LIFTING TECHNOLOGY
FOUR POST INGROUND LIFT

VS SQUARE II 6.5 MC
VP 252286

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The four post inground 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-resistanttreatment 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-freelimit 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

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TECHNICAL DATA

Load capacity CE	6500 kg
Dimensions of driving	
platform (L x W x H)	4400 x 650 x 175 mm
Inner drive-through width	848 mm
Total dimensions (Lx 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. 56l
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

VZ 975013	Runways with Granulate Coating -Extra Charge
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 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)
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-
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
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
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
VZ 971104	Light Barrier Safety Device to avoid Contact with Ceiling
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 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 998239	Internal transport -SOUTHTwo-/Four-post lift with runways

VT 998240	Internal transport -NORTHTwo-/Four-post lift with runways
VT 998237	Internal transport -SOUTHInstallation tub (1 - 4 pcs)
VT 998238	Internal transport -NORTHInstallation tub (1 - 4 pcs)
VT 998241	Internal transport -SOUTHFoundation frame for runway
VT 998242	Internal transport -NORTHFoundation frame for runway
VV 997572	Packing Charges Four Post Inground Lift, Runway Type -within Europe-