



MAHA Two Post Lifts

Model: ECON III 3.0 • ECON III 3.5 • ECON III 4.0
ECON III 5.0 • HL CS 4.0



Lifting Technology



For passenger cars and commercial vehicles up to 5.0 t gross weight

Premium Workshop
Equipment

ECON III

Wear-resistant, maintenance-free proximity switch for non-contact height measurement



Permanent self-monitoring of all safety functions:

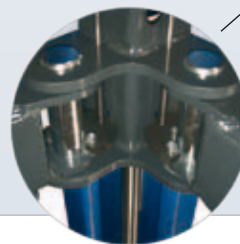
Long life by HWR system



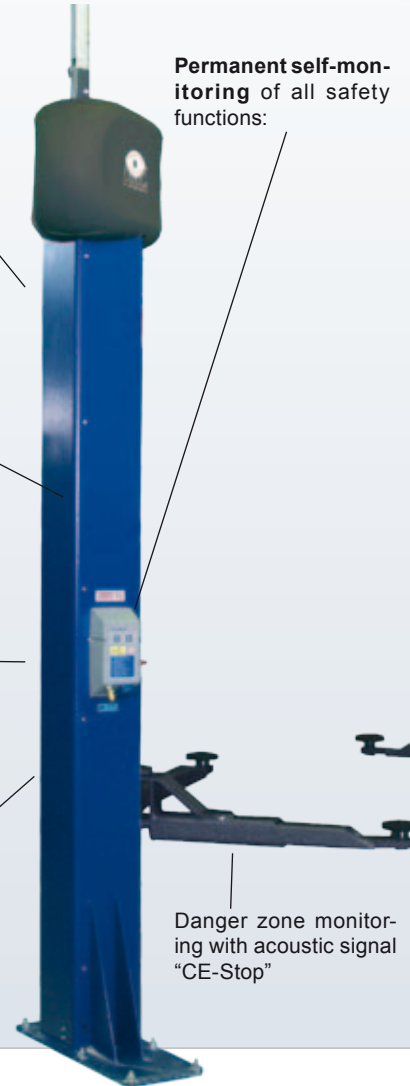
High stability by optimised carriage and column profile



High safety level by positive engagement of toothed arm restraints



Danger zone monitoring with acoustic signal "CE-Stop"



Application



Ergonomic foil keypad.



Asymmetrical lifting carriage and support arms for ample door clearance.



Suitable for mini cars...

Technology

Maintenance-free swivel bearing with lifetime lubrication for upper lifting screw support

Low-maintenance lubrication system ensures optimum supply to load and safety nut and allows large maintenance intervals

Smooth operation by concavo-convex load and safety nut assembly

180° swivel range of short support arms allows easy positioning of adapters at vehicle lift points

Support arm swivel **directly over the floor** not the base plate

- Base plate thickness not added to the support arm clearance
- Low clearance height
- Optional „Sports car support arm“ total clearance 75 mm (3 t) possible

Stress-free support of lifting screw by articulated friction bearing

Additional control unit (option)

- Synchronization
- Phase failure
- Belt failure
- Load nut failure
- Motor overload
- Electronic shutdown at limit stop and if obstruction detected



...and vans with long wheelbase (ECON III 4.0 t/ ECON III 5.0 t).



Easy access by generous lifting height.



High flexibility and safety with MAHA support plate plug-on system.

3.0 t / 3.5 t

Two Post Lift

Model: ECON III 3.0 / ECON III 3.5

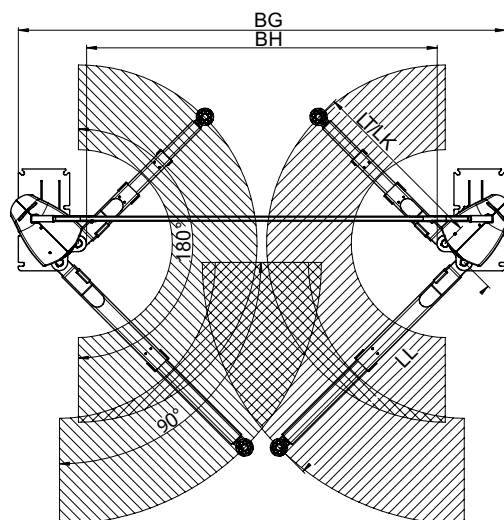
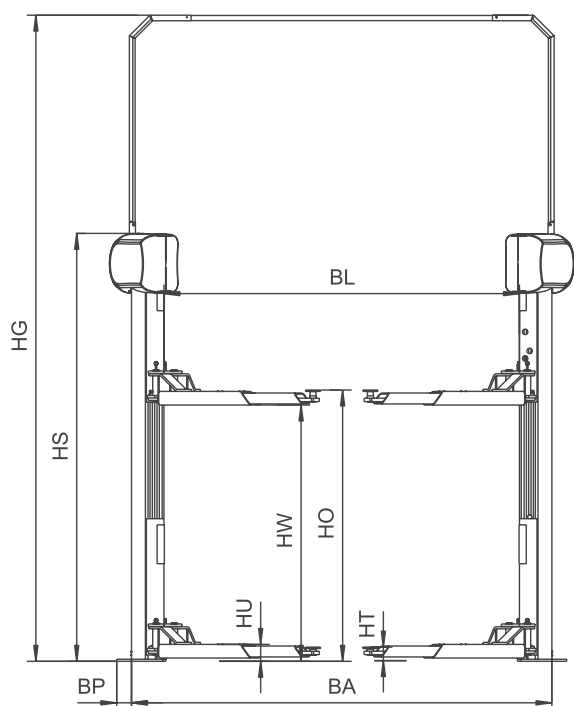
for passenger cars and commercial vehicles up to 3.5 t gross weight



Technical Advantages

- ▶ Permanent self-monitoring of all safety functions
- ▶ Short raising and lowering time
- ▶ High stability by optimised carriage and column profile
- ▶ Proven MAHA plug-in system is part of standard delivery
- ▶ Wear-resistant, maintenance-free proximity switch for non-contact height measurement
- ▶ Maintenance-free swivel bearing with lifetime lubrication for upper lifting screw support
- ▶ Tension-free lifting screw mounting by articulated friction bearings
- ▶ High safety level by form lock of all arm restraint teeth
- ▶ Short support arms with 180° swivel range
- ▶ 5-year warranty on lifting screw and nut by HWR system
- ▶ Sports Car Support Arms (option ECON III 3.0)

„The best selling lift“



Technical Data	ECON III 3.0	ECON III 3.5
Load capacity CE	3000 kg	3500 kg
Lifting height max. HO	2000 mm	2000 mm
Full travel HW	1880 mm	1880 mm
Raising/Lowering time ca.	40 s / 40 s	40 s / 40 s
Bottom clearance HU	95 mm	110 mm
Height of support plates HT	90 - 125 mm	90 - 125 mm
Reach of short support arm LK	555 - 850 mm	-
Reach of short support arm, double telescopic	600 - 1160 mm	660 - 1260 mm
Reach of short support arm, double telescopic, with parallelogram adapter	758 - 1180 mm	758 - 1180 mm
Reach of long support arm LL	945 - 1505 mm	930 - 1505 mm
Overall width BG	3280 mm	3380 mm
Outside columns BA	3060 mm	3160 mm
Inside columns BL	2600 mm	2700 mm
Drive-through clearance BH	2325 mm	2425 mm
Column height HS	2890 mm	2890 mm
Overall height HG	4490 mm	4490 mm
Net weight	620 kg	620 kg
Drive power	2 x 3,0 kW	2 x 3,0 kW
Power supply	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Fuse protection	16 A slow	16 A slow

4.0 t

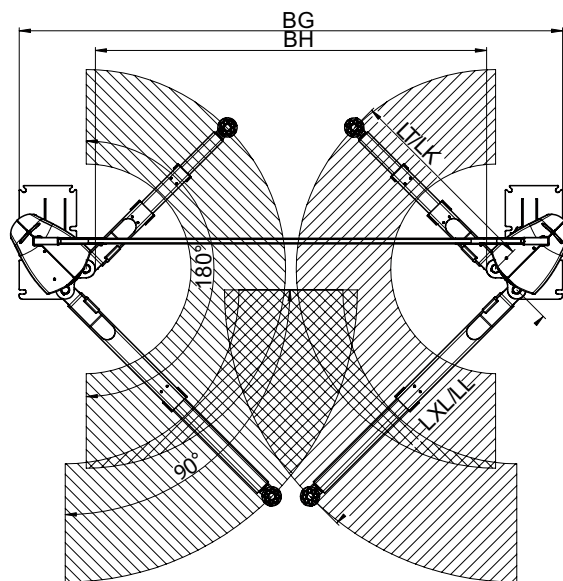
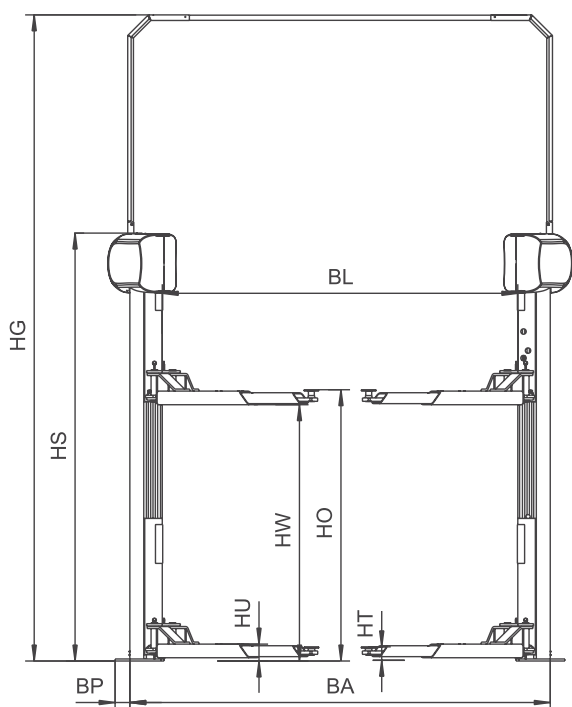
Two Post Lift
Model: ECON III 4.0
 for passenger cars and commercial vehicles up to 4.0 t gross weight



Technical Advantages

- ▶ Permanent self-monitoring of all safety functions
- ▶ Short raising and lowering time
- ▶ Universal support arms with large extension length, for mini cars and for vans with long wheelbase
- ▶ Proven MAHA plug-in system is part of standard delivery
- ▶ High stability by optimised carriage and column profile
- ▶ Wear-resistant, maintenance-free proximity switch for non-contact height measurement
- ▶ Maintenance-free swivel bearing with lifetime lubrication for upper lifting screw support
- ▶ Tension-free lifting screw mounting by articulated friction bearings
- ▶ High safety level by form lock of all arm restraint teeth
- ▶ Short support arms with 180° swivel range
- ▶ 5-year warranty on lifting screw and nut by HWR system

„The universal lift“



Technical Data	ECON III 4.0
Load capacity CE	4000 kg
Lifting height max. HO	2000 mm
Full travel HW	1880 mm
Raising/Lowering time ca.	40 s / 40 s
Bottom clearance HU	115 mm
Height of support plates HT	90 - 125 mm
Reach of short support arm, double telescopic LT	660 - 1260 mm
Reach of long support arm, extra long LXL	1095 - 1840 mm
Overall width BG	3420 mm
Outside columns BA	3205 mm
Inside columns BL	2730 mm
Drive-through clearance BH	2465 mm
Column height HS	3140 mm
Overall height HG	4740 mm
Net weight	750 kg
Drive power	2 x 3,0 kW
Power supply	3 x 400 V / 50 Hz
Fuse protection	16 A slow

5.0 t

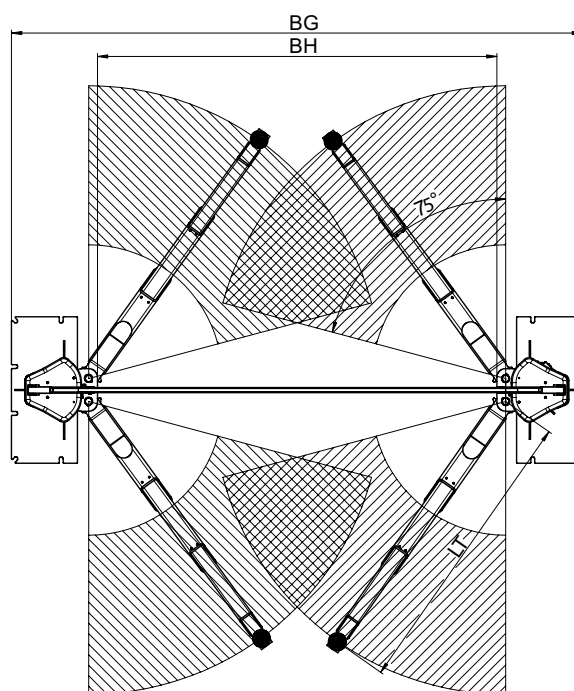
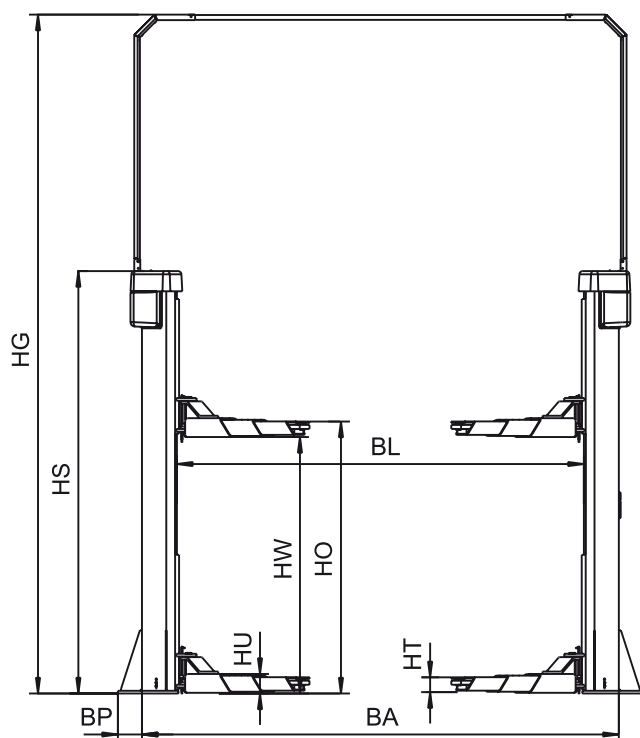
Two Post Lift
Model: ECON III 5.0
 for passenger cars and vans up to 5.0 t gross weight



Technical Advantages

- ▶ Permanent self-monitoring of all safety functions
- ▶ Comes standard with 4 double telescopic support arms with large extension range, for mini cars and for vans with long wheelbase
- ▶ Rugged support arms with low bottom clearance
- ▶ Proven MAHA plug-in system is part of standard delivery
- ▶ Support arm extension support (Optional)
- ▶ High stability by optimised carriage and column profile
- ▶ Wear-resistant, maintenance-free proximity switch for non-contact height measurement
- ▶ Maintenance-free swivel bearing with lifetime lubrication for upper lifting screw support
- ▶ Tension-free lifting screw mounting by articulated friction bearings
- ▶ High safety level by form lock of all arm restraint teeth
- ▶ 5-year warranty on lifting screw and nut by HWR system
- ▶ Wheel-Engaging Support Forks (option)

„The Power House“



Technical Data	ECON III 5.0
Load capacity CE	5000 kg
Lifting height max. HO	2020 mm
Full travel HW	1880 mm
Raising/Lowering time ca.	70 s / 70 s
Bottom clearance HU	140 mm
Height of support plates HT	110 - 140 mm
Reach of support arm, double telescopic LT	914 - 2000 mm
Overall width BG	3900 mm
Outside columns BA	3543 mm
Inside columns BL	3023 mm
Drive-through clearance BH	2730 mm
Column height HS	3138 mm
Overall height HG	5043 mm
Net weight	995 kg
Drive power	2 x 3,0 kW
Power supply	3 x 400 V / 50 Hz
Fuse protection	16 A slow

4,0 t

Two Post Lifts

Model: HL CS 4.0

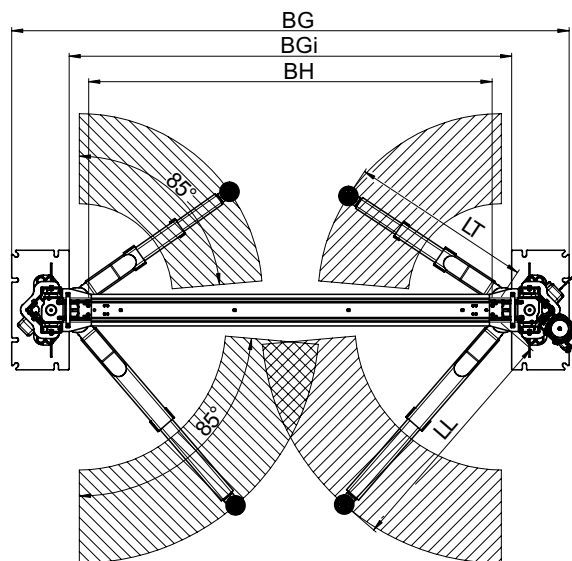
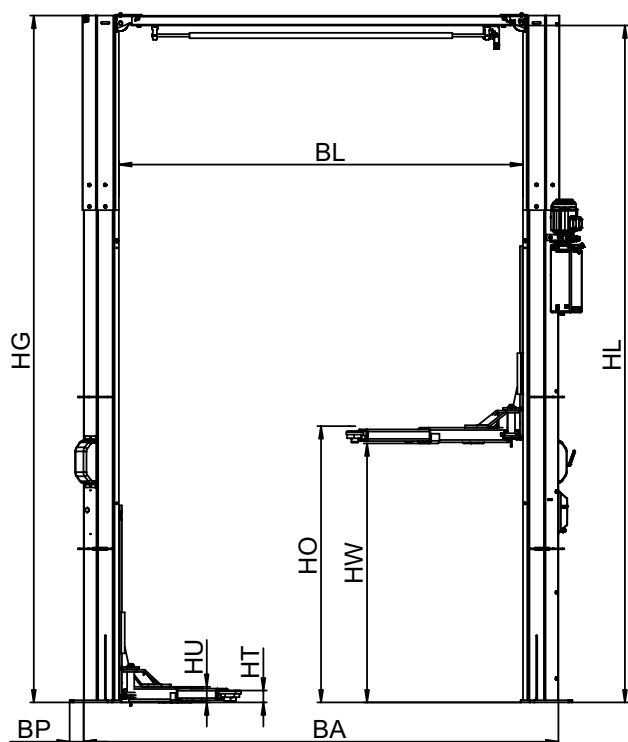
Electro-hydraulic, for cars and vans up to 4.0 t gross weight



Technical Advantages

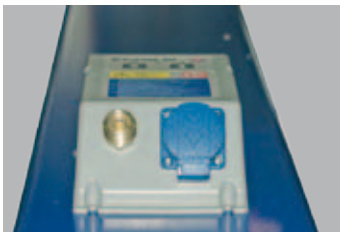
- ▶ Post design free of base framework to avoid tripping edges on the floor
- ▶ Electrical safety device to avoid contact with crossbar
- ▶ Reliable and powerful drive at the same time with low energy consumption
- ▶ Low-maintenance
- ▶ Various total heights available
- ▶ Support arms to pick up vehicles from small cars up to vans
- ▶ Automatic support arm locking with fine graduation and manual unlocking
- ▶ Short support arms double extendable/telescopic
- ▶ Asymmetrical support arms for optimum opening of car doors
- ▶ Optional van support arms- 2 arms
- ▶ Low-profile support arms
- ▶ Mechanical safety catch with manual unlocking device
- ▶ Storage possibilities for support enhancements and special supports integrated at both columns
- ▶ Hydraulic unit upper mounted on operating column space-saving and noisereducing

„The economical lift“



Technical Data	HL CS 4.0	HL CS 4.0 L	HL CS 4.0 H
Load capacity CE	4000 kg	4000 kg	4000 kg
Lifting height max. HO	1930 mm	1930 mm	1930 mm
Lifting/lowering time load dependent ca.	35/35 s	35/35 s	35/35 s
Bottom clearance HU	110 mm	110 mm	100 mm
Height of support plates HT	90 – 125 mm	90 – 125 mm	90 – 125 mm
Reach of short support arm LK	585 – 1150 mm	585 – 1150 mm	585 – 1150 mm
Reach of long support arm LL	920 – 1505 mm	920 – 1505 mm	920 – 1505 mm
Extension range van support arm LLT	1100 – 1840 mm	1100 – 1840 mm	1100 – 1840 mm
Overall height HG	4178 mm	3625 mm	4778 mm
Clearance up to cross bar HL	4018 mm	3465 mm	4618 mm
Overall width BG	3486 mm	3486 mm	3486 mm
Inside columns BA	2800 mm	2800 mm	2800 mm
Drive-through clearance BH	2450 mm	2450 mm	2450 mm
Net weight	700 kg	700 kg	700 kg
Drive power	2,2 kW	2,2 kW	2,2 kW
Power supply	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Fuse protection	16 A slow	16 A slow	16 A slow
Overall height	15 l	15 l	15 l
Packing dimensions (L x W x H)	3950 x 800 x 770 mm	3950 x 800 x 770 mm	3950 x 800 x 770 mm

Accessories / Options



Control unit on second column incl. power supply set for ECON II



Extenders 50 / 100 / 150 / 200 mm incl. tray



Vehicle special adapters:
MB GW 460/463, lifting arbor MB Sprinter, special-prism MB Sprinter / VW Crafter, plug-in system, Slip-security



Parallelogram adapter for ECON III 3.0 / 3.5



Wheel nut tray mounted to column



High flexibility and safety with MAHA support plate plug-in system (standard delivery)



Holder for impact wrench



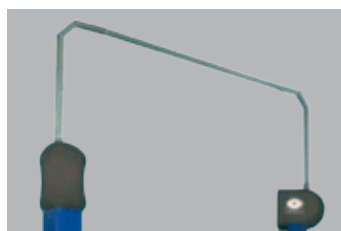
Support arm extensions running on roller bearings ECON III 5.0



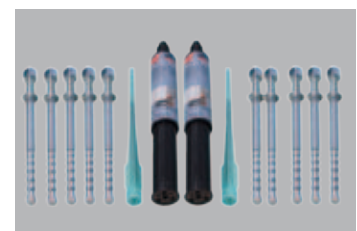
Power supply block incl. sockets and compressed-air connections ECON III



Support arms, telescopic and double telescopic ECON III 3.0 (option)



Overhead cable guide, standard with ECON III



Installation material / Injektron anchor system

GLOBAL PLAYER

... in more than 130 countries worldwide



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