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 carsand 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 jackis 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, withaxle 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
- 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 withfloor 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
- 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

VZ 975013	Runways with Granulate Coating -Extra Charge
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
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)
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)
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)
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-

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

SUPPLEMENTARY CHARGES

VT 998239	Internal transport -SOUTHTwo-/Four-post lift with runways
VT 998240	Internal transport -NORTHTwo-/Four-post lift with runways
VT 998241	Internal transport -SOUTHFoundation frame for runway
VT 998242	Internal transport -NORTHFoundation frame for runway
VT 998237	Internal transport -SOUTHInstallation tub (1 - 4 pcs)
VT 998238	Internal transport -NORTHInstallation tub (1 - 4 pcs)
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-