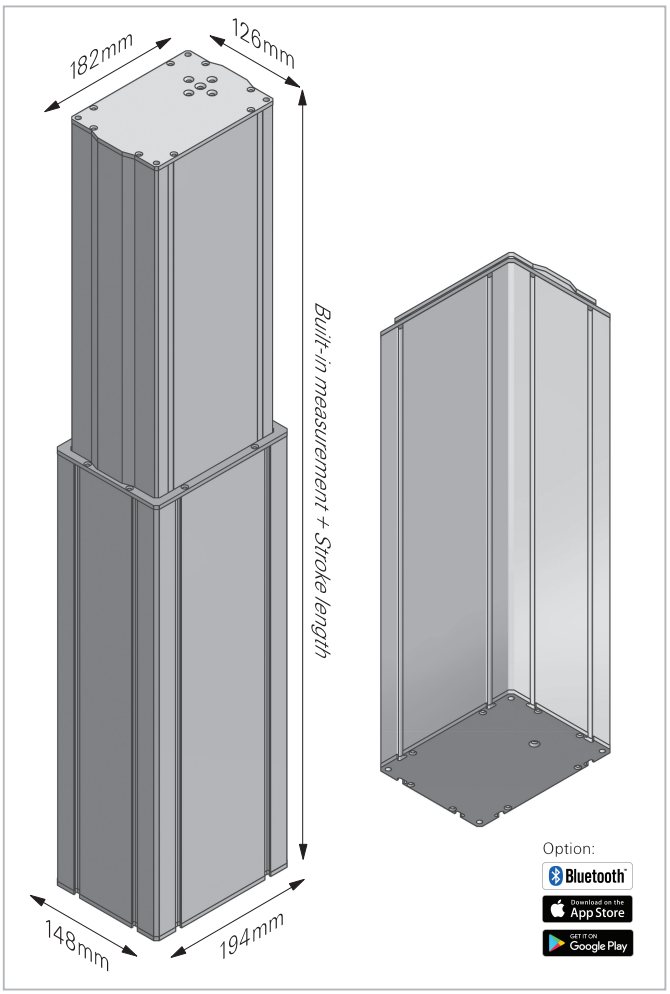
Heavy-duty Aluminium Lifting Column MAC14e

2500N





Heavy-duty Aluminium Lifting Column

Very strong and stable lifting column for industrial use.

MAC14e - developed to lift/move heavy loads (2500 N per lifting column). Speed without load 15 mm/sek. Designed to meet the requirements of aesthetics and quality in industrial workplaces. In the development, very high stability and a reasonable price level were emphasized. The static bending moments are 800 Nm/1200 Nm. MAC14e is a Low-Noise lifting column and very usable in many industrial applications.
Plug & Play: Movetec delivers MAC14e as a complete Plug & Play solution, including one, two or more MAC14e lifting columns, a Movetec control box 230VAC (or battery pack), all cables and a control panel. By Selecting a control box with Bluetooth®, MAC14e are easily controlled by iPhone® or Android®-Smartphone or a small remote control.

Material specifications:

Outer profile: Anodized Aluminium
Inner profile: Anodized Aluminium
Friction sliders: POM Derivate
Top plate: Steel
Bottom plate: Steel
Lifting system drive parts: Aluminium, Steel, ABS, POM, PP

Technical data:

Max. load: 2500 N
Max. speed without load: 15 mm/sek at 2500 N
Stroke length: 450 mm
Bending moments: Dynamic 400/600 Nm, static 800/1200 Nm
Installation length/Built-in measurement: 595 mm
Operation temperature: +5˚C - +45˚C
Power supply/Voltage: 12/24V DC
Cable out: Cable out in the inner profile
Intermittens: 10%
Double Hall-sensors: Yes
Top plate size: 182 mm x 126 mm
Bottom plate size: 194 mm x 148 mm
Outer profile size: 194 mm x 148 mm
Inner profile size: 182 mm x 126 mm
Mounting track: Width top 8,1 mm/inside 8,1-12 mm/depth 5 mm
Control box: More options, see www.movetec.dk
Synchronized drive: Max.32x/16x(12x) lifting columns in synchronized drive
Control panel: More options, see www.movetec.dk
Options: Bluetooth® controlling for iPhone®- and Android® Smartphones. Potentiometer. 12V DC. Top- and bottom mounting plates. Cable out in the outer profile (see MAC14Ue). Control box with Lithium-Ion battery pack. 100% brake. Small remote control.

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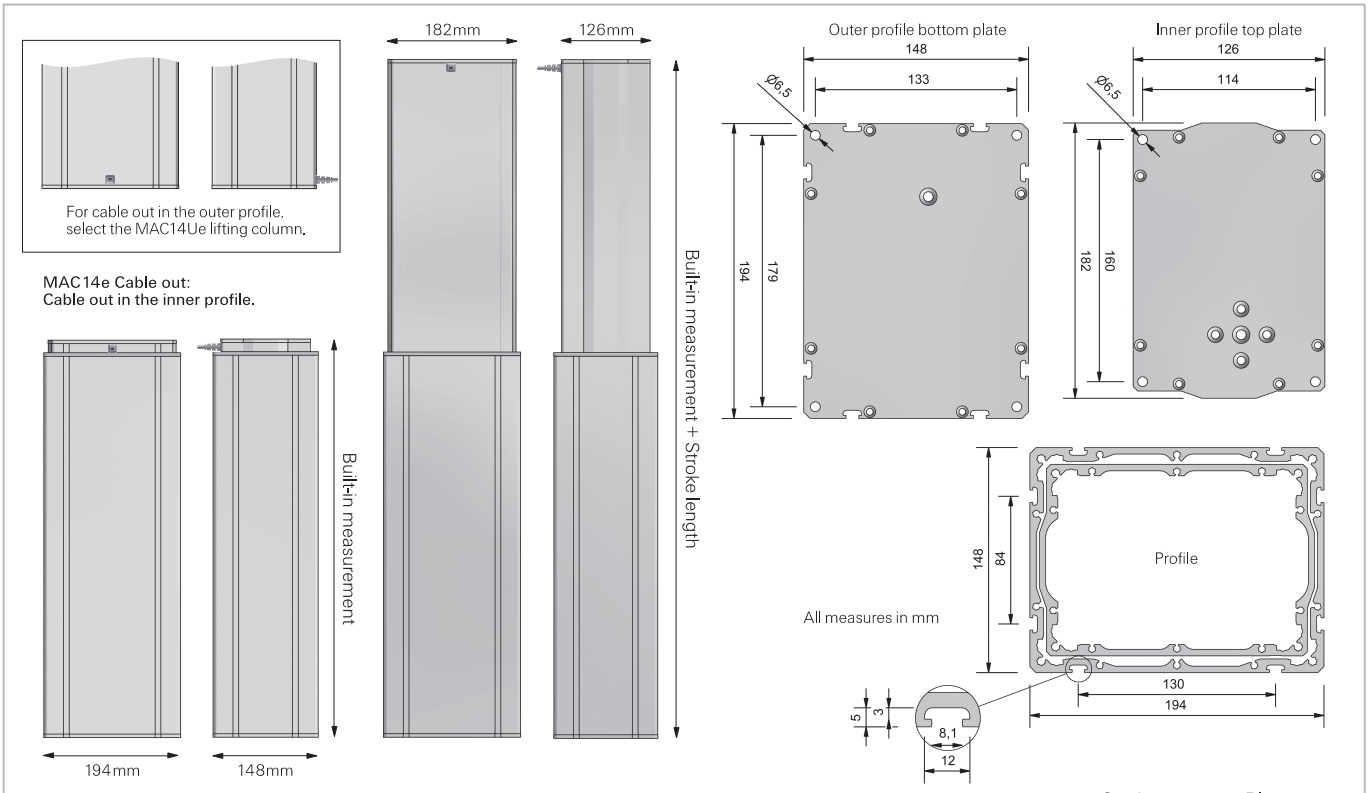

Control boxes and control panels:

MAC14e can be used with all Movetec control boxes and Movetec control panels. Some control boxes can also be programmed for customer-specific functions - please contact us with your wishes, we are looking forward to your call: +45 64 89 28 05. Movetec also offers Tailor-made Plug & Play lifting column solutions.

CAD-drawings:

You can download 3D-drawings (STEP-Data) for MAC14e for your CAD-Program or as a PDF-file on our homepage.

Molex plugs/connections:

Product	1	2	3	4	5	6	7	8
Color	White	Red		Green	Blue	Orange	Black	Yellow
Dual Hall	Hall 1	+5V	NC	Motor+	Hall 2	NC	Ground	Motor–

Manuals, installation instructions, approvals/certificates, Safety instructions etc.:

Installation manuals, assembly- and installation instructions, warnings, instructional videos and further information, can be found on our homepage: www.movetec.dk

Lifting columns data:

Gear/drive-type no.	Load, Push N	Load, Pull N	Typ. power consumption by load A	Speed, without load (32 V DC) mm/s	Stroke length in mm	Built-in measurement in mm	Max. static bending moments in Nm	Max. dynamic bending moments in Nm
1	2500	1500	6,0	15,0	450	595	Mbx 800/Mby 1200	Mbx 400/Mby 600

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Further information → www.movetec.dk

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