

ACTUATION SYSTEMS FOR OPERATING TABLES

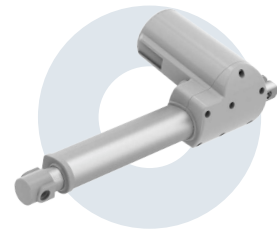
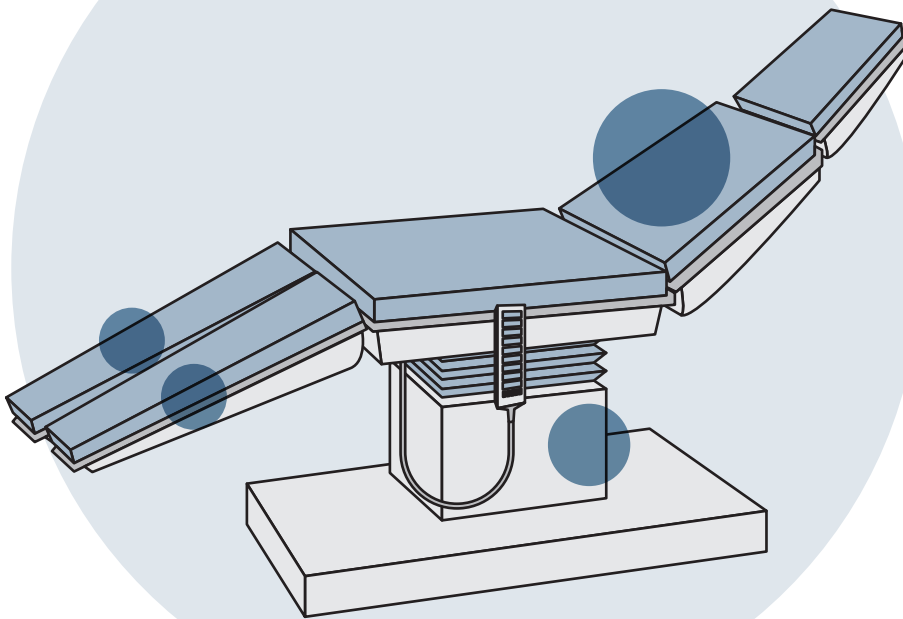
TiMOTION offers a complete solution that is reliable, quiet, and easy to integrate into operating tables.



Complete Solution for Operating Tables

The operating room is one of the essential areas in any hospital. During surgery, the patient rests on an operating table, which allows the doctor to operate successfully. It is an auxiliary tool which supports the patient's body by stabilizing posture and providing the best position during surgery. Due to its ergonomic design, the operating table's height and tilt positions can be adjusted by our hand control system, effectively reducing the need for additional medical personnel.

TiMOTION is committed to providing a high-quality, quiet, and complete medical electric solution system to fulfill patients' and medical staffs' needs. The exclusive zero-backlash design offers an excellent controlling solution that performs a high standard of mobility and stabilization within the operating environment.



TA23

Max. load

10,000N (push) / 4,000N (pull)

Max. speed at no load

39mm/s

Max. speed at max. load

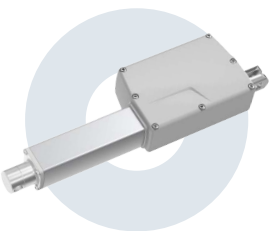
3.2mm/s

Retracted length

≥ Stroke + 163mm

IP rating

IP66W



TA29

Max. load

6,000N (push) / 3,500N (pull)

Max. speed at no load

30mm/s

Max. speed at max. load

3mm/s

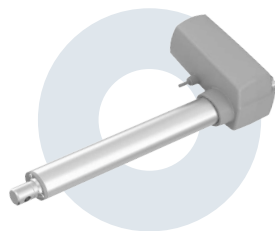
Retracted length

≥ 178mm

(depending on chosen options)

IP rating

IP66W



TA36

Max. load

10,000N (push) / 6,000N (pull)

Max. speed at no load

13.9mm/s

Max. speed at max. load

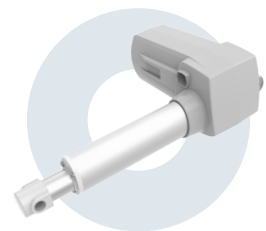
5.4mm/s

Retracted length

≥ Stroke + 170mm

IP rating

IP66W



TA37

Max. load

12,000N (push)

Max. speed at no load

31.1mm/s

Max. speed at max. load

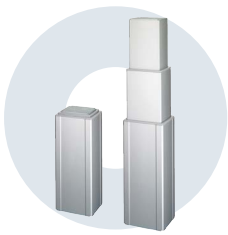
5.3mm/s

Retracted length

≥ Stroke + 170mm

IP rating

IP66W



TL3

Max. load

4,000N (push)

Max. dynamic bending moment

1,000Nm

Max. speed at no load

45mm/s

Max. speed at max. load

13.7mm/s

Retracted length

≥ Stroke/2 + 150mm



TBB5

Battery type

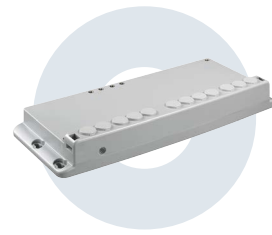
Lithium iron

Capacity

4Ah

Discharging voltage

24V DC, 4A



TC8

Number of motors

1~7

Number of controls

1~3

IP rating

IP66



TC21

Number of motors

1~5

Number of controls

1~2

IP rating

IP66W



TFS5

Max. available buttons

4

IP rating

IP66

Options

Back up battery



TMH5

Max. available buttons

10

Color

Black, grey

IP rating

IP66W

With LCD display, showing bed conditions



TMH7

Number of motors

1~9

Max. available buttons

23

Color

Upper/lower cover: white or grey

IP rating

IP66

Options

Back light, hook



TEB

Push for emergency stop
Twist-to-reset

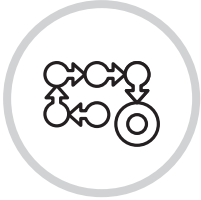


TEB2

IP rating

IP66

External switch for emergency use



Vertical Integration

Design → Components → Final Assembly → Quality Control → After-sale Service

TiMOTION operates under a vertically integrated business model, which gives total control to offer the highest possible quality standards. While competing products are limited in design and integration features, TiMOTION specializes in complete customizable solutions based on the needs of the individual customer.



Customization

With a vertically integrated business model, TiMOTION offers total solutions that are high-quality and highly customizable to meet the various needs of software, hardware, or user interfaces.



Global Service

TiMOTION has seven corporate offices and numerous sales agents, making TiMOTION well-positioned to provide global engineering and sales support.

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