

# LIFTING TECHNOLOGY MULTI-POST INGROUND LIFT

**TRUCKLIFT 3/2 RS 14.0**  
VP 452093



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The multi-post lifting system, with three posts, lifts commercial vehicles and buses of up to 42 t. Two of the three lifting units are movable 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 three lifting units, two 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 take-up (20 m cable)
- Simple, integrated, pneumatically operated emergency lowering function; also usable in cases of power failure

#### Scope of delivery:

- Three lifting units, two of which are movable, with S roller cover
- Support crossbar in anthracite grey (RAL 7016)
- 1 set 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                   | 42000 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        |

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### TECHNICAL DATA

|   |                    |
|---|--------------------|
| Support cross-beam width                        | 1000 mm            |
| 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,<br>load-dependent | approx. 60 / 60 s  |
| Hydraulic oil volume (not included)             | approx. 195 l      |
| Operating pressure                              | 70 bar             |
| Control unit (H x W x D)                        | 800 x 800 x 300 mm |
| Drive power                                     | 13.0 kW            |
| gG Fuse   | 35 A               |
| Power supply                                    | 3/N/PE 400 V 50 Hz |

### ACCESSORIES

|           |   |                              |  |
|-----------|---|------------------------------|--|
| VZ 972301 | Installation frame, narrow, for 3/2 RS 14.0 lift systems                                  | VZ 972338                    | Sliding piece for Differential large version Synthetic roller separ. 400 mm        |
| VZ 972544 | Narrow roller cover 3/2 RST with bay for ground level vehicle take-up -EXTRA CHARGE-      | VZ 972345                    | Sliding piece for kingpins (only in conjunction with hinged slider VZ 972341)      |
| VZ 972303 | Installation frame, narrow, with beam recess, for 3/2 RST 14.0 lifting systems            | VZ 972203                    | Wheel positioner for exact positioning of vehicles                                 |
| VZ 972545 | Wide roller cover 3/2 RB for integrated ground level vehicle take-up -EXTRA CHARGE-       | VZ 972349                    | Standing column for control console  |
| VZ 972305 | Installation frame, wide, for 3/2 RB 14.0 lifting systems                                 | VZ 972373                    | Wall holder for pendant panel  |
| VZ 972339 | Hinged slider, Height 155 mm, small version (2 pcs.)                                      | VZ 972330                    | Liquid Pump for 2 movable posts  |
| VZ 972340 | Hinged slider, Height 220 mm, middle version (2 pcs.)                                     | VZ 972351                    | Liquid Pump 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 jack plug-on system, 11t load cap. Extension length 560 - 1160 mm  | <b>SUPPLEMENTARY CHARGES</b> |  |
| VZ 972336 | Sliding piece for Differential small version Synthetic roller separ. 250 mm               | VT 998245                    | Internal transport -SOUTHThree-/Four-post lift                                     |
| VZ 972337 | Sliding piece for Differential middle version Synthetic roller separ. 280 mm              | VT 998246                    | Internal transport -NORTHThree-/Four-post lift                                     |
|           |   | VT 998247                    | Internal transport -SOUTHFrame for Multi-post lift                                 |
|           |   | VT 998248                    | Internal transport -NORTHFrame for Multi-post lift                                 |
|           |   | VM 996122                    | Installation costs on site for Three Post Inground Lift 3/x w/o construction costs |
|           |   | VM 999035                    | Hydraulic Oil (HLP-D 22) per Litre -NET PRICE                                      |
|           |   | VM 999036                    | Environmental-Friendly Hydr. Oil (PE-B 30), per litre -NET-                        |
|           |   | VV 997592                    | Packing charges Lifting System 3/2   |