



## MA STAR triple safety

VP 451186 / VP 451187

Two Post Lift with 5500 kg load capacity

### DESCRIPTION

- 5500 kg load capacity
- Triple safety
- Proven spindle-nut system with self-locking thread and 5 years warranty <sup>1)</sup>
- Symmetrical columns
- Support arms with 100° swivel range
- Variable installation width
- Paint coating RAL 7040 window grey (columns), RAL 7016 anthracite grey (support arms)

<sup>1)</sup> Please note the detailed warranty terms included in the operating instructions.

### STANDARD DELIVERY

- 2 symmetrical columns with control panel
- 4 symmetrical support arms, double telescopic
- 4 support discs
- Cable bridge
- Spindle oil (0.5 l)
- Operating instructions
- Transport packaging

### ACCESSORIES

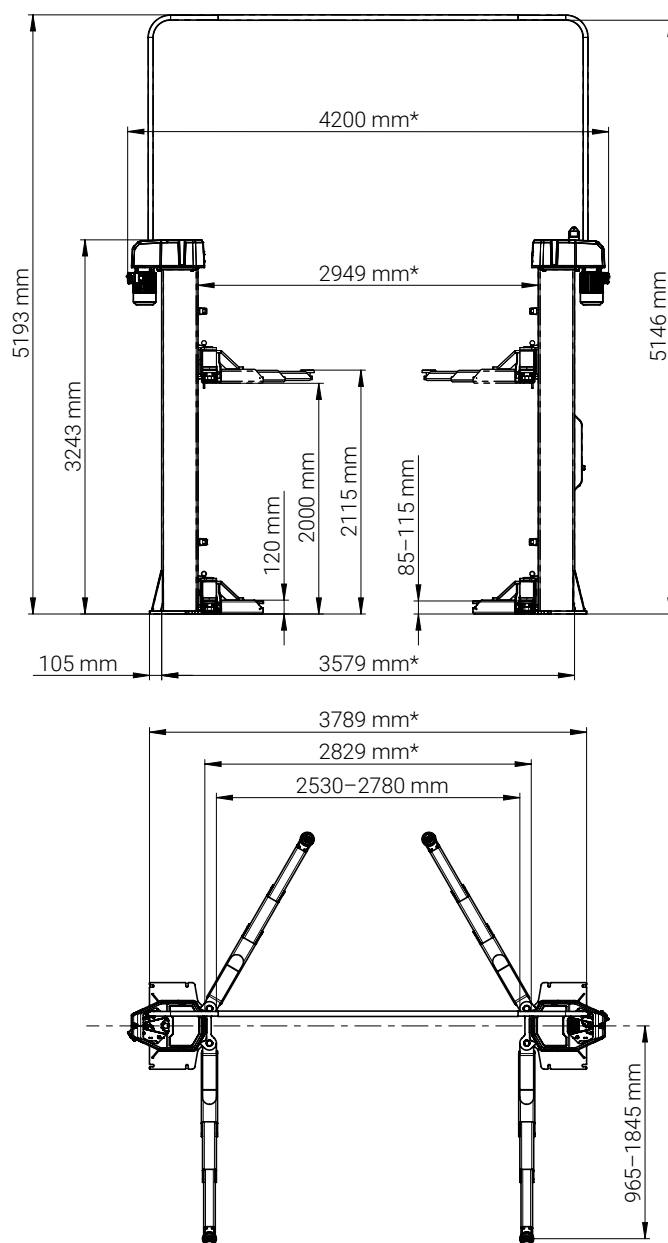
VZ 990488	Energy set: 1x compressed air, 2x 230 V
VZ 990500	Energy set: 1x safety compressed air, 2x 230 V
VZ 971612	Additional control panel at opposite column
VZ 990489	Energy set at opposite column: 1x compressed air, 2x 230 V
VZ 990501	Energy set at opposite column: 1x safety compressed air, 2x 230 V
VZ 990504	Energy set at opposite column: 1x safety compressed air, 1x 230 V; only with VZ 990505 Beeper
VZ 990505	Beeper "CE Stop", volume adjustable
VZ 971591	Holder for impact wrench
VZ 971592	Document holder
VZ 971593	Tray for support extender (1 pcs), at column
VZ 971224	Tray for support extender (2 pcs), at wall
VZ 990493	LED illumination, plug-in
VZ 971104	Light barrier to prevent contact with ceiling
VZ 971539	MAHA tool tray, magnetic (2 pcs)
VZ 971460	Extension aid support running on roller bearings
VZ 971220	Support disc extender 50 mm (2 pcs)
VZ 971221	Support disc extender 100 mm (2 pcs)
VZ 971222	Support disc extender 150 mm (2 pcs)
VZ 971223	Support disc extender 200 mm (2 pcs)
VZ 971573	Support disc extender 300 mm (2 pcs)
VZ 975050	Non-skid device for vehicles with longitudinal frame
VZ 971111	Lashing straps as tilt protection for gearbox removal (2 pcs)
VZ 971226	Prism support MB Sprinter/VW Crafter (2 pcs)
VZ 975601	Support arbor MB Sprinter/VW Crafter (2 pcs)
VZ 971461	Wheel support fork, load capacity 1000 kg each (4 pcs)
VZ 971610	Drilling template MA STAR 5.5
VZ 971611	CEE coupler 32 A for on-site cable connection

## ACCESSORIES

VZ 990490	Connection socket for in-ground wiring
VM 996232	Installation costs Energy set
VM 996233	Installation costs Additional control panel at opposite column
VM 995040	Installation costs Two post lift, electromech.
VM 996072	Installation costs Light barrier for ceiling
VM 999080	Installation material Injection system (MA STAR 3.5 S/5.5)
VM 999081	Injection mortar cartridge 500 ml (1 pce)

## TECHNICAL DATA

Load capacity CE	5500 kg
Swivel range of support arms	100°
Raising time (load-dependent) approx.	40 s
Lowering time (load-dependent) approx.	40 s
Drive power	2x 4.0 kW
Power supply	3/N/PE 400 V 60 Hz
Fuse	C32 A
Net weight without packaging	1320 kg
Shipping dimensions (L x W x H) (2 pcs)	3185 x 800 x 1000 mm
Required concrete quality	C 20/25
Required minimum concrete slab thickness without screed	180 mm



\*Dimensions refer to drive-through width of 2630 mm



# MA STAR triple safety ★★★★★

This 5-star lift lives up to its name!

- ★ A sturdy and solid design
- ★ Safe usability
- ★ Simple maintenance and service
- ★ Simple installation
- ★ Intuitive operation



made by MAHA

made  
in  
Germany





## ★ A STURDY AND SOLID DESIGN (ORIGAMI TECHNOLOGY)



01  
Maximum precision thanks to industrially rolled H-profile columns (origami technology, weld-free!) – patent pending.

02  
Optimum load distribution thanks to almost wear-free sliding blocks rail-guided in the H-profile (8 pieces per column with 24 contact surfaces).

03  
Highly stable and torsion-free column design thanks to additionally welded column collar.

## ★ SAFE USABILITY (TRIPLE SAFETY)

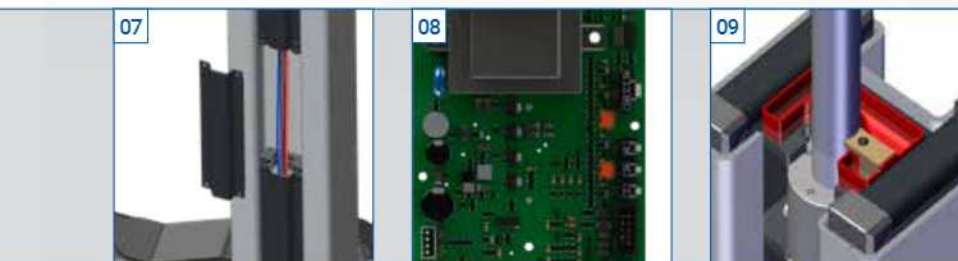


04  
Tried-and-tested spindle-nut package with self-locking thread and 5-year commercial warranty\*.

05  
Unique patented "Giraffe" nut breakage detection.

06  
Triple safety thanks to motor brake. Overrun no longer possible.

## ★ SIMPLE MAINTENANCE AND SERVICE (QUICK & EASY)

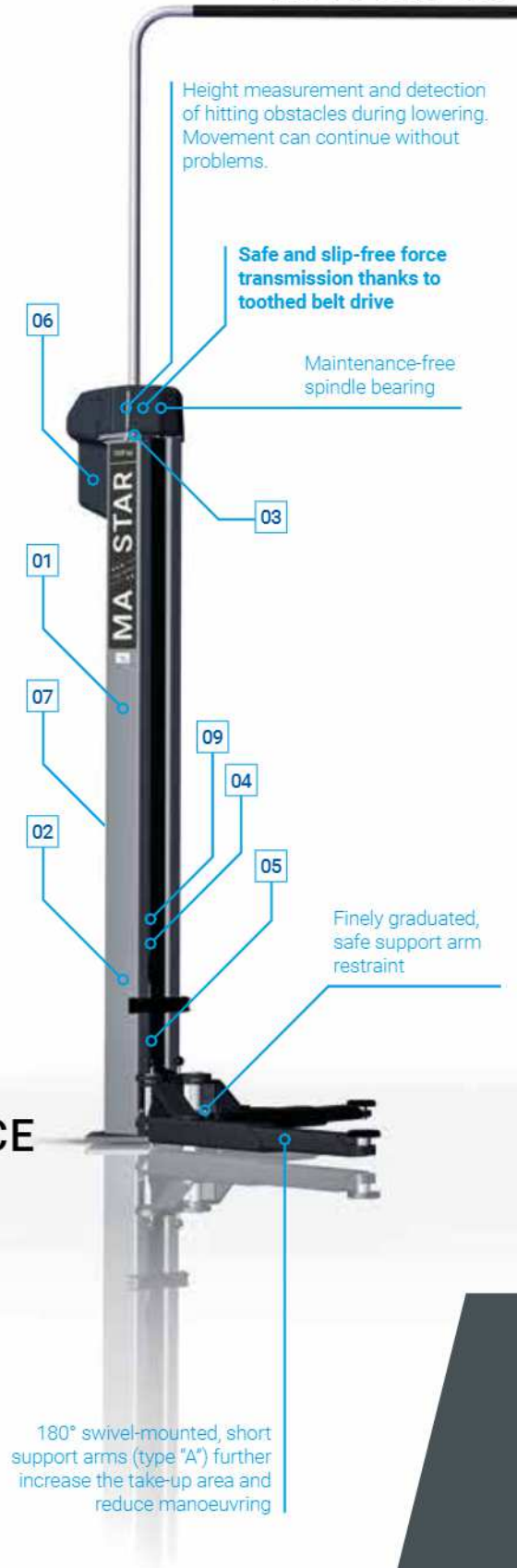


07  
Highly service-friendly thanks to easy-to-access cable duct in H-profile on the outside.

08  
Simple visual error diagnostics thanks to LEDs mounted on the circuit board.

09  
Straightforward lubrication of the spindle as container filled with oil.

## MA STAR 3.5



# MA STAR 5.5

## ★ SIMPLE INSTALLATION (PLUG & PLAY)

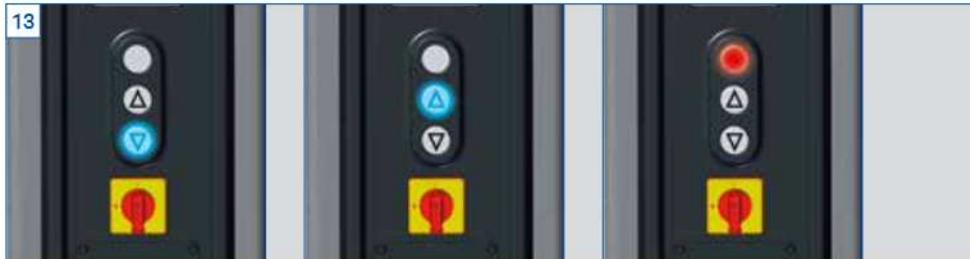


MA STAR = plug & play. All power cables pluggable incl. automatic rotating field detection (no specialist electrician needed).

The patented folding cable bridge simplifies installation and significantly reduces set-up time. No work platform needed.

All sensors and options (second control unit, photoelectric ceiling barrier) with electric supply can be plugged into circuit board (plug 'n' play).

## ★ INTUITIVE OPERATION (LED-BASED)



Upper end position or photoelectric ceiling barrier reached. Only lowering is possible. Lower button lights up blue.

Lower end position reached or an obstacle has been hit. Only lifting is possible. Raise button lights up blue.

Sensor malfunction. Signal light flashes red.

Effective door stop thanks to spring-loaded rubber mouldings

Extremely stable support arms with patented extension stop

Space-saving, 20 mm-thick (MA STAR 3.5) or 25 mm-thick (MA STAR 5.5) base plate for good stability.

**for cars and vans up to 3.5/5.5 t total weight**



## FURTHER ADVANTAGES (NO HYDRAULIC OIL, NO LEAKAGE)



Large door opening for easy exit from the vehicle thanks to 45° rotated columns (MA STAR 3.5 A).



Maximum safety thanks to arched support-arm restraint with operation across the entire length with small ratchet graduation.



Support arms pivot directly above the floor, which enables a very low minimum pad height.



Can hold vehicles from mini-cars to vans (e.g. SMART fortwo and VW T6 long 3.5 t resp. up to MB Sprinter and VW Crafter long wheelbase 5.5 t).



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



# OPTIONS



Second control unit on opposite column means less walking around the lift.



Energy set for control unit:  
2 x 230 V power socket  
1 compressed-air coupling



Sheet metal tray for support disc extensions.



Impact wrench holder with integrated tray for support disc extensions.



Document holder for practical storage of instruction manuals, work orders, etc.



Magnetic wheel nut trays.



Special supports and slip-proofing – flexible and secure.



Support disc extensions in five different lengths: 50/100/150/200/300 mm (300 mm only for MA STAR 5.5)



Drilling template for straightforward set-up.



Installation anchors incl. cartridge (one anchor length for all floors).



LED illumination.



Set-up device for columns (MA STAR 3.5 A/S).



Protection stop for vehicles with low doors (MA STAR 3.5 A/S).



Wheel support forks for special and electric vehicles (MA STAR 5.5).



Sports car support arms with 80 mm minimum pad height (MA STAR 3.5 A Comfort).

BR304501-en 02 - Subject to technical changes without notice. The illustrations include options not part of the standard scope of delivery.

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