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## Технические характеристики на двустоечные подземные подъемники компании **МАНА**

**Модели:** ZS DUETT 3.5 GS, ZS DUETT 4.5 GS, ZS DUETT II 3.5 FT, ZS SQUARE II 3.5 GS, ZS SQUARE II 3.5 M, ZS SQUARE II 3.5 P, ZS SQUARE II 3.5 PF, ZS SQUARE II 4.5 GS, ZS SQUARE II 5.0 P, ZS SQUARE II 5.0 PF, ZS SQUARE II 5.5 GS, ZS VARIO 3.5 F, ZS VARIO 3.5 FT, ZS VARIO 3.5 MF, ZS VARIO 3.5 MSP, ZS VARIO 3.5 S.

# ZS DUETT 3.5 GS

## VP 252314

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 3.5 t) with long wheelbase.

### PRODUCT DETAILS

#### Description:

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 3.5 t) with long wheelbase

#### Swing arm support (3.5 GS):

- Optimum vehicle pick-up with maximum accessibility, especially for repairs under the vehicle
- Triple telescopic swing arm support for stepless adjustment for a large and flexible pick-up range
- Optimally flat swing arm extensions with minimum heights of 84, 92, 102 mm
- Smooth-running support arm extension due to optimum guidance with robust end stop with solid stop plates
- Large clearance for easy approach to the lift with bevelled edges on the swing arm carrier to protect the rims
- Precise pick-up of vehicles due to height-adjustable support discs with thread and plug-in system
- Multiflexible plug-in system for support extenders or special supports for various vehicle types for secure, positive-locking vehicle fixation in the product range
- Comes standard with fully rubberised support disc without metal parts to exclude electrical conductivity
- Automatically engaging support arm lock, which is convenient and ergonomic to operate and particularly suitable for manual readjustment of the support arms
- Integrated tool tray on swing arm carrier included in standard scope of delivery
- Optional hinged-lid frame for flush-floor installation and flexible use of the workplace
- Optional extension of lift travel by 198 mm possible in conjunction with deeper installation box

#### DUETT lift unit:

- Lift with precise mechanical toothed rack synchronisation and simultaneous redundant mechanical safety feature
- Corrosion-resistant hydraulic piston; self-lubricating as piston dips into hydraulic oil with every lift
- Low-noise operation due to very quiet motor in the installation box
- Optionally usable with mineral organic oil with high durability

- Electronic lift control with no-contact, wear-free limit switches and visual error display
- Hydraulic power unit in the installation box (standard), can optionally be positioned outside the box
- Simple, suspended installation of the lift, ensuring advantageous force transmission into the hall floor
- High lifting/lowering speeds are guaranteed in a load-dependent range of 30 – 35 seconds
- Integrated, battery-operated emergency lowering
- Optimum workplace ergonomics thanks to optional, standard-independent control system via energy box or flush-mounted switching system

#### Scope of delivery:

- Swing arm support (GS) with swing arm carrier and swing arm extensions, anthracite grey (RAL 7016)
- Lifting unit with clamping system, toothed rack and synchronising shaft
- Cable and fastening material
- Installation box/frame not included in scope of delivery
- Emergency-down cable for connection to the control box
- Control unit with 2 x 10 m control cable (oil flex cable)
- Lockable main switch
- Pinch point protection by CE stop instead of foot deflector
- Operating instructions
- EC/UKCA Declaration of Conformity

#### Technical data:

Load capacity CE	3500 kg
Post distance	2500 mm
Drive-through width	2180 mm
Overall width	2853 mm
Min. height of support arms	84, 92, 102 mm
Adjustment range of support discs	78 - 109 mm
Lifting height max.	1972 mm
Installation depth	2320 mm
Post diameter	180 mm
Lifting/lowering time, load-dependent	approx. 35 s
Hydraulic oil quantity (not incl. in delivery) approx.	111 l
Oil quality	HLP-D 22
Operating pressure	32 bar
Recommended installation box	VZ 972557
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse protection gG	16 A
Power supply	3/N/PE 400 V 50 Hz

# ZS DUETT 4.5 GS

## VP 252316

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 3.5 t) with long wheelbase.

### PRODUCT DETAILS

#### Description:

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 3.5 t) with long wheelbase

#### Swing arm support (3.5 GS):

- Optimum vehicle pick-up with maximum accessibility, especially for repairs under the vehicle
- Triple telescopic swing arm support for stepless adjustment for a large and flexible pick-up range
- Optimally flat swing arm extensions with minimum heights of 84, 93, 102 mm with extra flat extension in the last telescopic stage
- Smooth-running support arm extension due to optimum guidance with robust end stop with solid stop plates
- Large clearance for easy approach to the lift with bevelled edges on the swing arm carrier to protect the rims
- Precise pick-up of vehicles due to height-adjustable support discs with thread and plug-in system
- Multiflexible plug-in system for support extenders or special supports for various vehicle types for secure, positive-locking vehicle fixation in the product range
- Comes standard with fully rubberised support disc without metal parts to exclude electrical conductivity
- Automatically engaging support arm lock, which is convenient and ergonomic to operate and particularly suitable for manual readjustment of the support arms
- Integrated tool tray on swing arm carrier included in standard scope of delivery
- Optional hinged-lid frame for flush-floor installation and flexible use of the workplace
- Optional extension of lift travel by 198 mm possible in conjunction with deeper installation box

#### DUETT lift unit:

- Lift with precise mechanical toothed rack synchronisation and simultaneous redundant mechanical safety feature
- Corrosion-resistant hydraulic piston; self-lubricating as piston dips into hydraulic oil with every lift
- Low-noise operation due to very quiet motor in the installation box

- Optionally usable with mineral organic oil with high durability
- Electronic lift control with no-contact, wear-free limit switches and visual error display
- Hydraulic power unit in the installation box (standard), can optionally be positioned outside the box
- Simple, suspended installation of the lift, ensuring advantageous force transmission into the hall floor
- High lifting/lowering speeds are guaranteed in a load-dependent range of 30 – 35 seconds
- Integrated, battery-operated emergency lowering
- Optimum workplace ergonomics thanks to optional, standard-independent control system via energy box or flush-mounted switching system

#### Scope of delivery:

- Swing arm support (GS) with swing arm carrier and swing arm extensions, anthracite grey (RAL 7016)
- Lifting unit with clamping system, toothed rack and synchronising shaft
- Cable and fastening material
- Installation box/frame not included in scope of delivery
- Emergency-down cable for connection to the control box
- Control unit with 2 x 10 m control cable (oil flex cable)
- Lockable main switch
- Pinch point protection by CE stop instead of foot deflector
- Operating instructions
- EC/UKCA Declaration of Conformity

#### Technical data:

Load capacity CE	4500 kg
Post distance	2500 mm
Drive-through width	2185 mm
Overall width	3355 mm
Min. height of support arms	84, 93, 102 mm
Adjustment range of support discs	84 - 115 mm
Lifting height max.	1978 mm
Installation depth	2320 mm
Post diameter	125 mm
Lifting/lowering time, load-dependent	approx. 35 s
Hydraulic oil quantity (not incl. in delivery) approx.	111 l
Oil quality	HLP-D 22
Operating pressure	32 bar
Recommended installation box	VZ 972557
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse protection gG	16 A
Power supply	3/N/PE 400 V 50 Hz

# ZS DUETT II 3.5 FT

## VP 252319

Two-post inground lift with flat head supports, to pick up vehicles in the sill area. Suitable for cars, pick-up points underneath the vehicle.

### PRODUCT DETAILS

#### Description:

Two-post inground lift with flat head supports, to pick up vehicles in the sill area.

Suitable for cars, pick-up points underneath the vehicle

#### Flat head support (FT H):

- Flat head extensions adaptable for different vehicle types, telescopic from 1400 – 2000 mm in standard
- Flexible, optional range of support plates in 'longer - wider - flatter' versions ensures perfect accommodation of all current and future vehicle models
- Large pick-up areas due to exchangeable support plate system cover the entire vehicle spectrum
- Easier, tyre-preserving drive-on thanks to all-round bevelled extensions combined with low construction height and rubber support plate (height no more than approx. 60 mm)
- Rubber support plate enables time-saving direct pick-up
- Optional flush-floor installation for easier passing over lift

#### DUETT lift unit:

- Lift with precise mechanical toothed rack synchronisation and simultaneous redundant mechanical safety feature
- Corrosion-proof hydraulic piston, self-lubricating since it dips into hydraulic oil with each stroke
- Low-noise operation due to very quiet motor in the installation box
- Optionally usable with mineral organic oil with high durability
- Electronic lift control with visual error display
- Hydraulic power unit inside installation box (standard), can optionally be positioned outside
- Simple, suspended installation of the lift, ensuring advantageous force transmission into the hall floor
- High lifting/lowering speeds are guaranteed in a load-dependent range of 30 – 35 seconds
- Integrated, battery-operated emergency lowering
- Optimum workplace ergonomics thanks to optional, standard-independent control system via energy box or flush-mounted switching system

#### Scope of delivery:

- Flat head supports, hot-dip galvanised

- Medium-pressure lift unit with clamping system
- Wiring and mounting material
- Installation box/installation frame not included in delivery
- Emergency lowering cable for connection to switch box
- Control unit with 2 x 10 m control cable (oil flex cable)
- Lockable main switch
- Pinch point protection by CE stop instead of foot guard
- Operating instructions
- CE/UKCA Declaration of conformity

Technical data:

Load capacity CE	3000 kg
Post distance	1350 mm
Longitudinal support extendable in notch steps	.
	1400 - 2000 mm
Transverse support by repositioning	880 - 1820 mm
Size of support plate (L x B)	355 x 400 mm
Lifting height max.	1960 mm
Installation depth	2300 mm
Post diameter	90 mm
Toothed rack diameter, stainless steel	40 mm
Lifting/lowering time, load-dependent	approx. 35/35 s
Hydraulic oil quantity (not incl. in delivery) approx. 50 l	
Oil quality	HLP-D 22
Operating pressure	39 bar
Recommended installation box	VZ 972555
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse protection gG	16 A
Power supply	3/N/PE 400 V 50 Hz

# ZS SQUARE II 3.5 GS

## VP 252313

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 3.5t) with long wheelbase.

### PRODUCT DETAILS

#### Description:

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 3.5t) with long wheelbase

#### Swing arm support (3.5 GS):

- Optimum vehicle pick-up with maximum accessibility, especially for repairs under the vehicle
- Triple telescopic swing arm support for stepless adjustment for a large and flexible pick-up range
- Optimally flat swing arm extensions with minimum heights of 84, 92, 102 mm
- Smooth-running support arm extension due to optimum guidance with robust end stop with solid stop plates
- Large clearance for easy approach to the lift with chamfered edges on the swing arm carrier to protect the rims
- Precise pick-up of vehicles due to height-adjustable support discs with thread and plug-in system
- Multiflexible plug-in system for support extenders or special supports for various vehicle types for secure, positive-locking vehicle fixation in the product range
- Comes standard with fully rubberised support disc without metal parts to exclude electrical conductivity
- Automatically engaging support arm lock, which is convenient and ergonomic to operate and particularly suitable for manual readjustment of the support arms
- Integrated tool tray on swing arm carrier included in standard scope of delivery
- Optional hinged-lid frame for flush-floor installation and flexible use of the workplace
- Optional extension of lift travel by 156 mm possible in conjunction with deeper installation box

#### SQUARE lift unit:

- Outstanding rigidity and optimum safety thanks to torsion-resistant square posts
- Low-noise operation due to very quiet motor in the installation box
- Optionally usable with mineral organic oil with high durability
- Electronic lift control with no-contact, wear-free limit switches and visual error display
- Very smooth running due to sliding, long-life special nickel coating on posts with robust, low-maintenance post guide



- Protected internal hydraulic safety cylinder guarantees lengthy service life
- Movable synchronisation and safety yoke for redundant operation (acc. to EN DIN 1493)
- High lifting/lowering speeds are guaranteed in a load-dependent range of 20 – 30 seconds
- Integrated, battery-operated emergency lowering
- Optimum workplace ergonomics thanks to optional, standard-independent control system via energy box or flush-mounted switching system

#### Scope of delivery:

- Swing arm support (GS) with swing arm carrier and swing arm extensions, anthracite grey (RAL 7016)
- Lifting unit with clamping system and movable yoke
- Cable and fastening material
- Installation box/frame not included in scope of delivery
- Emergency-down cable for connection to the control box
- Control unit with 2 x 10 m control cable (oil flex cable)
- Lockable main switch
- Pinch point protection by CE stop instead of foot deflector
- Operating instructions
- EC/UKCA Declaration of Conformity

#### Technical data:

Load capacity CE	3500 kg
Post distance	2500 mm
Drive-through width	2180 mm
Overall width	2853 mm
Min. height of support arms	84, 92, 102 mm
Adjustment range of support discs	78 - 109 mm
Lifting height max.	1999 mm
Installation depth	2382 mm
Post dimensions, square	180 mm
Lifting/lowering time, load-dependent	approx. 28/20 s
Hydraulic oil quantity (not incl. in delivery) approx.	28 l
Oil quality	HLP-D 22
Operating pressure	160 bar
Recommended installation box	VZ 972557
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse protection gG	16 A
Power supply	3/N/PE 400 V 50 Hz

# ZS SQUARE II 3.5 M

## VP 252183



The two post inground lift, with runway, lifts cars of up to 3.5 t.

The extremely flat runway lift, with electro-hydraulic SQUARE lifting unit, is optimally suited for the quick lifting of vehicles. The runway for vehicles, with a 3950 mm wheelbase, is optionally available with grids, steel plates or wood covering. The torsion-resistant SQUARE posts guarantee maximum safety and outstanding tensile strength.

### PRODUCT DETAILS

#### Description:

Two-post in-floor lift with modular driving platforms

#### Description of modular driving platforms:

- Driving platform length 4400 mm, 80 mm tall, ideal for cars
- The ideal lifting platform for any service consultation area
- Because of its overall height, special driving platform surface and design and fittings, the SQUARE with modular driving platform is the perfect vehicle check-in lift
- Attractive driving platform inserts, optionally made of:
  - Durable Bangkirai hardwood from sustainable forestry
  - Galvanised steel grille
  - Sheet steel with high-quality powder coating
  - Sheet steel with anti-slip granulate coating
  - Sheet steel with elegant aluminium panelling
- Ample freedom of movement below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle
- 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
- 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)
- Can be installed in all MAHA installation boxes up to 5500 kg
- 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 (2x2 pcs.)
- 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
Dimensions of driving platform (L x W x H)	4400 x 630 x 80 mm
Inner drive-through width	900 mm
Total dimensions (L x W x H)	5190 x 2160 x 80 mm
Max. lifting height	1960 mm
Post dimensions, square	180 mm
Post spacing	1350 mm
Installation depth	2382 mm
Lifting/lowering time depending on load	approx. 30/20 s
Hydraulic oil volume (not included)	approx. 28 l
Operating pressure	180 bar
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse gG	16 A
Power supply	3/N/PE 400 V 50 Hz

# ZS SQUARE II 3.5 P

## VP 252196



The two post inground lift, with runway, lifts cars and vans of up to 3.5 t. The runway lift, with electro-hydraulic SQUARE lifting unit, is optimally suited for the quick lifting of vehicles. 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 or wheel alignment lift 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

#### Description:

Two-post in-floor lift with driving platforms

#### 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
- Optionally, can be upgraded to vehicle check-in lift 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

#### Scope of delivery:

- Driving platform 4400 mm, 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	3500 kg
Dimensions of driving platform (L x W x H)	4400 x 617 x 126 mm
Inner drive-through width	840 mm
Total dimensions (L x W x H)	5471 x 2074 x 126 mm

Max. lifting height	2016 mm
Post dimensions, square	180 mm
Post spacing	1350 mm
Installation depth	2382 mm
Lifting/lowering time depending on load	approx. 30/20 s
Hydraulic oil volume (not included)	approx. 28 l
Operating pressure	180 bar
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse gG	16 A
Power supply	3/N/PE 400 V 50 Hz

# ZS SQUARE II 3.5 PF

## VP 252197



The two post inground lift, with runway, lifts cars and vans of up to 3.5 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 3800 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 or wheel alignment lift 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

#### Description:

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

#### 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
- 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

#### Scope of delivery:

- Driving platform 4400 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	3500 kg
Load capacity CE wheel-free jack	3500 kg
Dimensions of driving platform (L x W x H)	4400 x 617 x 126 mm
Inner drive-through width	840 mm
Total dimensions (L x W x H)	5471 x 2074 x 217 mm
Max. lifting height	2016 mm
Lifting distance, wheel-free jack	500 mm
Wheel-free jack lengthways holder, continuous	1325 - 2042 mm
Wheel-free jack crosswise holder	840 - 2074 mm
Wheel-free jack installation height	56 mm
Post dimensions, square	180 mm
Post spacing	1350 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

# ZS SQUARE II 4.5 GS

## VP 252315

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 4.5 t) with long wheelbase.

### PRODUCT DETAILS

#### Description:

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 4.5 t) with long wheelbase

#### Swing arm support (4.5 GS):

- Optimum vehicle pick-up with maximum accessibility, especially for repairs under the vehicle
- Triple telescopic swing arm support for stepless adjustment for a large and flexible pick-up range
- Optimally flat swing arm extensions with minimum heights of 84, 93, 102 mm with extra flat extension in the last telescopic stage
- Smooth-running support arm extension due to optimum guidance with robust end stop with solid stop plates
- Large clearance for easy approach to the lift with bevelled edges on the swing arm carrier to protect the rims
- Precise pick-up of vehicles due to height-adjustable support discs with thread and plug-in system
- Multiflexible plug-in system for support extenders or special supports for various vehicle types for secure, positive-locking vehicle fixation in the product range
- Comes standard with fully rubberised support disc without metal parts to exclude electrical conductivity
- Automatically engaging support arm lock, which is convenient and ergonomic to operate and particularly suitable for manual readjustment of the support arms
- Integrated tool tray on swing arm carrier included in standard scope of delivery
- Optional hinged-lid frame for flush-floor installation and flexible use of the workplace
- Optional extension of lift travel by 156 mm possible in conjunction with deeper installation box

#### SQUARE lift unit:

- Outstanding rigidity and optimum safety thanks to torsion-resistant square posts
- Low-noise operation due to very quiet motor in the installation box
- Optionally usable with mineral organic oil with high durability
- Electronic lift control with no-contact, wear-free limit switches and visual error display

- Very smooth running due to sliding, long-life special nickel coating on posts with robust, low-maintenance post guide
- Protected internal hydraulic safety cylinder guarantees lengthy service life
- Movable synchronisation and safety yoke for redundant operation (acc. to EN DIN 1493)
- High lifting/lowering speeds are guaranteed in a load-dependent range of 20 – 30 seconds
- Integrated, battery-operated emergency lowering
- Optimum workplace ergonomics thanks to optional, standard-independent control system via energy box or flush-mounted switching system

#### Scope of delivery:

- Swing arm support (GS) with swing arm carrier and swing arm extensions, anthracite grey (RAL 7016)
- Lifting unit with clamping system and movable yoke
- Cable and fastening material
- Installation box/frame not included in scope of delivery
- Emergency-down cable for connection to the control box
- Control unit with 2 x 10 m control cable (oil flex cable)
- Lockable main switch
- Pinch point protection by CE stop instead of foot deflector
- Operating instructions
- EC/UKCA Declaration of Conformity

#### Technical data:

Load capacity CE	4500 kg
Post distance	2500 mm
Drive-through width	2185 mm
Overall width	3355 mm
Min. height of support arms	84, 93, 102 mm
Adjustment range of support discs	84 - 115 mm
Lifting height max.	2005 mm
Installation depth	2382 mm
Post dimensions, square	180 mm
Lifting/lowering time, load-dependent	approx. 28/20 s
Hydraulic oil quantity (not incl. in delivery) approx. 28 l	
Oil quality	HLP-D 22
Operating pressure	215 bar
Recommended installation box	VZ 972557
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse protection gG	16 A
Power supply	3/N/PE 400 V 50 Hz

# ZS SQUARE II 5.0 PF

## VP 252217



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

#### Description:

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

#### Description of driving platform:

- Driving platform length 4800 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
- 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
- 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

#### 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

# ZS SQUARE II 5.5 GS

## VP 252317

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 5.5 t) with long wheelbase.

### PRODUCT DETAILS

#### Description:

Two-post inground lift with swing arms, to pick up vehicles in the sill area or at the frame. Suitable for small vehicles up to vans (up to 5.5 t) with long wheelbase

#### Swing arm support (5.5 GS):

- Optimum vehicle pick-up with maximum accessibility, especially for repairs under the vehicle
- Triple telescopic swing arm support for stepless adjustment for a large and flexible pick-up range
- Optimally flat swing arm extensions with minimum heights of 104, 113, 122 mm with extra flat extension in the last telescopic stage
- Smooth-running support arm extension due to optimum guidance with robust end stop with solid stop plates
- Large clearance for easy approach to the lift with bevelled edges on the swing arm carrier to protect the rims
- Precise pick-up of vehicles due to height-adjustable support discs with thread and plug-in system
- Multiflexible plug-in system for support extenders or special supports for various vehicle types for secure, positive-locking vehicle fixation in the product range
- Comes standard with fully rubberised support disc without metal parts to exclude electrical conductivity
- Can be retrofitted with optional wheel engaging supports
- Automatically engaging support arm lock, which is convenient and ergonomic to operate and particularly suitable for manual readjustment of the support arms
- Integrated tool tray on swing arm carrier included in standard scope of delivery
- Optional hinged-lid frame for flush-floor installation and flexible use of the workplace
- Optional extension of lift travel by 156 mm possible in conjunction with deeper installation box

#### SQUARE lift unit:

- Outstanding rigidity and optimum safety thanks to torsion-resistant square posts
- Low-noise operation due to very quiet motor in the installation box
- Optionally usable with mineral organic oil with high durability

- Electronic lift control with no-contact, wear-free limit switches and visual error display
- Very smooth running due to sliding, long-life special nickel coating on posts with robust, low-maintenance post guide
- Protected internal hydraulic safety cylinder guarantees lengthy service life
- Movable synchronisation and safety yoke for redundant operation (acc. to EN DIN 1493)
- High lifting/lowering speeds are guaranteed in a load-dependent range of 20 – 30 seconds
- Integrated, battery-operated emergency lowering
- Optimum workplace ergonomics thanks to optional, standard-independent control system via energy box or flush-mounted switching system

#### Scope of delivery:

- Swing arm support (GS) with swing arm carrier and swing arm extensions, anthracite grey (RAL 7016)
- Lifting unit with clamping system and movable yoke
- Cable and fastening material
- Installation box/frame not included in scope of delivery
- Emergency-down cable for connection to the control box
- Control unit with 2 x 10 m control cable (oil flex cable)
- Lockable main switch
- Pinch point protection by CE stop instead of foot deflector
- Operating instructions
- EC/UKCA Declaration of Conformity

#### Technical data:

Load capacity CE	5500 kg
Post distance	2500 mm
Drive-through width	2185 mm
Overall width	3355 mm
Min. height of support arms	104, 113, 122 mm
Adjustment range of support discs	84 - 115 mm
Lifting height max.	2005 mm
Installation depth	2382 mm
Post dimensions, square	180 mm
Lifting/lowering time, load-dependent	approx. 40/35 s
Hydraulic oil quantity (not incl. in delivery) approx.	28 l
Oil quality	HLP-D 22
Operating pressure	215 bar
Recommended installation box	VZ 972557
Control unit (H x W x D)	320 x 220 x 120 mm
Drive power	3.0 kW
Fuse protection gG	16 A
Power supply	3/N/PE 400 V 50 Hz





## VARIO

VP 252117

Two Post Inground Lift with swing arm support

### DESCRIPTION:

Two-post in-floor lift with driving platforms and Swing arm support

Driving platform:

- Driving platform length 4400 mm ideal for cars and small transporters
- Ample freedom of movement in the working area below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle in particular
- Flexible lift with maximum application range thanks to
  - Fast hoisting of the vehicle with the main platforms in the service consultation area or for chassis alignment checks
  - also for repair or for inspection work
  - wheel-free lifting by means of swing arm support standard up to 600 mm lifting distance or optionally with full extension up to 2000 mm
- Optionally, can be upgraded to vehicle check-in lift with driving platform levelling for level driving
- 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
- Wheel-free lifting with swing arm support for lifting at the sill support points or frame support points
- Accurate take-up of vehicles thanks to standard height-adjustable turning plates with thread and plug-in system
- Support raisers and form-locking vehicle mounts for secure vehicle fixing in the product range
- Swing arm support with continuously telescoping 3-part support arms for large and flexible support area
- Automatic support-arm restraint can be reached particularly easily from above for manual readjustment of the support arms in raised set-up condition
- Very low swivel arm mount with very low drive-over heights of 73 / 58 / 65 / 84 mm for vehicles with limited floor clearance
- Optional driving platform and wheel-free jack prepared for

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 or Aluminium panelling
- Pre-integrated compressed air connection and optional 230V/1PH energy supply in runways
- Various assembly variants for optimum use with
  - 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
- Driving platform and floor levelling pre-equipped for use of an optional axle lift
- Additional corrosion protection treatment in area of fold and cavity sealing
- Optional no-dazzle rotatable LED lighting
- Pinch point and shear point protection thanks to CE stop

VARIO lift unit:

- A corrosion-resistant, hard-chrome plated hydraulic piston ensures long-term stability since this is immersed in hydraulic oil with every lift, thus ensuring the application of a latent protective film.
- Simple, suspended installation of the lifting platform - offering the advantage of power transmission directly into the hall floor
- Ultra-quiet hydraulic pump and electric motor, corrosion-resistant oil-submerged version, optionally available with organic oil
- Electronic lift control with visual error display
- Battery-operated emergency lowering

## DESCRIPTION:

- ♦ Optimisation of every aspect of workplace ergonomics thanks to optional, standard-independent control via traffic-light energy module or flush-mounted switching system

## TECHNICAL DATA:

Load capacity CE	3500 kg
Load capacity CE w. wheel-free jack	3200 kg
Lifting height max.	2000 mm
Full travel of wheel-free jack	600 mm
Post diameter	125 mm/90 mm
Raising / Lowering time (load-dependent) approx.	35 s / 35 s
Lifting/lowering time of wheel-free jack depending on load approx.	11 s / 11 s
Installation depth	2380 mm
Inner drive-through width	840 mm
Piston centers	1350 mm
Swing arm pivot point spacing	2500 mm
Swing arm extension	560 mm - 1020 mm
Disc adjustment range	75 mm - 106 mm
Disk adapter extenders	50 mm
Total width	2710 mm
Drive-through width	2262 mm
Operating pressure	28 bar
Motor power	3 kW
Fuse gG	16 A
Power supply	3/N/PE 400 V 400 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 2767 mm x 252 mm
Runway dimensions (L x W x H)	4400 mm x 617 mm x 126 mm
Hydraulic fluid quantity (not included in standard delivery)	108 l

## STANDARD DELIVERY:

- ♦ Driving platform 4400 mm powder-coated gentian blue (RAL 5010)
- ♦ Wheel-free jack swing arm support (RS) with swing arm holder and swing arm extensions galvanised
- ♦ Support disc and support raiser 50 mm
- ♦ Wheel nut tray, magnetic (2 pcs.)
- ♦ Lift unit with integrated after-lift device
- ♦ 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

## ACCESSORIES:

VZ 972126	Secondary lifting unit with 2000 mm lifting height
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 971539	Storage Tray MAHA, magnetic (2 pieces)
VZ 971220	Support plate ext. 50 mm galvanized (2 pieces)
VZ 971221	Support plate ext. 100 mm galvanized (2 pieces)
VZ 971222	Support plate ext. 150 mm galvanized (2 pieces)
VZ 971223	Support plate ext. 200 mm galvanized (2 pieces)
VZ 971224	Holding device f. support plate extension (2 pieces)
VZ 975050	Non-skid device for vehicles with longitudinal frame
VZ 971247	Support plates DN 100 mm (4 pieces)
VZ 971111	Clamping belt, for removing power unit (2 pieces)
VZ 971226	Support plate prism support for vans
VZ 971227	Prism support for MB G-Class without Tread Plate
VZ 971520	Prism Support for MB G-Class with Tread Plate
VZ 971346	Special Support for AUDI TT/TTS/TT RS (4 pieces)
VZ 972145	Floor compensation, pneumatic
VZ 972275	Floor cover panelling with aluminum sheets
VZ 972498	Install. frame with floor compens.
VZ 972501	Install. frame without floor compens.
VZ 972505	Runway Adjustment SLIFT
VZ 972107	Levelling legs
VZ 972115	Levelling legs, telescopic
VZ 975026	Sliding plates 60 mm lateral motion
VZ 970027	Sliding plates long 1465 mm
VZ 975027	Sliding plate covers, standard aluminium
VZ 971316	Sliding plates high-precision
VZ 975032	Compensating plates without turning plates
VZ 975625	Set of compensating plates 4.4m
VZ 975627	Set of compensating plates 4.4m
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-

# ZS VARIO 3.5 MSP

## LIFTING TECHNOLOGY



## VARIO

VP 252120

Two Post Inground Lift with swing arm support

### DESCRIPTION:

Two-post in-floor lift with modular driving platforms and Swing arm support

Modular driving platforms:

- ♦ Driving platform length 4400 mm, 105 mm tall, ideal for cars
- ♦ The ideal lifting platform for any service consultation area
- ♦ Attractive driving platform inserts, optionally made of:
  - Durable Bangkirai hardwood from sustainable forestry
  - Galvanised steel grille
  - Sheet steel with high-quality powder coating
  - Sheet steel with anti-slip granulate coating
  - Sheet steel with elegant aluminium panelling
- ♦ Ample freedom of movement in the working area below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle in particular
- ♦ Flexible lift with maximum application range thanks to
  - Fast hoisting of the vehicle with the main platforms in the service consultation area or for chassis alignment checks
  - also for repair or for inspection work
  - wheel-free lifting by means of swing arm support standard up to 600 mm lifting distance or optionally with full extension up to 2000 mm
- ♦ Wheel-free lifting with swing arm support for lifting at the sill support points or frame support points
- ♦ Accurate take-up of vehicles thanks to standard height-adjustable turning plates with thread and plug-in system
- ♦ Support raisers and form-locking vehicle mounts for secure vehicle fixing in the product range
- ♦ Swing arm support with continuously telescoping 3-part support arms for large and flexible support area
- ♦ Automatic support-arm restraint can be reached particularly easily from above for manual readjustment of the support arms in raised set-up condition

- ♦ Very flat swing arm support with low minimum pad heights of 73 / 58 / 65 / 84 mm for very flat vehicles
- ♦ Various assembly variants for optimum use with
  - 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
- ♦ Optional no-dazzle rotatable LED lighting
- ♦ Pinch point and shear point protection thanks to CE stop

VARIO lift unit:

- ♦ A corrosion-resistant, hard-chrome plated hydraulic piston ensures long-term stability since this is immersed in hydraulic oil with every lift, thus ensuring the application of a latent protective film.
- ♦ Simple, suspended installation of the lifting platform - offering the advantage of power transmission directly into the hall floor
- ♦ Ultra-quiet hydraulic pump and electric motor, corrosion-resistant oil-submerged version, optionally available with organic oil
- ♦ Electronic lift control with visual error display
- ♦ Battery-operated emergency lowering
- ♦ Optimisation of every aspect of workplace ergonomics thanks to optional, standard-independent control via traffic-light energy module or flush-mounted switching system

## STANDARD DELIVERY:

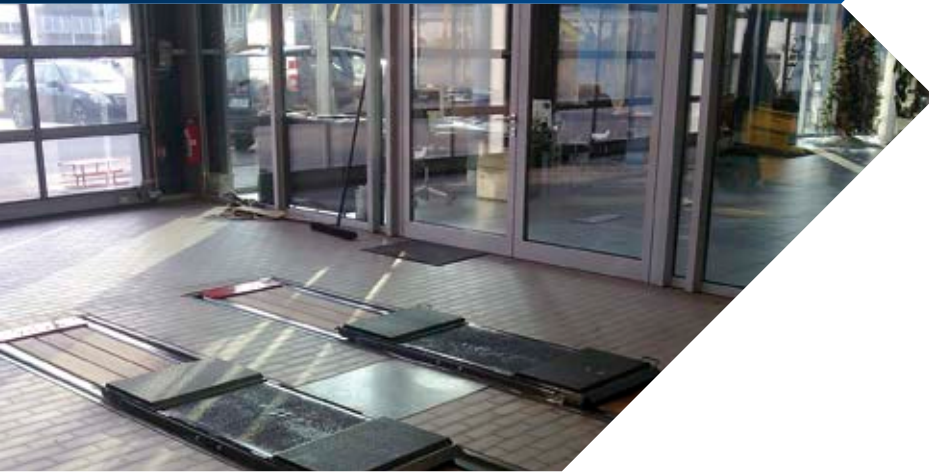
- ♦ Modular driving platform 4400 mm powder coated anthracite (RAL 7016) with selected driving platform surface
- ♦ Wheel-free jack swing arm support (SP) with swing arm holder and swing arm extensions galvanised
- ♦ Support disc and support raiser 50 mm
- ♦ Wheel nut tray, magnetic (2 pcs.)
- ♦ Lift unit with integrated after-lift device
- ♦ Ramps (2x2 pcs.)
- ♦ 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

## ACCESSORIES:

VZ 972455	Wood covering for runways
VZ 972456	Steel Grid Covering for runways
VZ 975013	Runways with granulate coating
VZ 972274	Runway panelling with aluminum sheets
VZ 972126	Secondary lifting unit with 2000 mm lifting height
VZ 972425	Flush-fitted Runway
VZ 972424	End stops, hinged (MAHA)
VZ 972532	Approach Ramp for modular runway
VZ 972537	Exit Ramp for modular runway
VZ 990432	LED Illuminant 2 pieces
VZ 990433	LED Illuminant 4 pcs
VZ 990199	Safety switch f. lift in conj. with brake testers
VZ 971539	Storage Tray MAHA, magnetic (2 pieces)
VZ 971220	Support plate ext. 50 mm galvanized (2 pieces)
VZ 971221	Support plate ext. 100 mm galvanized (2 pieces)
VZ 971222	Support plate ext. 150 mm galvanized (2 pieces)
VZ 971223	Support plate ext. 200 mm galvanized (2 pieces)
VZ 971224	Holding device f. support plate extension (2 pieces)
VZ 975050	Non-skid device for vehicles with longitudinal frame
VZ 971247	Support plates DN 100 mm (4 pieces)
VZ 971111	Clamping belt, for removing power unit (2 pieces)
VZ 971226	Support plate prism support for vans
VZ 971227	Prism support for MB G-Class without Tread Plate
VZ 971520	Prism Support for MB G-Class with Tread Plate
VZ 971346	Special Support for AUDI TT/TTS/TT RS (4 pieces)
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-

## TECHNICAL DATA:

Load capacity CE	3500 kg
Load capacity CE with wheel-free jack	3200 kg
Lifting height max.	1974 mm
Full travel of wheel-free jack	600 mm
Post diameter	125 mm/90 mm
Raising / Lowering time (load-dependent) approx.	35 s / 35 s
Lifting/lowering time of wheel-free jack depending on load approx.	11 s / 11 s
Installation depth	2380 mm
Inner drive-through width	900 mm
Piston centers	1350 mm
Swing arm pivot point spacing	2500 mm
Swing arm extension	530 mm - 1020 mm
Disc adjustment range	73 mm - 97 mm
Disk adapter extenders	50 mm
Drive-through width	2262 mm
Operating pressure	28 bar
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)	5190 mm x 2710 mm x 231 mm
Runway dimensions (L x W x H)	4400 mm x 630 mm x 105 mm
Hydraulic fluid quantity (not included in standard delivery)	108 l



## VARIO

VP 252119

Two Post Inground Lift with modular runways and 3500 kg load capacity

### DESCRIPTION:

Two-post in-floor lift with modular driving platforms and platform support

Modular driving platforms:

- ♦ Driving platform length 4400 mm, 80 mm tall, ideal for cars
- ♦ The ideal lifting platform for any service consultation area
- ♦ Attractive driving platform inserts, optionally made of:
  - Durable Bangkirai hardwood from sustainable forestry
  - Galvanised steel grille
  - Sheet steel with high-quality powder coating
  - Sheet steel with anti-slip granulate coating
  - Sheet steel with elegant aluminium panelling
- ♦ Ample freedom of movement in the working area below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle in particular
- ♦ Flexible lift with maximum application range thanks to
  - Fast hoisting of the vehicle with the main platforms in the service consultation area or for chassis alignment checks
  - also for repair or for inspection work
  - wheel-free lifting by means of swing arm support standard up to 600 mm lifting distance or optionally with full extension up to 2000 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
- ♦ Various assembly variants for optimum use with
  - 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
- ♦ Optional no-dazzle rotatable LED lighting
- ♦ Pinch point and shear point protection thanks to CE stop

VARIO lift unit:

- ♦ A corrosion-resistant, hard-chrome plated hydraulic piston ensures long-term stability since this is immersed in hydraulic oil with every lift, thus ensuring the application of a latent protective film.
- ♦ Simple, suspended installation of the lifting platform - offering the advantage of power transmission directly into the hall floor
- ♦ Ultra-quiet hydraulic pump and electric motor, corrosion-resistant oil-submerged version, optionally available with organic oil
- ♦ Electronic lift control with visual error display
- ♦ Battery-operated emergency lowering
- ♦ Optimisation of every aspect of workplace ergonomics thanks to optional, standard-independent control via traffic-light energy module or flush-mounted switching system

## STANDARD DELIVERY:

- ♦ Modular driving platform 4400 mm powder coated anthracite (RAL 7016) with selected driving platform surface
- ♦ Wheel-free jack platform powder-coated anthracite (RAL 7016)
- ♦ Lift unit with integrated after-lift device
- ♦ Ramps (2x2 pcs.)
- ♦ 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	3500 kg
Load capacity CE with wheel-free jack	3500 kg
Lifting height max.	1974 mm
Full travel of wheel-free jack	600 mm
Wheel-free jack installation height	60 mm
Post diameter	125 mm/90 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.	35 s / 35 s
Lifting/lowering time of wheel-free jack depending on load approx.	11 s / 11 s
Installation depth	2380 mm
Inner drive-through width	900 mm
Piston centers	1350 mm
Operating pressure	28 bar
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)	5190 mm x 2160 mm x 136 mm
Runway dimensions (L x W x H)	4400 mm x 630 mm x 80 mm
Hydraulic fluid quantity (not included in standard delivery)	108 l

## ACCESSORIES:

VZ 972455	Wood covering for runways
VZ 972456	Steel Grid Covering for runways
VZ 975013	Runways with granulate coating
VZ 972274	Runway panelling with aluminum sheets
VZ 970100	Wheel-free jack panelling with aluminum sheets
VZ 972126	Secondary lifting unit with 2000 mm lifting height
VZ 972425	Flush-fitted Runway
VZ 972424	End stops, hinged (MAHA)
VZ 972532	Approach Ramp for modular runway
VZ 972537	Exit Ramp for modular runway
VZ 990432	LED Illuminant 2 pieces
VZ 990433	LED Illuminant 4 pcs
VZ 990199	Safety switch f. lift in conj. with brake testers
VZ 975069	Plastic chocks set 47 x 132 x 340 mm
VZ 975586	Rubber chocks set 20 x 150 x 100 mm
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-

# ZS VARIO 3.5 FT

## LIFTING TECHNOLOGY



## VARIO

VP 252116

Two Post Inground Lift with flat support bridge and 3500 kg load capacity

### DESCRIPTION:

Two-post in-floor lift with driving platforms and Flat support bridge

Driving platform:

- ◆ Driving platform length 4400 mm ideal for cars and small transporters
- ◆ Ample freedom of movement in the working area below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle in particular
- ◆ Flexible lift with maximum application range thanks to
  - rapid lifting of the vehicle with the main driving platforms in vehicle check-in, also for repair or for inspection work, optionally
  - wheel-free lifting by means of swing arm support standard up to 600 mm lifting distance or optionally with full extension up to 2000 mm
- ◆ Driving on to lift made easier and gentle on tyres thanks to extensions chamfered all the way round combined with low overall height with rubber support plate (only approx. 60 mm)
- ◆ Best possible vehicle spectrum thanks to very large support area resulting from exchangeable support plate system
- ◆ Flexible, optional assortment of support plates "longer - wider - flatter" provide optimum support of various vehicle types and for future vehicle generations
- ◆ 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
- ◆ Pre-integrated compressed air connection and optional 230V/1PH energy supply in runways

- ◆ Various assembly variants for optimum use with
  - 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
- ◆ Driving platform and floor levelling pre-equipped for use of an optional axle lift
- ◆ Additional corrosion protection treatment in area of fold and cavity sealing
- ◆ Optional no-dazzle rotatable LED lighting
- ◆ Pinch point and shear point protection thanks to CE stop

Lift unit:

- ◆ A corrosion-resistant, hard-chrome plated hydraulic piston ensures long-term stability since this is immersed in hydraulic oil with every lift, thus ensuring the application of a latent protective film.
- ◆ Simple, suspended installation of the lifting platform - offering the advantage of power transmission directly into the hall floor
- ◆ Ultra-quiet hydraulic pump and electric motor, corrosion-resistant oil-submerged version, optionally available with organic oil
- ◆ Electronic lift control with visual error display
- ◆ Battery-operated emergency lowering
- ◆ Optimisation of every aspect of workplace ergonomics thanks to optional, standard-independent control via traffic-light energy module or flush-mounted switching system

## STANDARD DELIVERY:

- ♦ Driving platform 4400 mm powder-coated gentian blue (RAL 5010)
- ♦ Wheel-free jack flat support bridge hot-dip galvanised
- ♦ Lift unit with integrated after-lift device
- ♦ 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	3500 kg
Load capacity CE with wheel-free jack	3500 kg
Lifting height max.	2000 mm
Full travel of wheel-free jack	600 mm
Wheel-free jack installation height	60 mm
Post diameter	125 mm/90 mm
Lengthways holder extendible in locking positions	1400 mm - 2000 mm
Size of support plate (L x W)	355 mm x 400 mm
Wheel-free jack crosswise holder	880 mm - 1820 mm
Raising / Lowering time (load-dependent) approx.	35 s / 35 s
Lifting/lowering time of wheel-free jack depending on load approx.	11 s / 11 s
Installation depth	2380 mm
Inner drive-through width	840 mm
Piston centers	1350 mm
Operating pressure	28 bar
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)	4400 mm x 2074 mm x 186 mm
Runway dimensions (L x W x H)	4400 mm x 617 mm x 126 mm
Hydraulic fluid quantity (not included in standard delivery)	108 l

## ACCESSORIES:

VZ 972126	Secondary lifting unit with 2000 mm lifting height
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 972452	Flat lifting heads extended 1400-2100 (1 side)
VZ 972416	Flat lifting heads, 1150 - 1750 mm
VZ 972453	Flat lifting head wide R5G 3.5 (1 side)
VZ 972423	Flat lifting heads with Granulate Coating
VZ 975069	Plastic chocks set 47 x 132 x 340 mm
VZ 975632	Rubber Blocks Set 60x150x150 mm
VZ 972145	Floor compensation, pneumatic
VZ 972275	Floor cover panelling with aluminum sheets
VZ 972498	Install. frame with floor compens.
VZ 972501	Install. frame without floor compens.
VZ 972505	Runway Adjustment SLIFT
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 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-





## VARIO

VP 252115

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 Platform support

Driving platform:

- ♦ Driving platform length 4400 mm ideal for cars and small transporters
- ♦ Ample freedom of movement in the working area below the lifting platform thanks to the compact post-lifting unit and resulting optimum lighting below the raised vehicle in particular
- ♦ Flexible lift with maximum application range thanks to
  - Fast hoisting of the vehicle with the main platforms in the service consultation area or for chassis alignment checks
  - also for repair or for inspection work
  - wheel-free lifting by means of swing arm support standard up to 600 mm lifting distance or optionally with full extension up to 2000 mm
- ♦ Optionally, can be upgraded to vehicle check-in lift with driving platform levelling for level driving
- ♦ 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
- ♦ 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
- ♦ 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

- ♦ Pre-integrated compressed air connection and optional 230V/1PH energy supply in runways
- ♦ Various assembly variants for optimum use with
  - 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
- ♦ Driving platform and floor levelling pre-equipped for use of an optional axle lift
- ♦ Additional corrosion protection treatment in area of fold and cavity sealing
- ♦ Optional no-dazzle rotatable LED lighting
- ♦ Pinch point and shear point protection thanks to CE stop

Lift unit:

- ♦ A corrosion-resistant, hard-chrome plated hydraulic piston ensures long-term stability since this is immersed in hydraulic oil with every lift, thus ensuring the application of a latent protective film.
- ♦ Simple, suspended installation of the lifting platform - offering the advantage of power transmission directly into the hall floor
- ♦ Ultra-quiet hydraulic pump and electric motor, corrosion-resistant oil-submerged version, optionally available with organic oil
- ♦ Electronic lift control with visual error display
- ♦ Battery-operated emergency lowering
- ♦ Optimisation of every aspect of workplace ergonomics thanks to optional, standard-independent control via traffic-light energy module or flush-mounted switching system

## STANDARD DELIVERY:

- ♦ Driving platform 4400 mm powder-coated gentian blue (RAL 5010)
- ♦ Wheel-free jack platform powder-coated gentian blue (RAL 5010)
- ♦ Lift unit with integrated after-lift device
- ♦ 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	3500 kg
Load capacity CE with wheel-free jack	3500 kg
Lifting height max.	2090 mm
Full travel of wheel-free jack	600 mm
Wheel-free jack installation height	60 mm
Post diameter	125 mm/90 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.	35 s / 35 s
Lifting/lowering time of wheel-free jack depending on load approx.	11 s / 11 s
Installation depth	2380 mm
Inner drive-through width	840 mm
Piston centers	1350 mm
Operating pressure	28 bar
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 186 mm
Runway dimensions (L x W x H)	4400 mm x 617 mm x 126 mm
Hydraulic fluid quantity (not included in standard delivery)	108 l

## ACCESSORIES:

VZ 972126	Secondary lifting unit with 2000 mm lifting height
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 972498	Install. frame with floor compens.
VZ 972501	Install. frame without floor compens.
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
VV 997237	Packing two cylinder lift -overseas-
VV 997046	Packing two cylinder lift -Europe-
VV 997053	Packing installation box two cylinder lift
VV 995110	Extra charge for driving platforms -Europe-
VV 995111	Packing runways -overseas-
VV 997479	Packing for floor compensation -Europe-
VV 997480	Packing for floor compensation -overseas-
VV 997481	Packing installation frame -Europe/overseas-

# ZS SQUARE II 5.0 P

## LIFTING TECHNOLOGY



## SQUARE

VP 252216

Two Post Inground Lift with driving platform and 5000 kg load capacity

### DESCRIPTION:

Two-post in-floor lift with driving platforms

Driving platform:

- ◆ Optional driving platform length 4800 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
- ◆ Optionally, can be upgraded to vehicle check-in lift 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
- ◆ 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 4800 mm 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	5000 kg
Lifting height max.	2050 mm
Raising / Lowering time (load-dependent) approx.	30 s / 20 s
Installation depth	2382 mm
Inner drive-through width	950 mm
Piston centers	1567 mm
Post dimensions, square	180 mm
Operating pressure	180 bar
Motor power	3 kW
Fuse gG	16 A
Power supply	3/N/PE 400 V 50 Hz
Control unit (without options) (H x W x D)	320 mm x 220 mm x 120 mm
Dimensions total (L x W x H)	5868 mm x 2184 mm x 150 mm
Runway dimensions (L x W x H)	4800 mm x 617 mm x 150 mm
Hydraulic fluid quantity (not included in standard delivery)	28 l

## ACCESSORIES:

VZ 975013	Runways with granulate coating
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 972448	Drive-on ramps, length 1500 mm
VZ 972485	Exit Ramps 1500 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 972268	Floor compensation, pneumatic, 4800mm
VZ 972269	Install. frame with floor compens.
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 970027	Sliding plates long 1465 mm
VZ 975027	Sliding plate covers, standard aluminium
VZ 971316	Sliding plates high-precision
VZ 975032	Compensating plates without turning plates
VZ 975630	Set of compensating plates, 4.8m
VZ 972556	Installation tub two-post inground lifts 1580
VM 999035	Hydraulic Oil (HLP-D 22) per litre
VV 997237	Packing two cylinder lift -overseas-
VV 997046	Packing two cylinder lift -Europe-
VV 997053	Packing installation box two cylinder lift
VV 995110	Extra charge for driving platforms -Europe-
VV 995111	Packing runways -overseas-
VV 997479	Packing for floor compensation -Europe-
VV 997480	Packing for floor compensation -overseas-
VV 997481	Packing installation frame -Europe/overseas-

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