

# LIFTING TECHNOLOGY

## MOBILE COLUMN LIFT

**MCL 22**  
VP 451086



### MCL 22

#### VP 451086

The low-maintenance, electro-mechanical drive system of the MCL 22 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 or wireless connection, the power supply via mains power or batteries. Thanks to the lift's overall streamline design, it is ideal for sites with restricted space.

#### PRODUCT DETAILS/ACCESSORIES

- Very smooth running due to electro-mechanical drive system
- Excellent lifting column mechanical rigidity guarantees safety and function under any conditions
- Low-wear lock nut
- Precision-height positioning without overrun thanks to high-quality worm gear motor
- Lifting carriages with fixed holder
- 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
- Microprocessor control and wireless monitoring of movement synchronisation and all safety functions
- 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)
- 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

#### Scope of delivery:

- 4 individual mobile columns
- 1 mechanical dolly, repositionable

#### TECHNICAL DATA

Load capacity CE per column	5500 kg
Drive power per column	2.2 kW
Weight per column	400 kg
Lifting distance	1750 mm
Raising/lowering time	150 s
Tyre diameter min. - max.	850 - 1250 mm
Supply voltage	3/N/PE 400 V 50 Hz
Protection rating	IP 54

#### ACCESSORIES

VZ 971179	Removable Mechanical Dolly, MODEL: MFR-2	VZ 971286	Cable Remote Control KFB2 for Mobile Column Lift
VZ 971181	Hydraulic Pallet-Type Fixed Dolly, screwed onto post MODEL: MFP	VZ 971164	Support stand AB 6-07, load capacity 7500 kg adjustment range 470-795 mm
VZ 971305	Insertion Paws EP 5 Wheel for Small Tires (2 pcs.)		

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VZ 971165	Support stand AB 6-12, load capacity 7500 kg, adjustment range 875-1395 mm, mobile
VZ 971166	Support stand AB 6-20, load capacity 7500 kg, adjustment range 1200-1965 mm, mobile
VZ 971287	Support plate APR II round, pluggable, for support stand AB 6-07/12/20
VZ 971288	Support plate APRV II round, adjustable, for support stand AB 6-07/12/20
VZ 971289	Support plate APV II square, for support stand AB 6-07/12/20
VZ 971290	Support plate APVV II square, adjustable, for support stand AB 6-07/12/20
VZ 971168	Spindle adjustment SP 75 for support stand AB 6-07/12/20

VZ 971310	Transverse beam for support of semi-trailers with 2 kingpin
VZ 971546	Traverse beam TR8 32 (3-piece), load capacity 8t
VZ 971347	Transverse beam TR10-32 (3-piece), load capacity 10t
VP 451103	Single MCL Post (MAHA) -SUBSEQUENT DELIVERY Lifting capacity 5500 kg

#### **SUPPLEMENTARY CHARGES**

VT 998201	Internal transport -SOUTHMobile column lift 2-4 columns
VT 998202	Internal transport -NORTHMobile column lift 2-4 columns
VM 996077	Installation costs for mobile column lifts