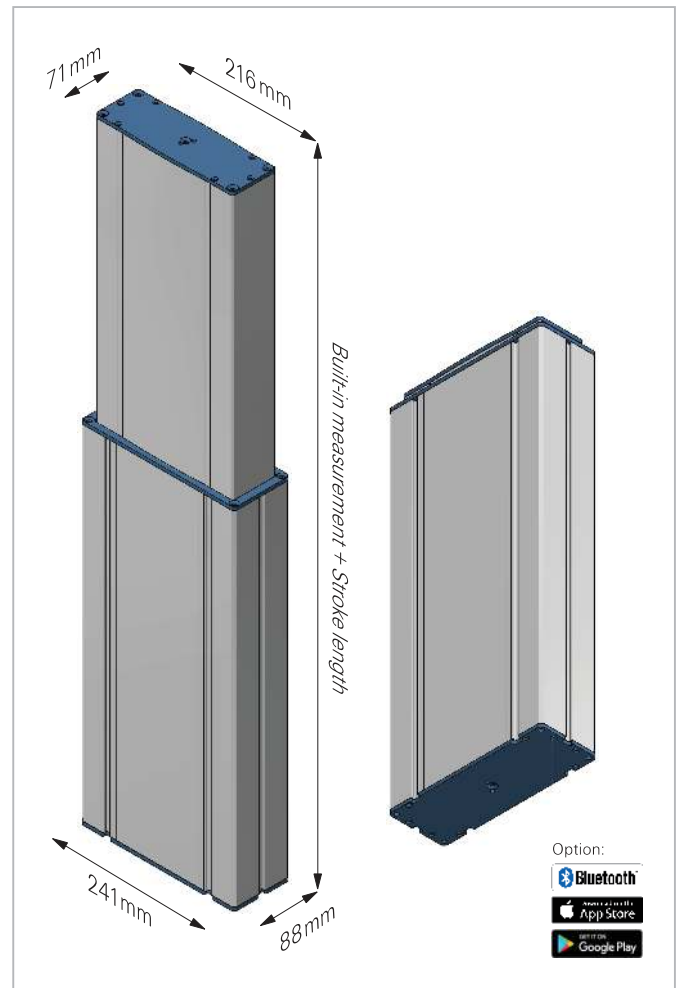


# Aluminium Lifting Column

# MAC18

Up to 6000N



## Aluminium Lifting Column MAC18

For industrial ergonomic workplaces and medical industry.

MAC18 is a completely new developed lifting column, designed to meet the requirements of aesthetics and quality in industrial workplaces. In the development, high stability and a reasonable price level were emphasized. The MAC18 lifting column is designed for loads of max. 6000N and can be moved up to 16mm/s without load. The bending moment is 1000Nm.

**Plug & Play:** You can also get MAC18 as a complete Plug & Play solution, including one or more MAC18 lifting columns, a Movetec control box 230V AC, all cables and a control panel. By selecting a control box with Bluetooth®, MAC18 are easily controlled by iPhone® or Android®-Smartphone.

### Material specifications:

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

### Technical data:

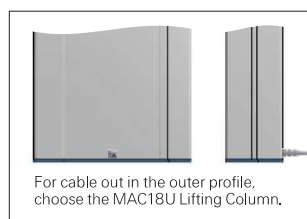
Max. load: 6000 N (depends on the stroke length)  
 Max. speed without load: 16 mm/sek (2500 N) (depends on force)  
 Stroke length: 100-600\*mm/special versions up to 1000mm (depends on force)  
 Dyn./static bending moment: 800/1000 Nm (depends on the stroke length)  
 Built-in measurement/length: 222-722/735mm (by 6000N: 265-565mm)  
 Operation temperature: +5° C - +45° C  
 Power supply/Voltage: 12/24V DC  
 Cable out: Cable out in the inner profile  
 Intermittents: 10%  
 Double Hall-sensors: Yes  
 Top plate size: 216mm x 71mm  
 Bottom plate size: 241mm x 88mm  
 Outer profile size: 240mm x 87mm  
 Inner profile size: 215mm x 70mm  
 Mounting track: Width top 8,1mm/inside 8,1-12mm/depth 5mm  
 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 MAC18U). Control box with Lithium-Ion battery pack. 100% brake. Small remote control. (6000N/450mm).

\* Stroke length 100-400mm by 6000N (Option: Stroke length 450mm/6000N).

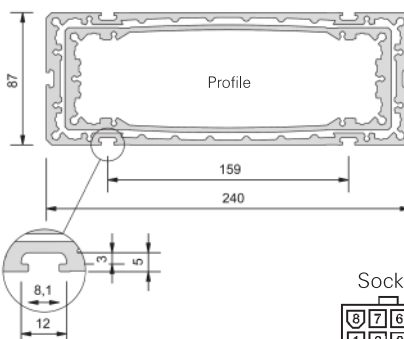
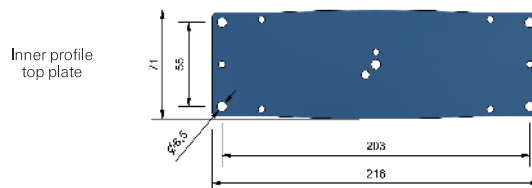
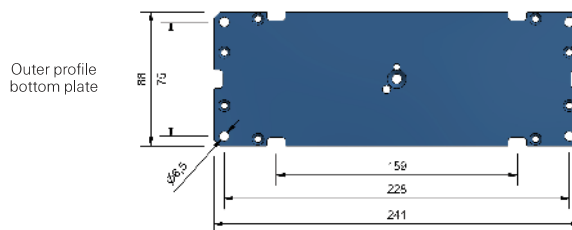
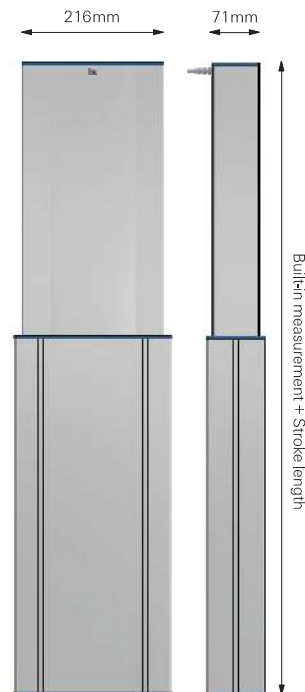
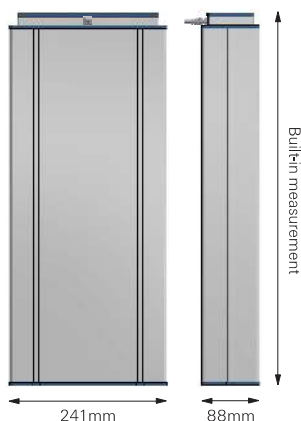
# Aluminium Lifting Column

## MAC18

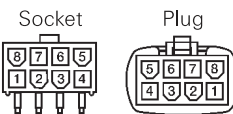
Up to 6000N



MAC18 cable out:  
Cable out in the inner profile.



All dimensions in mm.



### Control boxes and control panels:

MAC18 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 MAC18 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	Built-in measurement (by stroke length 100-600/400*mm) in mm	Max. static bending moment Nm
G	6000	4000	5,0	6	100 - 400	*Hublänge + min.165/178	800/1000
F	4500	4000	6,0	8	100-600	Hublänge + min.165/178	800/1000
D	3500	3500	6,3	11	100-600	Hublänge + min.122/135	800/1000
C	2500	2500	6,0	16	100-600	Hublänge + min.122	800/1000

### 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)



Bluetooth® is a registered trademark and are the property of the owner Bluetooth SIG, Inc. Android®/ Google Play® is registered trademarks and are the property of the owner Google Inc. Apple®/ App Store® is registered trademarks and are the property of the owner Apple Inc. Other trademarks and trade names are the property of their respective owners.

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



© Copyright Movetec Solutions ApS. LKD/MAC18/dat258-UK/4/100/0122

# MOVETEC

Tel. +45 64 89 28 05 · [www.movetec.dk](http://www.movetec.dk)



True Innovative Moving Technology