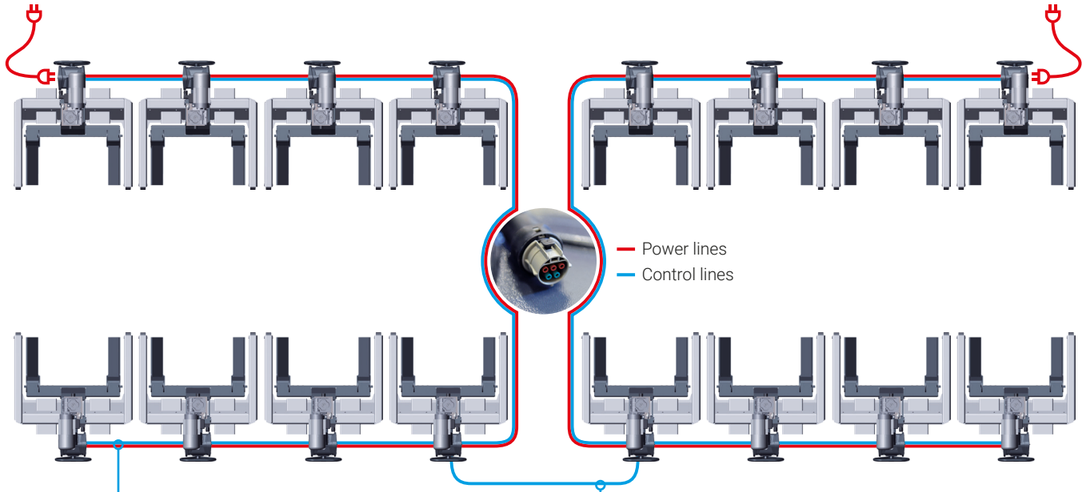
DAISY CHAIN

CABLE CONNECTION AS BACKUP



Unique double security. If the radio connection is interrupted, the charging cable can be used for data transmission to guarantee constant operation.

Two groups of eight columns each can be connected by means of an optional connection cable. This means that expansion to as many as 16 columns is possible.*

* Hardware requirements available, software on request.

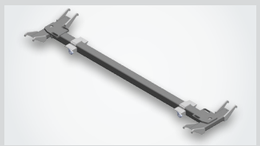
OPTIONS
(SELECTION)

Stand AB 85-08 / 8500 kg
Adjustment range 575–800 mm

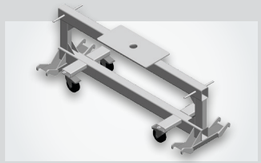
Stand AB 85-14 / 8500 kg
Adjustment range 875–1400 mm

Stand AB AB 85-20 / 8500 kg
Adjustment range 1250–2000 mm

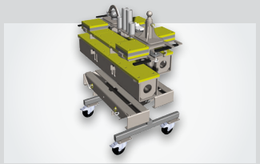
Single column expandable



Cross-beam TR8/10/8000/10000 kg
for wheel-free lifting



Cross-beam 15000 kg for semi-trailers with 2" king pins



Support Beam System for tractors, trailers and special-purpose vehicle

MAHA SE & Co. KG
Hoyen 20
87490 Haldenwang
Germany

maha.de

BR492501-en 02 . Subject to technical changes without notice.
The illustrations include options not part of the standard scope of delivery.

MOBILE COLUMN LIFT

»ALWAYS CONNECTED«

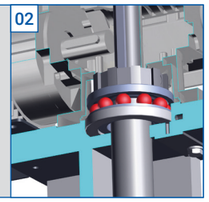
C_RGA: WIRELESS & SAFE

» ALWAYS CONNECTED «

ELECTROMECHANICAL DRIVE
RELIABLE AND COMPLETELY OIL-FREE

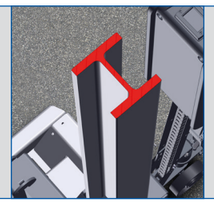
Very smooth running and precision height positioning without overrun thanks to a high quality, maintenance-free worm gear motor.

High efficiency and low wear due to smooth-running and low-maintenance recirculating ball nut with over 100 balls.

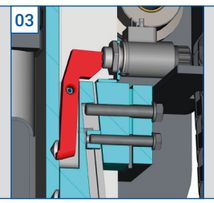


Ball screw mounted suspended in maintenance-free roller bearing.

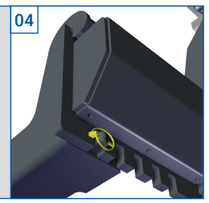
SOPHISTICATED TECHNOLOGY
FOR HIGH MECHANICAL SAFETY



Excellent mechanical rigidity of columns thanks to a tried and trusted H-profile.



Safety in the event of load nut breakage thanks to mechanically independent locking device.

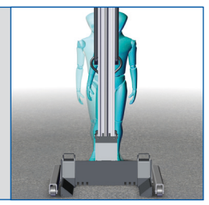


Adjustable lifting carriage with positive-locking of forks and securing by means of cotter pin.

PRACTICAL
AND CONVENIENT HANDLING

Hydraulic dolly with a ground clearance of up to 85 mm, for easy manoeuvring even over higher ground thresholds.

Minimal turning radius of 1,2 m owing to optimised design.



Highly streamlined column design – width only 180 mm – offers a good overview for manual manoeuvring.

Height measurement via touchless, non-wearing inductive proximity switches.

Automatic shutdown in case of overload.

Space-saving lithium-ion battery integrated into the control unit, featuring a Battery Management System (BMS) for enhanced safety, short charging times and a long service life. At higher loads, energy is recovered through regenerative braking during the lowering process.

Workshop-robust and spray-proof plastic control panel on every column.

Large silicone control buttons – mechanical and workshop-oriented.

Excellent protection for cables through guidance within a high quality energy chain.

Universal lifting carriage with large adjustment range – also suitable for very large wheel diameters of up to 1.5 m.

Low chassis (131.5 mm) and high mobility due to integrated lithium-ion battery in the control unit, no batteries placed on the chassis. This enables optimised positioning on vehicles with low ground clearance, especially buses.

Simple and secure pairing of columns via NFC tag (patent pending).

SECURE DATA COMMUNICATIONS
WIRELESS AND INTERFERENCE-FREE

Modern LoRa® radio modulation: unimpeded and interference-free.

Automatic ‘Channel Hopping’ selection of a suitable free radio channel by the system.

Intelligent control technology to facilitate an unlimited number of column groups at one site.

INTUITIVE OPERATION
LED-GUIDED

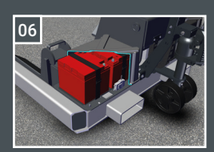
‘**A**ll/**S**ingle/**G**roup’ operating modes securely selected via individual buttons.

LED display of operating states and error codes.

Depending on the load, high lifting and lowering speeds can be selected via separate, additional button.

ADDITIONAL PRODUCT ADVANTAGES

Chassis with integrated forklift pockets for easy movement of columns over longer distances on site.



Optional power supply via four cycle-proof AGM batteries, protected with sturdy covers.

Two antennas (top and bottom) ensure a reliable radio connection, even for vehicles with large cubic bodies.