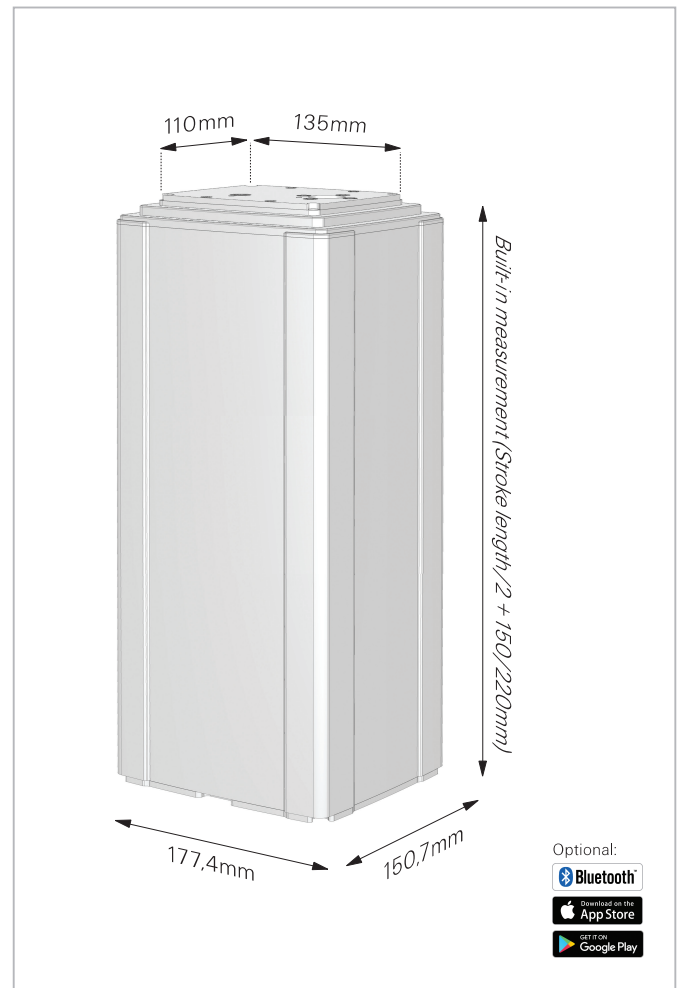


# 3-Part Aluminium Lifting Column

# MAC3

Up to 4000N



## 3-Part Aluminium Lifting Column MAC3

Designed for low installation height and a large stroke.

MAC3 is a modern developed 3-part lifting column. Optimized for a very quiet running and designed for a very stable installation. MAC3 is suitable for constructions requiring a small installation height and a large stroke. MAC3 have all approvals for medical purposes.

**Plug & Play:** MAC3 is available as a complete Plug & Play solution, including one or more MAC3 lifting columns, a Movetec control box 230 VAC, all cables and control panel.

Selecting a control with Bluetooth®, MAC3 are easily controlled by the iPhone® or Android®- Smartphone.

### Material specifications:

Outer profile: Anodized Aluminum  
 Inner profile: Anodized Aluminum  
 Friction sliders: POM Derivat  
 Upper cover plate: Galvanized Steel  
 Base plate: Galvanized Steel  
 Lifting drive parts: Aluminum, Steel, ABS, POM, PP

### Technical data:

Max. load: 1000N-4000N (depends on the stroke length)  
 Max. speed without load: 39mm/sek ( 1000 N) (depends on force)  
 Stroke length: 100-700mm/special versions up to 1200mm (depends on force)  
 Max. dyn. bending moment: X/Y: 1000Nm/800Nm (depends on the stroke length)  
 Max. stat. bending moment: X/Y: 2000Nm/1600Nm (depends on the stroke length)  
 Built-in measurement/length (1000N/2000N): Stroke length/2 + 150mm  
 Built-in measurement/length (4000N): Stroke length/2 + 220mm  
 Operation temperature: +5° C - +45° C  
 Power supply/Voltage: 12/24V DC  
 Cable out: In the inner profile (side or top) or in the outer profile (side)  
 Intermittens: 10%  
 Double Hall-sensors: Yes  
 Base plate size: 177,4mm x 150,7mm  
 Outer profile size: 177,4mm x 150,7mm  
 Inner profile size: 135mm x 110mm  
 Control box: More options, see [www.movetec.dk](http://www.movetec.dk)  
 Synchronized drive: Max. 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. Stroke length up to 1200mm. Hall sensors. 12VDC. Cable out in the inner profile (side or top) or in the outer profile (side). Control box with Lithium-Ion battery pack. 100% brake.

# MOVETEC

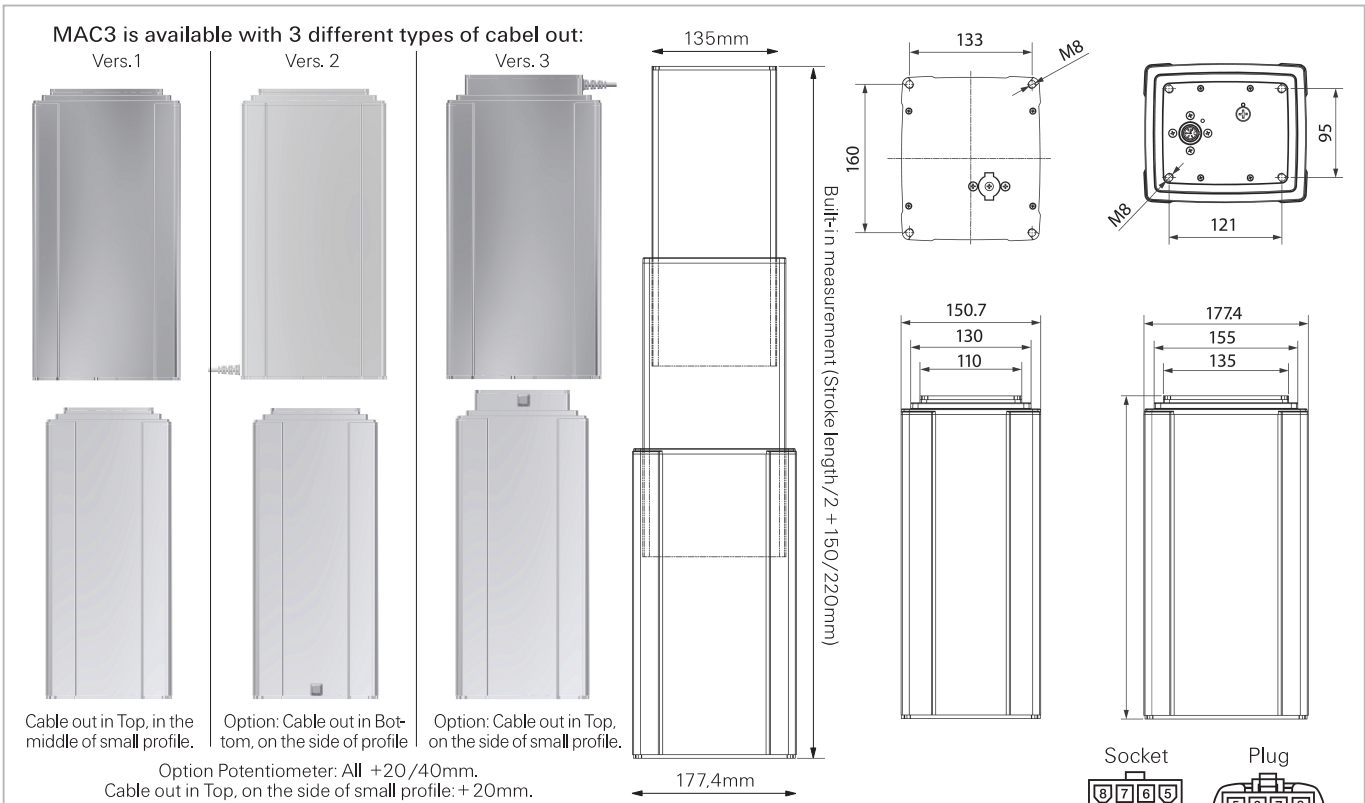


True Innovative Moving Technology

# 3-Part Aluminium Lifting Column

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Up to 4000N



### Control boxes and control panels:

MAC3 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 all your wishes, we are looking forward to your call: +45 64 89 28 05.

### CAD-drawings:

You can download 3D-drawings (STEP-Data) for the MAC3 for your CAD-Program, or as a PDF-file, on our homepage.

### Lifting columns data:

Gear/drive-type no.	Load, Push N	Motor speed RPM	Load, Brake N	Typ. power consumption by load A	Speed, without load (32 VDC) mm/s	Stroke length in mm	Built-in measurement (Strokelength/2+150/220mm) mm	Max. static bending moment in Nm
B	4000	2200	(4000)	6,3	14,5	100 - 700	250-850/320-920	2000/1600
C	2000	2200	(2000)	4,3	22	100 - 700	250-850/320-920	1000/800
D	1000	2200	(1000)	3,8	39	100 - 700	250-850/320-920	1000/800
E	4000	2800	(4000)	7,5	18,5	100 - 700	250-850/320-920	2000/1600
F	2000	2800	(2000)	6,3	35	100 - 700	250-850/320-920	1000/800

### 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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