

# LIFTING TECHNOLOGY

## MOBILE COLUMN LIFT

**RGA UC**  
VP 451179



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The mobile wheel engaging COLUMNLIFT RGA UC lifts up to 7.5 t per column and is equipped with an adjustable universal lifting carriage. Streamline column design offers a good overview when manoeuvring. The low-maintenance, electro-mechanical drive system ensures extremely smooth running while the excellent mechanical rigidity of the columns guarantees safety and the ability to function in any condition. A high-quality worm gear motor enables precision height positioning without overrun. Column communication is via wireless connection, the power supply via batteries.

#### PRODUCT DETAILS/ACCESSORIES

- Very smooth running due to electro-mechanical drive system
  - High efficiency thanks to smooth-running, low-maintenance ball screw
  - 5-year warranty for entire spindle drive
  - Excellent lifting column mechanical rigidity guarantees safety and function under any conditions
  - Lifting columns can be moved conveniently and easily thanks to hydraulic dolly at each column
  - Precision-height positioning without overrun thanks to high-quality worm gear motor
  - Lifting carriages with adjustable universal support
  - Generous adjustment range, also suitable for large wheel diameters
  - Overhead drive unit creates even more space in the work area
  - Workshop-robust and splash-proof control unit
  - Wear-free and easy-to-use membrane keypad
  - Flexible column positioning thanks to battery power supply (4 x 12 V), guaranteeing suitability across all vehicle categories
  - User convenience with panel operator controls on each individual column
  - High level of flexibility in use due to different operating modes
  - Group and individual column operating modes enable quick and easy replacement of wheel and axle suspensions
  - Microprocessor control and wireless monitoring of movement synchronisation and all safety functions
  - Utmost safety thanks to mechanically independent locking device
  - Simple emergency lowering for power failure included as standard
  - System can easily be expanded with up to eight columns
  - Streamline COLUMNLIFT design aids manoeuvrability specifically in workstations with restricted space
  - High-quality powder coating:
    - Window Grey, RAL 7040 (Columns)
    - Anthracite, Grey RAL 7016 (Lifting carriages)
- Scope of delivery:
- 4 individual mobile columns with battery power supply
  - 4 hydraulic dollies

#### TECHNICAL DATA

Load capacity CE per column	7500 kg
Drive power per column	1.5 kW
Weight per column	545 kg
Lifting distance	1750 mm
Raising/lowering time	113 s
Tyre diameter min. - max.	550 - 1500 mm
Fork length	380 mm
Voltage for charger	230 V
Lifting cycles partial load (3500 kg)	35
Lifting cycles full load	25
Protection rating	IP 54

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### ACCESSORIES

VZ 971585	Single Post RGA UC 7500 kg lifting capacity with hydr. dolly	VZ 971289	Support Plate APV II -Squarefor Support Stand AB 6-07/12/20
VP 451180	Single Post RGA UC -SUBSEQUENT DELIVERY Lifting capacity 7500 kg	VZ 971290	Support Plate APVV II -Squareadjustable, for Support Stand AB 6-07/12/20
VZ 971588	Flat support forks for forklift trucks 1 set (2 pcs)	VZ 971168	Screw Adjustment SP 75 for AB 6-07/12/20 Support Stands
VZ 971286	Cable Remote Control KFB2 for Mobile Column Lift	VZ 971310	Crossbar for Support of SemiTrailers with 2 King Pin
VZ 971164	Support Stand AB 6-07, lifting capacity 7500 kg, adjustment range 470 - 795 mm (each)	VZ 971546	Transverse Beam TR8 32 Load capacity 8t
VZ 971165	Support Stand AB 6-12, lifting capacity 7500 kg, adjustment range 875 - 1395 mm, mobile	VZ 971347	Transverse Beam TR10-32 Load capacity 10t
VZ 971166	Support Stand AB 6-20, lifting capacity 7500 kg, adjustment range 1200-1965 mm, mobile	<b>SUPPLEMENTARY CHARGES</b>	
VZ 971287	Support Plate APR II -Roundpluggable, for Support Stand AB 6-07/12/20	VT 995698	Transportkosten 4 Einzelsäulen inkl. Verpackung
VZ 971288	Support Plate APRV II -Roundadjustable, for Support Stand AB 6-07/12/20	VT 995699	Transportkosten 6 Einzelsäulen inkl. Verpackung
		VT 995703	Transportkosten 8 Einzelsäulen inkl. Verpackung
		VM 996077	Installation costs for mobile column lifts
		VV 997560	Transport cradle for mobile columns (horizontal) each containing 2 columns