

LIFTING TECHNOLOGY

TWO POST INGROUND LIFT

ZS DUETT 4.5 GS
VP 252316



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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/ACCESSORIES

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 |

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| | |
|--|--------------------|
| 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 |

ACCESSORIES

| | | | |
|-----------------------------------|---|----------------------------------|---|
| VZ 972557 | Installation tub for lifts 2500 mm cylinder distance MODEL: EW SA 2500 | VZ 971520 | Special Prism Support for MB G-Class with Tread Plate Plug-In System - (4 pcs.) |
| ACCESSORIES FOR SWING ARMS | | VZ 971461 | Wheel-Engaging Support Forks (4 pcs) |
| VZ 971539 | Storage Tray MAHA stainless steel, magnetic for small parts, (2 pcs) | FLUSH-FITTED INSTALLATION | |
| VZ 971635 | Rubberised foil for tools on the swing arms (4 pcs) Dimensions: 185 x 83 mm | VZ 972520 | Swing Arm Lift Full travel extended |
| VZ 971220 | Support Plate Extension 50 mm galvanized, (2 pcs.) Diameter of supports 35 mm | VZ 972558 | Installation tub for lifts 2500 mm cylinder distance deep MODEL: EW SA 2500 T |
| VZ 971221 | Support Plate Extension 100 mm galvanized (2 pcs.) Diameter of supports 35 mm | VZ 972570 | Installation frame w. cover for flush-fitted swing arms |
| VZ 971222 | Support Plate Extension 150 mm galvanized (2 pcs.) Diameter of supports 35 mm | SUPPLEMENTARY CHARGES | |
| VZ 971223 | Support Plate Extension 200 mm galvanized (2 pcs.) Diameter of supports 35 mm | VT 998235 | Transport Werkverkehr -SÜDEin-/Zwei-Stempel-Hebebühne mit Tragwerk |
| VZ 971224 | Holding Device for 2 Support Plate Extensions, can be mounted to Wall (2 pcs.) | VT 998236 | Transport Werkverkehr -NORDEin-/Zwei-Stempel-Hebebühne mit Tragwerk |
| VZ 975050 | Non-skid device for vehicles with longitudinal frame up to 100 mm width (2 pcs) | VT 998237 | Transport Werkverkehr -SÜDEinbauwanne (1 - 4 Stück) |
| VZ 971247 | Support Plates for VOLVO external diameter 100 mm plug-in system- (4 pcs.) | VT 998238 | Transport Werkverkehr -NORDEinbauwanne (1 - 4 Stück) |
| VZ 971649 | Strap attachment on support arm thread for tilt protection | VT 998231 | Transport Werkverkehr -SÜDEinfassungsrahmen |
| VZ 971226 | Special Prism Support for MB Sprinter and VW Crafter Plug-In System - (2 pcs.) | VT 998232 | Transport Werkverkehr -NORDEinfassungsrahmen |
| VZ 975601 | Support arbor (2 pcs.) for MB Sprinter/VW Crafter | VM 996001 | Montagekosten Zweistempel-Hebebühne inkl. Tragwerk/Arme |
| VZ 971227 | Special Prism Support for MB G-Class w/o Tread Plate Plug-In System - (4 pcs.) | VM 996212 | Montagekosten Einbauahmen für bodenebene Schwenkarm 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 |