

# LIFTING TECHNOLOGY

## MOBILE COLUMN LIFT

RGE UC  
VP 451177



### RGE UC VP 451177

The mobile wheel engaging COLUMNLIFT RGE 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 connecting cable, the power supply via mains power.

#### 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
- 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 excess-length connection cables, 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 CAN bus-supported 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 up to six columns, no additional supply unit required
- 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
- 1 supply unit 3 x 400 V / 50 Hz
- 3 connecting cables (10m each) with plug and socket
- 1 mechanical dolly, repositionable

#### TECHNICAL DATA

Load capacity CE per column	7500 kg
Drive power per column	1.5 kW
Weight per column	452 kg
Lifting distance	1750 mm
Raising/lowering time	113 s
Tyre diameter min.- max.	550 - 1500 mm
Fork length	380 mm
Supply voltage	3/N/PE 400 V 50 Hz
Protection rating	IP 54

#### ACCESSORIES

VZ 971584 Single Post RGE UC, 7500 kg lifting capacity incl.

connection cable & plug

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VZ 971204	Special Control Unit for connection of up to 12 wheel grabbing posts -EXTRA CHARGE-	VZ 971289	Support Plate APV II -Squarefor Support Stand AB 6-07/12/20
VP 451178	Single Post RGE UC -SUBSEQUENT DELIVERY Lifting capacity 7500 kg	VZ 971290	Support Plate APVV II -Squareadjustable, for Support Stand AB 6-07/12/20
VZ 971159	Power Unit 3 x 400V/50Hz	VZ 971168	Screw Adjustment SP 75 for AB 6-07/12/20 Support Stands
VZ 971588	Flat support forks for forklift trucks 1 set (2 pcs)	VZ 971310	Crossbar for Support of SemiTrailers with 2 King Pin
VZ 971281	RGE Lift to be used in Wash Halls -EXTRA CHARGE PER POST-	VZ 990314	Special Voltage (RGE) 3x230 V, 50 Hz/60 Hz a maximum of 6 posts possible
VZ 971182	Remote Control TCNA 10-2 for RGE Up/Down with emergency stop switch	VZ 990456	Linking cable 15 m -Extra charge per cable
VZ 971179	Removable Mechanical Dolly, MODEL: MFR-2	VZ 990457	Linking cable 20 m -Extra charge per cable
VZ 971181	Hydraulic Pallet-Type Fixed Dolly, screwed onto post MODEL: MFP	<b>SUPPLEMENTARY CHARGES</b>	
VZ 971164	Support Stand AB 6-07, lifting capacity 7500 kg, adjustment range 470 - 795 mm (each)	VT 998032	Transportkosten 2 Einzelsäulen inkl. Verpackung
VZ 971165	Support Stand AB 6-12, lifting capacity 7500 kg, adjustment range 875 - 1395 mm, mobile	VT 995698	Transportkosten 4 Einzelsäulen inkl. Verpackung
VZ 971166	Support Stand AB 6-20, lifting capacity 7500 kg, adjustment range 1200-1965 mm, mobile	VT 995699	Transportkosten 6 Einzelsäulen inkl. Verpackung
VZ 971287	Support Plate APR II -Roundpluggable, for Support Stand AB 6-07/12/20	VT 995703	Transportkosten 8 Einzelsäulen inkl. Verpackung
VZ 971288	Support Plate APRV II -Roundadjustable, for Support Stand AB 6-07/12/20	VT 995704	Transportkosten 10 Einzelsäulen inkl. Verpackung
		VT 995705	Transportkosten 12 Einzelsäulen inkl. Verpackung
		VM 996077	Installation costs for mobile column lifts
		VV 997560	Transport cradle for mobile columns (horizontal) each containing 2 columns