

ACTUATION SYSTEMS FOR RECLINERS AND SOFAS

Smooth, reliable motion solutions
designed for everyday comfort.

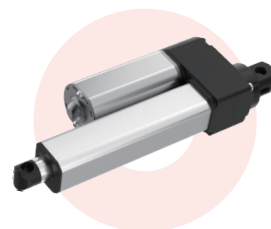
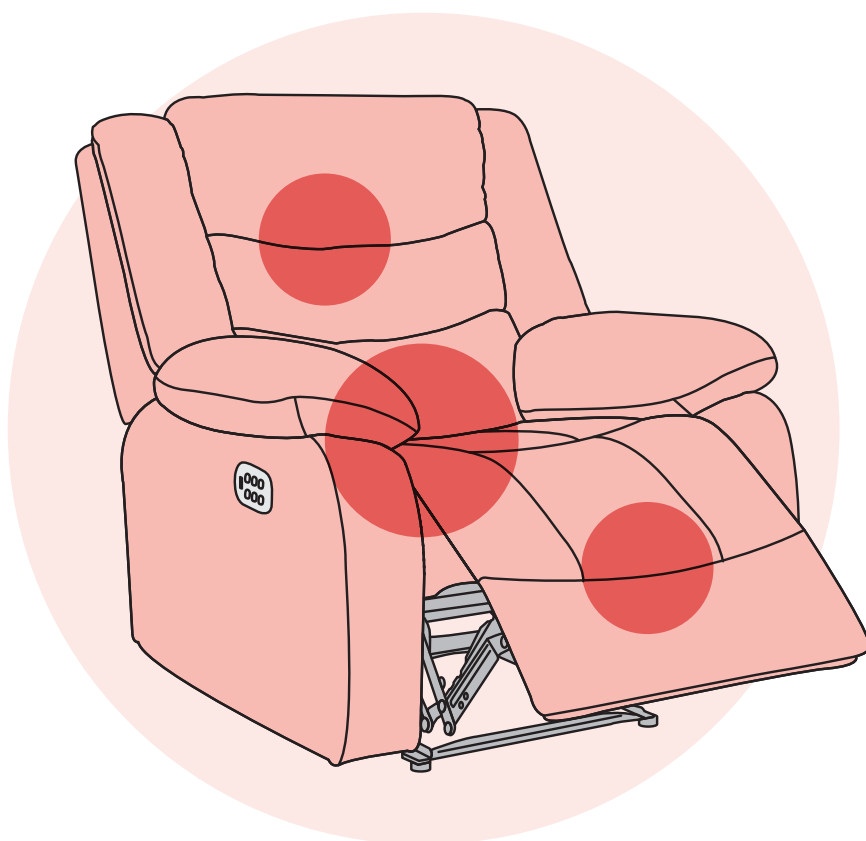
www.timotion.com



Designed For Comfort. Engineered For Reliability.

TiMOTION's actuation systems are engineered specifically for comfort furniture, including recliners, sofas, and adjustable beds. Offering complete solutions—from electric actuators to control boxes and hand controls—we ensure seamless integration and consistently smooth performance.

Our actuators support full-body adjustment in headrests, backrests, footrests, and more. Compact, powerful, and whisper-quiet, each unit is designed to meet strict quality and safety standards, offering both flexibility and peace of mind for manufacturers and users alike.



TA16S

Max. load

3,500N (push) / 1,500N (pull)

Max. speed at max. load

14.2mm/s

Max. speed at no load

21.5mm/s

Retracted length

≥ Stroke + 115mm



TA32

Max. load

500N (push)

Max. speed at max. load

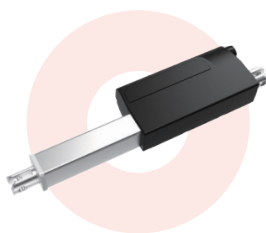
4.8mm/s

Max. speed at no load

16mm/s

Retracted length

≥ 143mm



TA38M

Max. load

2,000N (push) / 1,500N (pull)

Max. speed at max. load

6.2mm/s

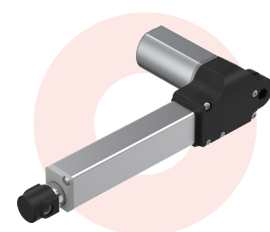
Max. speed at no load

20mm/s

Retracted length

≥ 160mm

(depending on chosen options)



TA43

Max. load

4,000N (push) / 2,000N (pull)

Max. speed at max. load

2.5mm/s

Max. speed at no load

12.1mm/s

Retracted length

≥ Stroke + 100mm



TBB3

Battery type

Lithium-ion

Capacity

1.8Ah

Discharging voltage

25.2V DC, 1.8A



TC14

Number of motors

1~4



TC23

Number of motors

1~4

Max. output

24V DC, 5A



TP2

Transformer type

SMPS

Input voltage

100~240V AC

Max. output

29V DC, 6.25A



TFH27

Max. available buttons

8



TFH28

Max. available buttons

8



TFH32

Max. available buttons

7



TFH33

Max. available buttons

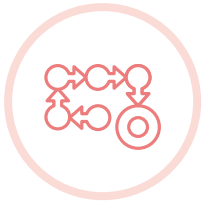
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TFH34

Max. available buttons

6



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 various needs of software, hardware, or user interface.



Global service office

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

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