

# LIFTING TECHNOLOGY

## FOUR POST INGROUND LIFT

**VS SQUARE II 6.5 VAN**  
VP 252285



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#### VP 252285

The four post in-ground lift, with runway, lifts cars and vans of up to 6.5 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 3900 mm wheelbase. Optional: Conversion to vehicle reception or wheel alignment lift with 3.5 t wheel-free jack, 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, which makes them ideal for wheel alignment.

#### PRODUCT DETAILS/ACCESSORIES

Description:

Four-post in-floor lift with driving platforms for transporters

Description of driving platform:

- Driving platform length 5600 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
- Optional conversion to chassis measurement lift with precisely aligned driving platforms, sliding plates for tension-free wheel support, driving platform levelling and Displacement device with latch rail
- Optionally, can be upgraded to vehicle check-in lift with axle play tester to inspect chassis assemblies
- Optionally prepared for wheel-free jack and level driving platforms with levelling plate sets
- 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. 38/38 s)
- Lift system with synchronisation for electronic synchronism of the front and rear piston couple guarantees optimum precision of the front and rear piston couple
- 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 5600 mm powder-coated anthracite (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
- Installation box/installation frame not included in delivery
- Emergency DOWN cable for connection to switch box
- Control unit with 4 x 10 m control cables (flexible oil cables)
- Lockable master switch
- Operating manual and test log
- EC Declaration of Conformity CE

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### TECHNICAL DATA

Load capacity CE	6500 kg
Dimensions of driving platform (L x W x H)	5600 x 650 x 175 mm
Inner drive-through width	848 mm
Total dimensions (L x W x H)	6958 x 2245 x 175 mm
Max. lifting height	2050 mm
Post dimensions, square	180 mm
Post spacing	1580 mm
Post axle spacing in driving direction	3500 mm
Installation depth	2382 mm
Lifting/lowering time depending on load	approx. 38/38 s
Hydraulic oil volume (not included)	approx. 56 l
Operating pressure	180 bar
Control unit (H x W x D)	600 x 400 x 150 mm
Drive power	2 x 3.0 kW
Fuse gG	25 A
Power supply	3/N/PE 400 V 50 Hz

### ACCESSORIES

#### RUNWAY COATING (not for Wheel Alignment Lift)

VZ 975013 Runways with Granulate Coating -Extra Charge

#### RADFREIHUB UND ACHSLIFT

VZ 970164 Wheel-Free Jack 3.5 for Four Post Inground Lift

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

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

VZ 972474 Safety Control for Six Post In-Ground Lift

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

#### 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 990444 LED Illuminant, 6 pcs (3 pcs per each Runway)

VZ 990012 Shockproof socket 230 V, integrated into runway (only in combination w. lighting)

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

#### ACCESSORIES RAMPS/END STOPS

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 972482 Approach Ramps 1600 mm for above-floor installation (2 pcs.) -EXTRA CHARGE-

VZ 972483 Exit Ramps 1300 mm for above-floor installation (2 pcs.) -EXTRA CHARGE-

VZ 972484 Exit Ramps 1600 mm for above-floor installation (2 pcs.) -EXTRA CHARGE-

#### ACCESSORIES FLUSH-FLOOR RUNWAY

VZ 972529 Installation frame VS runway 5600 mm flush-fitted, w. floor compensation (perm. formwork)

VZ 972530 Floor compensation, pneumatic, for VS runway 5600 mm

#### 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

VP 985057 Axle play detector for installation in lifts Model: SSA 4000 LIFT

#### ACCESSORIES F. RUNWAYS FOR WHEEL ALIGNMENT

VZ 972481 Lowering System for WheelAlignment for Four Post Inground Lift

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

VZ 970159 Sliding Plates (2 pcs.) Long Version (LxWxH: 1800 x 570 x 50 mm)

VZ 975027 Aluminium Covers for Sliding Plates (2 pcs.)

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

#### ACCESSORIES COMPENSATION PLATES

VZ 975807 Set of Comp.plates 5600 for Wheel Alignment with Wheel Free Jack, granulate coated

VZ 975808 Set of Comp.plates 5600 for Wheel Alignment without Wheel Free Jack, granulate coated

VZ 975809 Compensating Plates 5600 for Levelling of Wheel-Free Jack Axle-Play-Detector

#### ACCESSORIES FOR LIFT CONTROL

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VZ 971104 Light Barrier Safety Device to avoid Contact with Ceiling

### INSTALLATION BOXES

VZ 972560 Double Installation tub for four-post inground lifts 2 x 1580 mm cylinder distance

VZ 972383 Positioning assistance for box and installation frame

VZ 972531 Additional Leakage Test with Certificate, for Double Installation Box -NET-

VZ 972265 Oil Level Indicator (2 pcs) f. Double-Installation Box

### SUPPLEMENTARY CHARGES

VM 996099 Montagekosten VierstempelFahrflächen-Hebebühne inklusive Nivellierung

VM 996190 Montagekosten SechsstempelFahrflächen-Hebebühne inklusive Nivellierung

VM 996214 Montagekosten Fundamentrahmen für bodenebene Fahrflächen brücke (Vierstempel)

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

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

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

VT 998082 Transportkosten Vier-Stempel Hebebühne mit Fahrflächen

VT 998028 Transportkosten für Bodenausgleich oder Fahrflächen

VT 998083 Transportkosten für Einbauwanne Vierstempel-Hebebühne

VT 998029 Transportkosten für Fundamentrahmen (Stempel-Hebebühne)

VV 997572 Packing Charges Four Post Inground Lift, Runway Type -within Europe-