

LIFTING TECHNOLOGY

MULTI-POST INGROUND LIFT

TRUCKLIFT 4/3 RS 14.0
VP 452094



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The multi-post lifting system, with four posts, lifts commercial vehicles and buses of up to 56 t. Three of the four lifting units are moveable and equipped with a narrow roller cover and support crossbeam. The various vehicle reception positions can be conveniently stored and recalled using the automatic position-finding system. The robust aluminium roller cover consists of screw-free, smooth rolling jointed segments with a non-slip aluminium profile and can also be supplemented with a wider cover or crossbeam carrier. The torsion-resistant TRUCKLIFT double posts are designed to be self-locking.

PRODUCT DETAILS/ACCESSORIES

Description:
Multi-post system with four lifting units, three of which are moveable, with surface-mounted vehicle support and narrow roller cover; modular design

- Flexible and custom-selectable post distance thanks to modular design of individual installation boxes
- Torsion protection through rigid dual post system
- Optimal operational safety thanks to redundant system with two separate hydraulic circuits and additional electronic pressure/leakage monitoring as standard
- Corrosion-resistant hydraulic piston; self-lubricating as piston dips into hydraulic oil with every lift
- Optional use of biodegradable mineral-based oil with long service life
- Space-saving medium-pressure hydraulic unit, mounted on the lifting units, travels with the moveable lifting unit (no hose routing or movement within the installation box)
- Low-noise operation thanks to ultra-quiet motor in the installation box
- Robust roller cover system with electric travel drive, made from pivot bearing aluminium profiles with non-slip surface
- Narrow roller cover with surface-mounted support, can be driven over with wheel loads of up to 4.0 t
- Electronic synchronous control of lifting units for uniform vehicle lifting (as per EN 1493), independent of varying vehicle pick-up point heights, and with robust inductive height sensor system

- Two operating panels (incl. text display) for easy operation of central control and programming unit when moving the lifting units / lifting the vehicle
- High operational flexibility through different operating modes, including group and individual options, enables efficient work performance
- Position memory programme allows pick-up positions of up to 40 vehicles to be stored and recalled at any time
- Cable-connected remote control facilitates and speeds up exact positioning of vehicle support (20 m cable)
- Simple, integrated, pneumatically operated emergency lowering function; also usable in cases of power failure

Delivery contents:

- Four lifting units, three of which are moveable, with S roller cover
- Support crossbar in anthracite grey (RAL 7016)
- 2 sets of vehicle support sliders for forged axles with synthetic overlay (VZ 972343)
- 2 sets of hinged vehicle support sliders, height 220 (280) mm (VZ 972340)
- Control cabinet and portable operating panel
- Pre-assembled cable harnesses per lifting unit, length 30 m
- Wiring and mounting materials
- Installation box/installation frame not included
- Lockable main switch
- Operating instructions
- CE declaration of conformity

TECHNICAL DATA

| | |
|------------------------------------|----------------|
| CE load capacity | 56000 kg |
| Load capacity per lifting unit | 800 - 14000 kg |
| Max. lifting height | 2050 mm |
| Sliding post / fixed post | |
| installation depth | 2523 / 2723 mm |
| Moveable lifting unit travel range | 4020 mm |
| Support cross-beam width | 1000 mm |

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TECHNICAL DATA

| | |
|---|--------------------|
| Post diameter | 2 x 125 mm |
| Roller cover traversable with wheel load | 4000 kg |
| Roller cover width | 630 mm |
| Roller cover material | Aluminium |
| Lifting time / lowering time, load-dependent | approx. 60 / 60 s |
| Hydraulic oil volume (not included) | approx. 260 l |
| Operating pressure | 70 bar |
| Control unit (H x W x D) | 800 x 800 x 300 mm |
| Drive power | 16.0 kW |
| gG Fuse | 35 A |
| Power supply | 3/N/PE 400 V 50 Hz |

ACCESSORIES

| | | | |
|-----------|---|------------------------------|---|
| VZ 972319 | Installation frame, narrow, for 4/3 RS 14.0 lift systems | VZ 972345 | Sliding piece for kingpins (only in conjunction with hinged slider VZ 972341) |
| VZ 972550 | Narrow roller cover 4/3 RST with bay for ground level vehicle take-up -EXTRA CHARGE- | VZ 972203 | Wheel positioner for exact positioning of vehicles |
| VZ 972321 | Installation frame, narrow, with beam recess, for 4/3 RST 14.0 lifting systems | VZ 972349 | Standing column for control console |
| VZ 972551 | Wide roller cover 4/3 RB for integrated ground level vehicle take-up -EXTRA CHARGE- | VZ 972373 | Wall holder for pendant panel |
| VZ 972323 | Installation frame, wide, for 4/3 RB 14.0 lifting systems | VZ 972372 | Individual operation for 4-Post Lifting System |
| VZ 972339 | Hinged slider, Height 155 mm, small version (2 pcs.) | VZ 972334 | Water Pump for Cassette for 3 movable posts |
| VZ 972340 | Hinged slider, Height 220 mm, middle version (2 pcs.) | VZ 972351 | Water Pump for drainage for fixed post |
| VZ 972341 | Hinged slider, Height 280 mm, large version (2 pcs.) | VZ 972383 | Positioning assistance for box and installation frame |
| VZ 972343 | Sliding piece f. forged axles with synthetic support height 50 mm (2 pcs.) | VZ 972354 | Cover for fixed post installation frame Surface-mounted version |
| VZ 972342 | Sliding piece f. forged axles Height 155 mm (2 pcs.) Traverse total height 215 mm | VZ 972352 | Cover for narrow installation frame moveable RS/RST |
| VZ 972397 | Sliding piece with pit jack plug-on system, 14,5t load cap. Extension length 270 - 870 mm | VZ 972353 | Cover for wide installation frame moveable RB |
| VZ 972454 | Sliding piece with pit jackplug-on system, 11t load cap. Extension length 560 - 1160 mm | SUPPLEMENTARY CHARGES | |
| VZ 972336 | Sliding piece for Differential small version Synthetic roller separ. 250 mm | VT 998245 | Transport Werkverkehr -SÜDDrei-/Vier-Stempel-Hebeanlage |
| VZ 972337 | Sliding piece for Differential middle version Synthetic roller separ. 280 mm | VT 998246 | Transport Werkverkehr -NORDDrei-/Vier-Stempel-Hebeanlage |
| VZ 972338 | Sliding piece for Differential large version Synthetic roller separ. 400 mm | VT 998247 | Transport Werkverkehr -SÜDRahmen für Mehrstempel Hebeanlage |
| | | VT 998248 | Transport Werkverkehr -NORDRahmen für Mehrstempel Hebeanlage |
| | | VM 996123 | Montagekosten für Vier-Stempel-Hebeanlage 4/x ohne Baumaßnahmen |
| | | VM 999035 | Hydraulic Oil (HLP-D 22) per Litre -NET PRICE |
| | | VM 999036 | Environmental-Friendly Hydr. Oil (PE-B 30), per litre -NET- |
| | | VV 997593 | Packing charges Lifting System 4/3 |