

# 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	<b>SUPPLEMENTARY CHARGES</b>	
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