

LIFTING TECHNOLOGY

TWO POST INGROUND LIFT

M35-44F
VP 252155



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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
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 970100	Wheel-free jack panelling with aluminum sheets
VZ 972425	Flush-fitted Runway Install. Drive-over Flaps instead of Drive-on Ramps (4 pcs.)	VZ 975069	Plastic Chocks (4 pcs.) (47 x 132 x 340 mm)
VZ 972153	Auto chocks (2 pcs.), only for flush-fitted installation of runways	VZ 975634	Rubber Chocks Set pyramidal h=80 mm, 120x120 mm (4 pcs.) MODEL: GK 12/8 set
VZ 972424	Roll-off Protection, Hinged (MAHA) only for Runways w. Foundation Install. (2 pcs.)	VZ 975927	Rubber Chocks Set pyramidal h=40 mm, 120x120 mm (4 pcs.) MODEL: GK 12/4 set
VZ 972150	Exit ramp, for above-floor installation, length 1000 mm	VZ 975586	Rubber pads flat 100 x 150 x 20 mm (4 pieces)
VZ 990432	LED Illuminant, 2 pcs (1 pcs per each Runway)	VZ 972145	Floor compensation, pneumatic, for runway 4.4 m
VZ 990433	LED Illuminant, 4 pcs (2 pcs per each Runway)	VZ 972275	Floor cover panelling with aluminum sheets Runway length 4,400 mm
VZ 990012	Shockproof socket 230 V, integrated into runway (only in combination w. lighting)	VZ 972498	Installation frame for runway 4.4 m flush-fitted, with floor compens. ZS MAESTRO 3.5t
VZ 990199	Safety Switch for Lift in conjunction with Brake Testers MAHA	VZ 972107	Levelling legs, adjustable, working height approx. 1200 mm
VZ 975181	Compressed-Air Servicing Unit with Fastening Angle (0 - 10 bar)	VZ 972115	Telescopic Levelling Legs for 2 positions (min. 1375 mm, max. 1700 mm)
VZ 975013	Runways with Granulate Coating -Extra Charge	VZ 975026	Sliding Plates (2 pcs.) LxWxH: 1060 x 570 x 50 mm
VZ 972274	Runway panelling with aluminum sheets Runway length 4400 mm	VZ 975027	Aluminium Covers for Sliding Plates (2 pcs.)
		VZ 971316	Sliding Plates Precision (2 pcs.) LxWxH: 1150x600x50 mm

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VZ 975032	Compensating plates (2) for equipment without turning plates	VT 998242	Internal transport -NORTHFoundation frame for runway
VZ 975624	Set of compensating plates for turntables and sliding plates with granulate coating	VT 998237	Internal transport -SOUTHInstallation tub (1 - 4 pcs)
VZ 975041	Compensating Plates for Levelling of Wheel-Free Jack (runway 4.4m) granulate coat.	VT 998238	Internal transport -NORTHInstallation tub (1 - 4 pcs)
VZ 975628	Compensating Plates for Levelling of Wheel-Free Jack with Aluminium cover	VM 996155	Montagekostenpauschale für Zweistempel-Hebebühne mit Fahrfläche
VZ 972555	Installation tub for lifts 1350 mm cylinder distance MODEL: EW SA 1350	VM 996020	Montagekosten Bodenausgleich bei Einbau in Zwei-/Vier Stempel-Fahrflächen-Hebebühne
SUPPLEMENTARY CHARGES			
VT 998239	Internal transport -SOUTHTwo-/Four-post lift with runways	VM 996213	Montagekosten Einbaurahmen für bodenebene Fahrflächen brücke
VT 998240	Internal transport -NORTHTwo-/Four-post lift with runways	VM 999035	Hydraulic Oil (HLP-D 22) per Litre -NET PRICE
VT 998241	Internal transport -SOUTHFoundation frame for runway	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-