush-fitted Runway Install. Drive-over Flaps instead of Drive-on Ramps (4 pcs.)

VZ 972153 Auto chocks (2 pcs.), only for flush-fitted installation of runways

VZ 972424 Roll-off Protection, Hinged (MAHA) only for Runways w. Foundation Install. (2 pcs.)

VZ 972150 Exit ramp, for above-floor installation, length 1000 mm

#### ACCESSORIES FOR RUNWAYS

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 990199 Safety Switch for Lift in conjunction with Brake Testers MAHA

VZ 975181 Compressed-Air Servicing Unit with Fastening Angle (0 - 10 bar)

#### AXLE JACK, PLEASE SEE SEPARATE PRICELIST!

#### ACCESSORIES FLUSH-FLOOR RUNWAY 4.800 mm

VZ 972268 Floor compensation, pneumatic, f. runway 4.8 m (only in comb. w. Installation Frame 972269)

VZ 972269 Installation frame f.ZS runway 4.8 m flush-fitted, w. floor compensation (perm. formwork)

#### ACCESSORIES RUNWAYS WITH PLAY DETECTOR

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-

#### ACCESSORIES RUNWAYS FOR WHEEL ALIGNMENT

VZ 972107 Levelling legs, adjustable, working height approx. 1200 mm

VZ 972115 Telescopic Levelling Legs for 2 positions (min. 1375 mm, max. 1700 mm)

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 975027 Aluminium Covers for Sliding Plates (2 pcs.)

VZ 971316 Sliding Plates Precision (2 pcs.) LxWxH: 1150x600x50 mm

VZ 975032 Compensating plates (2) for equipment without turning plates

#### ACCESSORIES RUNWAYS 4800 mm COMPENSATING PLATES

VZ 975630 Set of compensating plates for turntables and sliding plates with granulate coating

#### INSTALLATION BOXES

VZ 972556 Installation tub for lifts 1580 mm cylinder distance MODEL: EW SA 1580

#### SUPPLEMENTARY CHARGES

VT 998027 Transportkosten Zwei-Stempel Fahrflächen Hebebühne

VT 998028 Transportkosten für Bodenausgleich oder Fahrflächen

VT 998029 Transportkosten für Fundamentrahmen (Stempel-Hebebühne)

VT 998005 Transportkosten Einbauwanne EW SA 0/EW SA 1350/EW SA 1580 pro Stück

VM 996155 Montagekostenpauschale für Zweistempel-Hebebühne mit Fahrfläche

VM 996020 Montagekosten Bodenausgleich bei Einbau in Zwei-/Vier Stempel-Fahrflächen-Hebebühne

VM 996213 Montagekosten Einbaurahmen für bodenebene Fahrflächen brücke

VM 999035 Hydraulic Oil (HLP-D 22) per Litre -NET PRICE

VM 999036 Environmental-Friendly Hydr. Oil (PE-B 30), per litre -NET-

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VV 997046 Packing Charges Post Inground Lift within Europe

VV 995110 Extra Charge for Driving Platforms of Two-Cylinder Lift -within Europe-