

# LIFTING TECHNOLOGY

## FOUR POST INGROUND LIFT

**VS SQUARE II 6.5 MC**  
VP 252286



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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 5500 mm wheelbase. Optional: Conversion to vehicle reception, wheel alignment or inspection lift with axle play detector and 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 cars

Description of driving platform:

- Driving platform length 4400 mm ideal for cars and small 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 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 4400 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

#### TECHNICAL DATA

Load capacity CE

6500 kg

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Dimensions of driving

platform (L x W x H)	4400 x 650 x 175 mm
Inner drive-through width	848 mm
Total dimensions (L x W x H)	5758 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	3400 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)

#### 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 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 972536 Installation frame VS runway 4400 m flush-fitted, w. floor compensation (perm. formwork)

VZ 972480 Floor compensation, pneumatic, for VS runway 4400 mm

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

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

#### ACCESSORIES COMPENSATION PLATES

VZ 975810 Set of Comp.plates 4400 for Wheel Alignment with Wheel Free Jack, granulate coated

VZ 975811 Set of Comp.plates 4400 for Wheel Alignment without Wheel Free Jack, granulate coated

VZ 975812 Compensating Plates 4400 for Levelling of Wheel-Free Jack granulate coated

#### ACCESSORIES FOR LIFT CONTROL

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 VierstempelFahrfächen-Hebebühne inklusive Nivellierung

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VM 996214	Montagekosten Fundamentrahmen für bodenebene Fahrflächen brücke (Vierstempel)	VT 998028	Transportkosten für Bodenausgleich oder Fahrflächen
VM 996020	Montagekosten Bodenausgleich bei Einbau in Zwei-/Vier Stempel-Fahrflächen-Hebebühne	VT 998083	Transportkosten für Einbauwanne Vierstempel-Hebebühne
VM 999035	Hydraulic Oil (HLP-D 22) per Litre -NET PRICE	VT 998029	Transportkosten für Fundamentrahmen (Stempel-Hebebühne)
VM 999036	Environmental-Friendly Hydr. Oil (PE-B 30), per litre -NET-	VV 997572	Packing Charges Four Post Inground Lift, Runway Type -within Europe-
VT 998082	Transportkosten Vier-Stempel Hebebühne mit Fahrflächen		