

# LIFTING TECHNOLOGY

## TWO POST INGROUND LIFT

**M35-44F**  
VP 252155



### M35-44F VP 252155

The two post in-ground lift, with runway, lifts cars and vans of up to 3.5 t. The runway lift, with electro-hydraulic post-in-post MAESTRO lifting unit and platform 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). MAESTRO post-in-post lifts can also be equipped with a wheel-free jack.

#### PRODUCT DETAILS/ACCESSORIES

Description:  
Two-post in-floor lift with driving platforms and Platform support

Description of 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 Platform 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

MAESTRO 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

Scope of delivery:

- Driving platform 4400 mm, Wheel-free jack platform, powder-coated Anthracite Grey (RAL 7016)
- 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

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### 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 186 mm
Max. lifting height	2090 mm
Lifting distance, wheel-free jack	600 mm
Wheel-free jack lengthways holder, continuous	1325 - 2042 mm
Wheel-free jack crosswise holder	840 - 2074 mm
Wheel-free jack installation height	60 mm
Post diameter	125/90 mm
Post spacing	1350 mm
Installation depth	2380 mm
Lifting/lowering time depending on load	approx. 35/35 s
Lifting/lowering time of wheel-free jack depending on load	approx. 11/11 s
Hydraulic oil volume (not included)	approx. 108 l
Operating pressure	28 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

### ACCESSORIES

VZ 972126	Secondary Lifting Unit with 2000 mm lifting height (only in conjunction w. basic lift)	VZ 975181	Compressed-Air Servicing Unit with Fastening Angle (0 - 10 bar)
<b>ACCESSORIES RAMPS/ROLL-OFF SAFETY BARS (not for Design- and Modul Runways)</b>		<b>ACCESSORIES RUNWAY COVER</b>	
VZ 972425	Flush-fitted Runway Install. Drive-over Flaps instead of Drive-on Ramps (4 pcs.)	VZ 975013	Runways with Granulate Coating -Extra Charge
VZ 972153	Auto chocks (2 pcs.), only for flush-fitted installation of runways	VZ 972274	Runway panelling with aluminum sheets Runway length 4400 mm
VZ 972424	Roll-off Protection, Hinged (MAHA) only for Runways w. Foundation Install. (2 pcs.)	VZ 970100	Wheel-free jack panelling with aluminum sheets
VZ 972150	Exit ramp, for above-floor installation, length 1000 mm	<b>ACCESSORIES FOR FLAT LIFTING HEADS</b>	
<b>ACCESSORIES FOR RUNWAYS</b>		VZ 975069	Plastic Chocks (4 pcs.) (47 x 132 x 340 mm)
VZ 990432	LED Illuminant, 2 pcs (1 pcs per each Runway)	VZ 975634	Rubber Chocks Set pyramidal h=80 mm, 120x120 mm (4 pcs.) MODEL: GK 12/8 set
VZ 990433	LED Illuminant, 4 pcs (2 pcs per each Runway)	VZ 975927	Rubber Chocks Set pyramidal h=40 mm, 120x120 mm (4 pcs.) MODEL: GK 12/4 set
VZ 990012	Shockproof socket 230 V, integrated into runway (only in combination w. lighting)	VZ 975586	Rubber pads flat 100 x 150 x 20 mm (4 pieces)
VZ 990199	Safety Switch for Lift in conjunction with Brake Testers MAHA	<b>AXLE JACK, PLEASE SEE SEPARATE PRICELIST!</b>	
		<b>ACCESSORIES FLUSH-FLOOR RUNWAY 4.400 mm</b>	
		VZ 972145	Floor compensation, pneumatic, for runway 4.4 m
		VZ 972275	Floor cover panelling with aluminum sheets Runway length 4,400 mm

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VZ 972498 Installation frame for runway 4.4 m flush-fitted, with floor compens. ZS MAESTRO 3.5t

### ACCESSORIES RUNWAYS FOR WHEEL ALIGNMENT

VZ 972107 Levelling legs, adjustable, working height approx. 1200 mm

VZ 972115 Telescopic Levelling Legs for 2 positions (min. 1375 mm, max. 1700 mm)

VZ 975026 Sliding Plates (2 pcs.) LxWxH: 1060 x 570 x 50 mm

VZ 975027 Aluminium Covers for Sliding Plates (2 pcs.)

VZ 971316 Sliding Plates Precision (2 pcs.) LxWxH: 1150x600x50 mm

VZ 975032 Compensating plates (2) for equipment without turning plates

### ACCESSORIES RUNWAYS 4400 mm COMPENSATING PLATES

VZ 975624 Set of compensating plates for turntables and sliding plates with granulate coating

VZ 975041 Compensating Plates for Levelling of Wheel-Free Jack (runway 4.4m) granulate coat.

VZ 975628 Compensating Plates for Levelling of Wheel-Free Jack with Aluminium cover

### INSTALLATION BOXES

VZ 972555 Installation tub for lifts 1350 mm cylinder distance MODEL: EW SA 1350

### SUPPLEMENTARY CHARGES

VT 998027 Transportkosten Zwei-Stempel Fahrflächen Hebebühne

VT 998028 Transportkosten für Bodenausgleich oder Fahrflächen

VT 998029 Transportkosten für Fundamentrahmen (Stempel-Hebebühne)

VT 998005 Transportkosten Einbauwanne EW SA 0/EW SA 1350/EW SA 1580 pro Stück

VM 996155 Montagekostenpauschale für Zweistempel-Hebebühne mit Fahrfläche

VM 996020 Montagekosten Bodenausgleich bei Einbau in Zwei-/Vier Stempel-Fahrflächen-Hebebühne

VM 996213 Montagekosten Einbaurahmen für bodenebene Fahrflächen 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

VV 995110 Extra Charge for Driving Platforms of Two-Cylinder Lift -within Europe-