

LIFTING TECHNOLOGY

TWO POST INGROUND LIFT

ZS DUETT 3.5 GS
VP 252314



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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, 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

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TECHNICAL DATA

Min. height of support arms	83, 92, 101 mm
Adjustment range of support discs	78 - 109 mm
Lifting height max.	1972 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 971636 Sports car supp. arms (4 pcs) -EXTRA CHARGE
 VZ 972557 Installation tub for lifts 2500 mm cylinder distance MODEL: EW SA 2500

ACCESSORIES FOR SWING ARMS

- VZ 971539 Storage Tray MAHA stainless steel, magnetic for small parts, (2 pcs)
 VZ 971635 Rubberised foil for tools on the swing arms (4 pcs) Dimensions: 185 x 83 mm
 VZ 971220 Support Plate Extension 50 mm, galvanized, (2 pcs.) Diameter of supports 35 mm
 VZ 971221 Support Plate Extension 100 mm galvanized (2 pcs.) Diameter of supports 35 mm
 VZ 971222 Support Plate Extension 150 mm galvanized (2 pcs.) Diameter of supports 35 mm
 VZ 971223 Support Plate Extension 200 mm galvanized (2 pcs.) Diameter of supports 35 mm
 VZ 971224 Holding Device for 2 Support Plate Extensions, can be mounted to Wall (2 pcs.)
 VZ 975050 Non-skid device for vehicles with longitudinal frame up to 100 mm width (2 pcs)
 VZ 971247 Support Plates for VOLVO external diameter 100 mm plug-in system- (4 pcs.)
 VZ 971649 Strap attachment on support arm thread for tilt protection
 VZ 971226 Special Prism Support for MB Sprinter and VW Crafter Plug-In System - (2 pcs.)
 VZ 975601 Support arbor (2 pcs.) for MB Sprinter/VW Crafter
 VZ 971227 Special Prism Support for MB G-Class w/o Tread Plate Plug-In System - (4 pcs.)

- VZ 971520 Special Prism Support for MB G-Class with Tread Plate Plug-In System - (4 pcs.)

FLUSH-FITTED INSTALLATION

- VZ 972520 Swing Arm Lift Full travel extended
 VZ 972558 Installation tub for lifts 2500 mm cylinder distance deep MODEL: EW SA 2500 T
 VZ 972521 Installation frame w. cover for flush-fitted swing arms

SUPPLEMENTARY CHARGES

- VT 998235 Transport Werkverkehr -SÜDEin-/Zwei-Stempel-Hebebühne mit Tragwerk
 VT 998236 Transport Werkverkehr -NORDEin-/Zwei-Stempel-Hebebühne mit Tragwerk
 VT 998237 Transport Werkverkehr -SÜDEinbauwanne (1 - 4 Stück)
 VT 998238 Transport Werkverkehr -NORDEinbauwanne (1 - 4 Stück)
 VT 998231 Transport Werkverkehr -SÜDEinfassungsrahmen
 VT 998232 Transport Werkverkehr -NORDEinfassungsrahmen
 VM 996001 Montagekosten ZweistempelHebebühne inkl. Tragwerk/Arme
 VM 996212 Montagekosten Einbaurahmen 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