

# LIFTING TECHNOLOGY

## TWO POST INGROUND LIFT

**ZS DUETT 4.5 GS**  
VP 252316



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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, 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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### TECHNICAL DATA

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.)
<b>ACCESSORIES FOR SWING ARMS</b>		VZ 971461	Wheel-Engaging Support Forks (4 pcs)
VZ 971539	Storage Tray MAHA stainless steel, magnetic for small parts, (2 pcs)	<b>FLUSH-FITTED INSTALLATION</b>	
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	<b>SUPPLEMENTARY CHARGES</b>	
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 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