

# ZS SQUARE II 3.5 PF

## LIFTING TECHNOLOGY



## SQUARE

VP 252197

Two Post Inground Lift with driving platform, wheel-free jack and 3500 kg load capacity

### DESCRIPTION:

Two-post in-floor lift with driving platforms and wheel-free jack

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
- ♦ 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 or aluminium panelling
- ♦ 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

## STANDARD DELIVERY:

- ♦ Driving platform 4400 mm and wheel-free jack powder-coated gentian blue (RAL 5010)
- ♦ 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   | 3500 kg                    |
| Load capacity CE with wheel-free jack                              | 3500 kg                    |
| Lifting height max.  | 2016 mm                    |
| Full travel of wheel-free jack                                     | 500 mm                     |
| Wheel-free jack installation height                                | 56 mm                      |
| Size of support plate (L x W)                                      | 450 mm x 605 mm            |
| Wheel-free jack lengthways holder, continuous                      | 1325 mm - 2042 mm          |
| Wheel-free jack crosswise holder                                   | 840 mm - 2074 mm           |
| Raising / Lowering time (load-dependent) approx.                   | 30 s / 20 s                |
| Lifting/lowering time of wheel-free jack depending on load approx. | 11 s / 11 s                |
| Operating pressure lift / wheel free jack                          | 180 bar / 210 bar          |
| Installation depth   | 2382 mm                    |
| Inner drive-through width  | 840 mm                     |
| Piston centers   | 1350 mm                    |
| Post dimensions, square  | 180 mm                     |
| Motor power  | 3 kW                       |
| Fuse gG  | 16 A                       |
| Power supply   | 3/N/PE 400 V 50 Hz         |
| Control unit (H x W x D)   | 400 mm x 280 mm x 120 mm   |
| Dimensions total (L x W x H)                                       | 5471 mm x 2074 mm x 217 mm |
| Runway dimensions (L x W x H)                                      | 4400 mm x 617 mm x 126 mm  |
| Hydraulic fluid quantity (not included in standard delivery)       | 28 l                       |

## ACCESSORIES:

|           |  |
|-----------|--|
| VZ 972425 | Flush-fitted Runway                                |
| VZ 972153 | Auto chocks (2 pcs.)                               |
| VZ 972424 | End stops, hinged (MAHA)                           |
| VZ 972150 | Exit ramp, length 1000 mm                          |
| VZ 990432 | LED Illuminant 2 pieces                            |
| VZ 990433 | LED Illuminant 4 pcs                               |
| VZ 990012 | Shockproof socket 230 V                            |
| VZ 990199 | Safety switch f. lift in conj. with brake testers  |
| VZ 975181 | Compressed-Air Servicing Unit                      |
| VZ 975013 | Runways with granulate coating                     |
| VZ 972274 | Runway panelling with aluminum sheets              |
| VZ 970100 | Wheel-free jack panelling with aluminum sheets     |
| VZ 975069 | Plastic chocks set 47 x 132 x 340 mm               |
| VZ 975632 | Rubber Blocks Set 60x150x150 mm                    |
| VZ 975586 | Rubber chocks set 20 x 150 x 100 mm                |
| VZ 972145 | Floor compensation, pneumatic                      |
| VZ 972275 | Floor cover panelling with aluminum sheets         |
| VZ 972497 | Installation frame with floor compensation         |
| VZ 972500 | Installation frame w/o floor comp.                 |
| VP 985007 | PMS 3/X  |
| VP 985024 | PMS 3/XL   |
| VZ 995021 | Install. costs f. stand. install. of play detector |
| VZ 972107 | Levelling legs                                     |
| VZ 972115 | Levelling legs, telescopic                         |
| VZ 975026 | Sliding plates 60 mm lateral motion                |
| VZ 975027 | Sliding plate covers, standard aluminium           |
| VZ 971316 | Sliding plates high-precision                      |
| VZ 975032 | Compensating plates without turning plates         |
| VZ 975624 | Set of compensating plates, 4.4 m                  |
| VZ 975041 | Compensating plates f.level. of wheel-free jack    |
| VZ 975628 | Compensating Plates with Aluminium cover           |
| VZ 972555 | Installation tub two-post inground lifts 1350      |
| VM 999035 | Hydraulic Oil (HLP-D 22) per litre                 |
| VW 997237 | Packing two cylinder lift -overseas-               |
| VW 997046 | Packing two cylinder lift -Europe-                 |
| VW 997053 | Packing installation box two cylinder lift         |
| VW 995110 | Extra charge for driving platforms -Europe-        |
| VW 995111 | Packing runways -overseas-                         |
| VW 997479 | Packing for floor compensation -Europe-            |
| VW 997480 | Packing for floor compensation -overseas-          |
| VW 997481 | Packing installation frame -Europe/overseas-       |