

LIFTING TECHNOLOGY

TWO POST INGROUND LIFT

ZS SQUARE II 5.0 PF VP 252217



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The two post inground lift, with runway, lifts cars and vans of up to 5.0 t. The runway lift, with electro-hydraulic SQUARE lifting unit and scissors wheel-free jack for lifting via the sill, is optimally suited for the quick lifting of vehicles. The runway for vehicles, with a 4300 mm wheelbase, is equipped with a wheel-free jack. An axle jack for the wheel-free lifting of vans can also be added thanks to the already present rails. 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 and wheel-free jack

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
- Post lift with two lifting variants in one work area
 - Rapid lifting at wheels for inspection or chassis measurement
 - Lifts car wheels from surface, wheels exposed for repair or inspection, lifting distance 500 mm
- Wheel-free jack extension elements infinitely adjustable while jack is in its starting position, thereby eliminating the need for time-consuming jacking for set-up and functioning as an interim means of stopping the jack from moving backwards in emergency cases
- Lift can be driven onto easily thanks to wheel-free jack platforms with full driving platform width
- Wheel-free jack holder fully granulate-coated as standard
- Optionally, can be upgraded to vehicle check-in lift with driving platform levelling for level driving, 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 and wheel-free jack 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

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• Operating manual and test log

• EC Declaration of Conformity CE

TECHNICAL DATA

Load capacity CE	5000 kg
Load capacity CE wheel-free jack	3500 kg
Dimensions of driving 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 206 mm
Max. lifting height	2050 mm
Lifting distance, wheel-free jack	500 mm
Wheel-free jack lengthways holder, continuous	1400 - 2100 mm
Wheel-free jack crosswise holder	800 - 1900 mm
Size of support bar (L x W)	450 x 605 mm
Wheel-free jack installation height	56 mm
Post dimensions, square	180 mm
Post spacing	1567 mm
Installation depth	2382 mm
Lifting/lowering time depending on load	approx. 30/20 s
Lifting/lowering time of wheel-free jack depending on load	approx. 11/11 s
Hydraulic oil volume (not included)	approx. 28 l
Operating pressure/wheel-free jack	180/210 bar
Control unit (H x W x D)	400 x 280 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)

ACCESSORIES FOR FLAT LIFTING HEADS

VZ 975069 Plastic Chocks (4 pcs.) (47 x 132 x 340 mm)

VZ 975634 Rubber Chocks Set pyramidal h=80 mm, 120x120 mm (4 pcs.) MODEL: GK 12/8 set

VZ 975927 Rubber Chocks Set pyramidal h=40 mm, 120x120 mm (4 pcs.) MODEL: GK 12/4 set

VZ 975586 Rubber pads flat 100 x 150 x 20 mm (4 pieces)

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)

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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 975629 Set of compensating plates for turntables and
sliding plates with granulate coating

VZ 975631 Compensating Plates for Levelling of Wheel-Free
Jack (runway 4.8m) granulate coat.

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-

VV 997046 Packing Charges Post Inground Lift within Europe

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