

LIFTING TECHNOLOGY MOBILE COLUMN LIFT

C_RGA 8.5 UC STOCK
VP 451197



C_RGA 8.5 UC STOCK VP 451197

The new mobile column lift model C_RGA with proven electromechanical drive is completely oil-free and thus requires extremely little maintenance. If a nut happens to break, the sophisticated technology and the safety wedge ensure high mechanical safety when lifting wheel loads of up to 8.5 t per column. The high-quality worm gear motor with brake delivers precise vertical positioning without overtravel. Handling is comfortable and practical – thanks to its optimised and slim column design, the C_RGA offers a good overall view when manoeuvring it. The optimised chassis enables the machine to be moved with the smallest turning radius. Operation is LED-guided and intuitive. Data communication between the individual columns takes place wirelessly and interference-free via radio. The lift has a unique design using a lithium-ion battery to ensure its power supply. The daisy chained charging cables also serve as a backup for the data connection and provide a dual-layered network in the event of a malfunction.

STOCK version - available ex stock.

PRODUCT DETAILS/ACCESSORIES

STOCK variant - available from stock

- RAL 7040 -

Description:

- Mobile, wireless column lift with energy supply via powerful rechargeable lithium-ion batteries
- High running smoothness and exact height positioning without overtravel due to high-quality and maintenance-free worm gear motor
- High efficiency and low wear due to smooth-running and low-maintenance recirculating ball nut with more than 100 balls
- Recirculating ball spindle suspended in maintenance-free roller bearing
- Outstanding mechanical rigidity of lifting columns due to tried-and-tested H-profile
- Safety in the event of support nut breakage due to mechanically independent catch wedge
- Adjustable lift carriage with positive locking device of forks; securing by means of folding cotter pin
- Hydraulic dolly for easy manoeuvring even over higher ground thresholds
- Minimal turning radius due to optimised design
- Good overview when manoeuvring due to very slim column
- Modern LoRa® radio modulation - failure- and interference-free
- Automatic "channel hopping" selection of a suitable, free radio channel through the system - one free radio channel 2.4 GHz (W-LAN) required
- Intelligent control technology makes it possible to use an unlimited number of column groups per site
- Operating modes All/Single/Group safely selectable via individual buttons
- Display of operating states and error codes via LED
- High lifting and lowering speed can be selected via separate, additional button - load-dependent
- Automatic switch-off in case of overload

- Workshop robust and splash-proof plastic operating enclosure on each column
- Large silicone control buttons - mechanical and focused on use in workshops
- Excellent protection for cables due to guidance within a high-quality energy chain
- Height measurement via contactless, wear-free inductive proximity switches
- Simple and secure pairing of lifting columns by means of NFC tag
- Unique energy supply by means of lithium-ion battery integrated into the operating enclosure - very long lifespan and short charging time
- Universal lifting carriage with a large adjustment range - also suitable for very large wheel diameters
- Low chassis and high mobility due to integrated lithium-ion battery in the control unit. This enables optimised positioning even on vehicles with low ground clearance
- Chassis with integrated forklift pockets easy movement of columns over longer distances on site
- Two antennas, one each at top and bottom, ensure a reliable radio connection, even for vehicles with large cubic bodies
- Unique and double safety. If the radio connection is interrupted, the batteries charging cable can be used for data transmission to guarantee continuously uninterrupted operation
- High-quality powder coating:
 - window grey, RAL 7040 (columns)
 - anthracite grey, RAL 7016 (lifting carriage)

Scope of delivery:

- 1 mobile single column with 1 lithium-ion battery
- 1 NFC tag for pairing the lifting columns
- 1 hydraulic dolly
- Operating instructions
- Declaration of conformity
- Transport packaging

LIFTING TECHNOLOGY

MOBILE COLUMN LIFT

C_RGA 8.5 UC STOCK
VP 451197



TECHNICAL DATA

| | |
|---|---------------------------|
| Load capacity CE per column | 8500 kg |
| Drive power per column | 1.5 kW |
| Weight per column | 525 kg |
| Width of column profile | 180 mm |
| Width of chassis | 1150 mm |
| Height of chassis | 131 mm |
| Full travel | 1700 mm |
| Lifting height (upper edge of lifting carriage) | 1800 mm |
| Overall height of column | 2474 mm |
| Lifting/Lowering time (load-dependent) | 140 s |
| Lifting/Lowering time High speed (load-dependent) | 81 s |
| Inner distance of support forks min. - max. | 290 - 680 mm |
| Tyre diameter min. - max. | 550 - 1500 mm |
| Length of support forks | 380 mm |
| Voltage for charger | 1 x 100-230 V AC 50/60 Hz |
| Fuse | B 16A RCD (30 mA) |
| Power supply | Lilon 50.4 VDC |
| Lifting cycles under partial load (3500 kg, w/o high speed option) | 30 |
| Lifting cycles under full load (w/o high speed option) | 15 |
| Protection rating | IP 54 |

ACCESSORIES

| | | | |
|-----------|--|------------------------------|---|
| VZ 990515 | NFC tag (1 pce) | VZ 971288 | Support plate APRV II round, adjustable, for support stand AB 6-07/12/20 |
| VZ 990517 | Charging cable 10 m with power plug 230 V, CEE 7/7, type E+F -almost total Europe- (1 pce) | VZ 971289 | Support plate APV II square, for support stand AB 6-07/12/20 |
| VZ 990518 | Charging cable 10 m with power plug 230 V, Switzerland type J (1 pce) | VZ 971290 | Support plate APVV II square, adjustable, for support stand AB 6-07/12/20 |
| VZ 990519 | Charging cable 10 m with power plug 230 V, UK, type G/BS1363 (1 pce) | VZ 971168 | Spindle adjustment SP 75 for support stand AB 6-07/12/20 |
| VZ 990520 | Connecting cable 10 m for charging (Daisy Chain) and backup data connection | VZ 971310 | Transverse beam for support of semi-trailers with 2 kingpin |
| VZ 990521 | Connecting cable 15 m for charging (Daisy Chain) and backup data connection | VZ 971546 | Traverse beam TR8 32 (3-piece), load capacity 8t |
| VZ 990522 | Connecting cable 20 m for charging (Daisy Chain) and backup data connection | VZ 971347 | Traverse beam TR10-32 (3-piece), load capacity 10t |
| VZ 971164 | Support stand AB 6-07, load capacity 7500 kg adjustment range 470-795 mm | VZ 971341 | Traverse and adapter set Tractor mount for front and rear lifting |
| VZ 971165 | Support stand AB 6-12, load capacity 7500 kg, adjustment range 875-1395 mm, mobile | SUPPLEMENTARY CHARGES | |
| VZ 971166 | Support stand AB 6-20, load capacity 7500 kg, adjustment range 1200-1965 mm, mobile | VT 998213 | Transport factory traffic -Germany SOUTH-C_RGA 1 column |
| VZ 971287 | Support plate APR II round, pluggable, for support stand AB 6-07/12/20 | VT 998214 | Transport factory traffic -Germany NORTH-C_RGA 1 column |