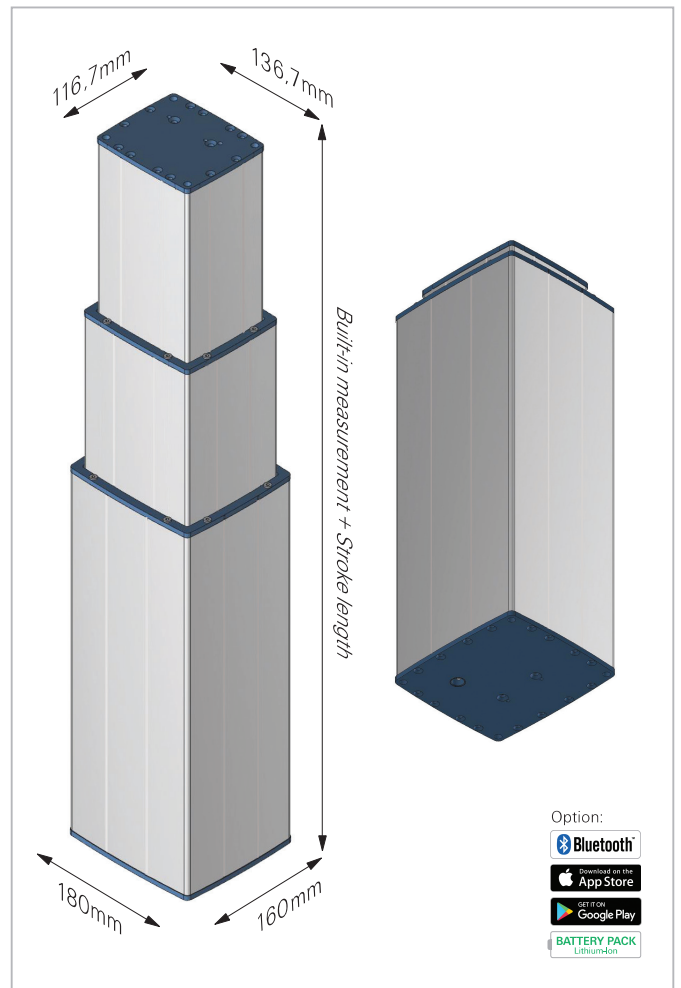
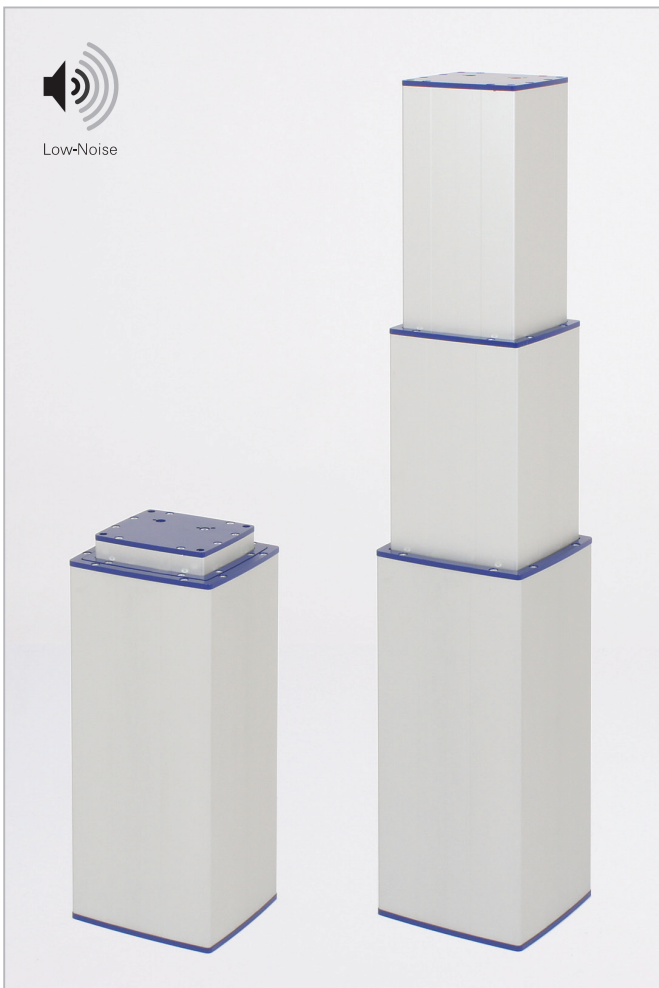


# Aluminium Lifting Column *HEAVY-DUTY/Medical Series* **MAC30**

Up to 6000N



## Strong Aluminium Lifting Column MAC30

For the medical industry & industrial ergonomic workplaces.

MAC30 is a completely new developed lifting column, designed to meet the requirements of hygiene and quality in the medical sector and industrial workplaces. In the development, high stability and a reasonable price level were emphasized. The strong MAC30 lifting column is designed for loads up to 6000N for a single column - by lifting column systems even more. Speed up to 42mm/s (750/1500N).

**Plug & Play:** You can also get MAC30 as a complete Plug & Play solution, including one or more MAC30 lifting columns, a Movetec control box 110V-240VAC, all cables and a control panel. By selecting a control box with Bluetooth®, MAC30 are easily controlled by a remote control, or an iPhone® or Android®-Smartphone.

### Material specifications:

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

### Technical data:

Max. load: 6000N (depends on the stroke length)  
 Max. speed without load: 42mm/sek (750/1500N) (depends on force)  
 Stroke length: 100-900\*mm/special versions up to 1200\*mm (depends on force)  
 Dyn./static bending moment: Max.1000/2000Nm (depends on the stroke length)  
 Min. built-in measurement/length: 188-201mm (by 6000N: Min. 226mm)  
 Operation temperature: 5°C - 45°C (contact Movetec for lower and higher temperatures)  
 Power supply/Voltage: 12/24V DC/Optional 110V-240VAC  
 Cable out: Cable out in the inner profile  
 Intermittents: 10-15%  
 Double Hall-sensors: Yes  
 Top plate size: 138,6 mm x 118,6 mm  
 Bottom plate size: 181,9 mm x 161,9 mm  
 Outer profile size: 180 mm x 160 mm  
 Inner profile size: 136,7 mm x 116,7 mm  
 Mounting tracks: None, smooth surface profiles  
 Control box: More options, see [www.movetec.dk](http://www.movetec.dk)  
 Synchronized drive: Max.32x/16x/12x lifting columns in synchronized drive  
 Control panel: More options, see [www.movetec.dk](http://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 MAC30U). Control box with Lithium-Ion battery pack. 100% brake. Small remote control. Stroke 1200mm/4000N.

\* Stroke length 100-900mm by 6000N (Option: Stroke length 1000mm/1200mm by 4500/4000N).

# MOVETEC



True Innovative Moving Technology

# Aluminium Lifting Column

HEAVY-DUTY/Medical Series  
Smooth Surface

# MAC30

Up to 6000N

For cable out in the outer profile, choose the MAC30U Lifting Column.

MAC30 cable out: Cable out in the inner profile.

Dimensions: 136.7mm, 116.7mm, 180mm, 160mm.

Labels: Outer profile bottom plate, Inner profile top plate, Profile.

Dimensions: 161.9, 140.9, 181.9, 161.1, 118.6, 99.6, 120.0, 138.6.

Labels: Outer profile bottom plate, Inner profile top plate, Profile.

All dimensions in mm.

**Control boxes and control panels:**

MAC30 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.

**CAD-drawings:**

You can download 3D-drawings (STEP-Data) for MAC30 for your CAD-Program or as a PDF-file on our homepage.

**Lifting columns data:**

Gear/drive-type no.	Load, Push N	Load, Pull N	Typ. power consumption by load A	Speed, without load (32 VDC) mm/s	Stroke length in mm	Min. built-in measurement (by stroke length 100 mm) in mm	Max. dyn./static bending moment Nm
G1	1750	1750	4,7	20	100 - 900/1200*	Min. 201	1000/2000**
G2	3500	3500	2 x 4,7	20	100 - 900/1200*	Min. 201	1000/2000**
J1	1000	1000	3,7	30	100 - 900/1200*	Min. 188	1000/2000**
J2	2000	2000	2 x 3,7	30	100 - 900/1200*	Min. 201	1000/2000**
K1	750	750	3,5	42	100 - 900/1200*	Min. 188	1000/2000**
K2	1500	1500	2 x 3,5	42	100 - 900/1200*	Min. 188	1000/2000**
F2	4500	3500	2 x 5,0	16	100 - 900/1000*	Min. 226	1000/2000**
P2	6000	3500	2 x 6,0	12	100 - 900	Min. 226	1000/2000**

\* Option: Special versions with stroke length up to 1000-1200mm by 1000-4500N available. /\*\* Depends on the construction/application in which the lifting columns are built into.

**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](http://www.movetec.dk)

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Further information → [www.movetec.dk](http://www.movetec.dk)

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