

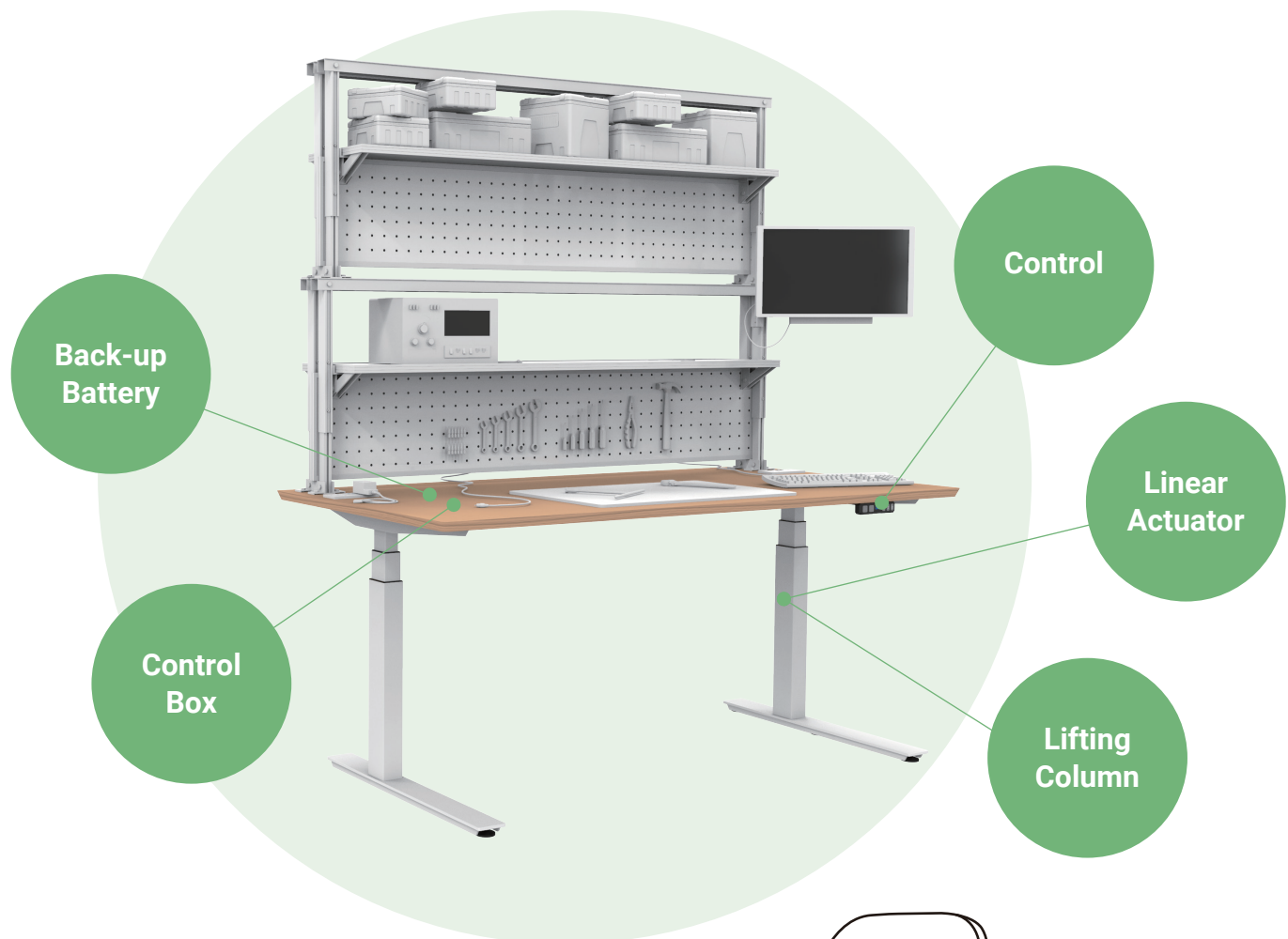
ACTUATION SYSTEMS FOR INDUSTRIAL WORKSTATIONS

www.timotion.com



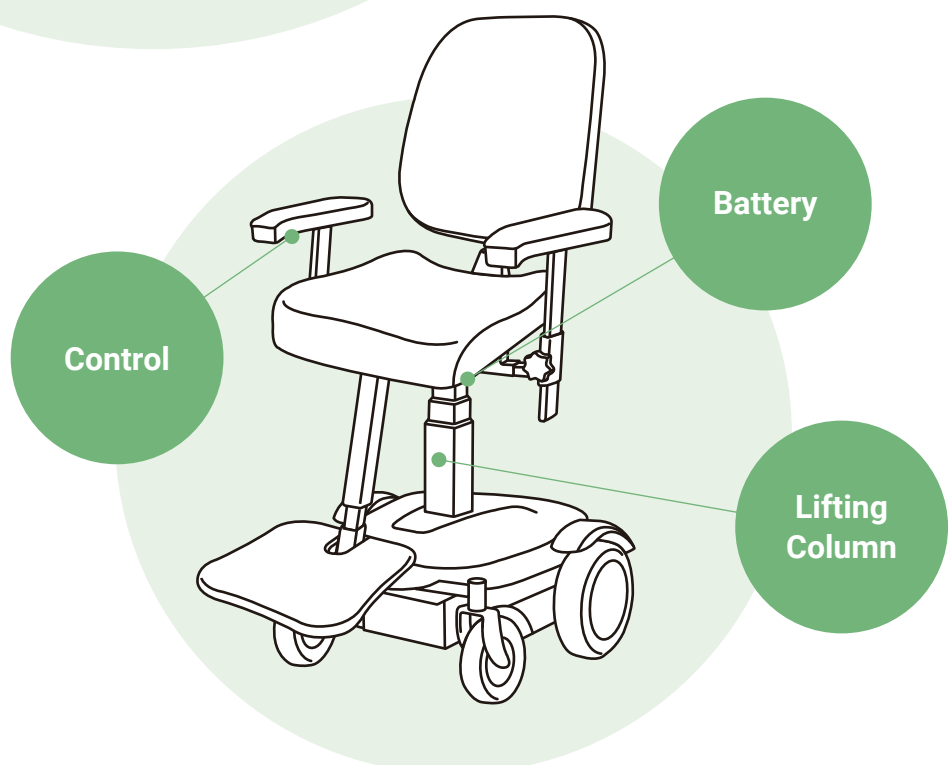
Industrial Workstation Solutions

Our industrial workstation solutions enable height-adjustable ergonomics resulting in minimum worker fatigue for maximum profitability. Whether sitting in an office or standing at an industrial workstation, keeping employees productive and healthy throughout the day is a worthwhile, attainable, and profitable objective.

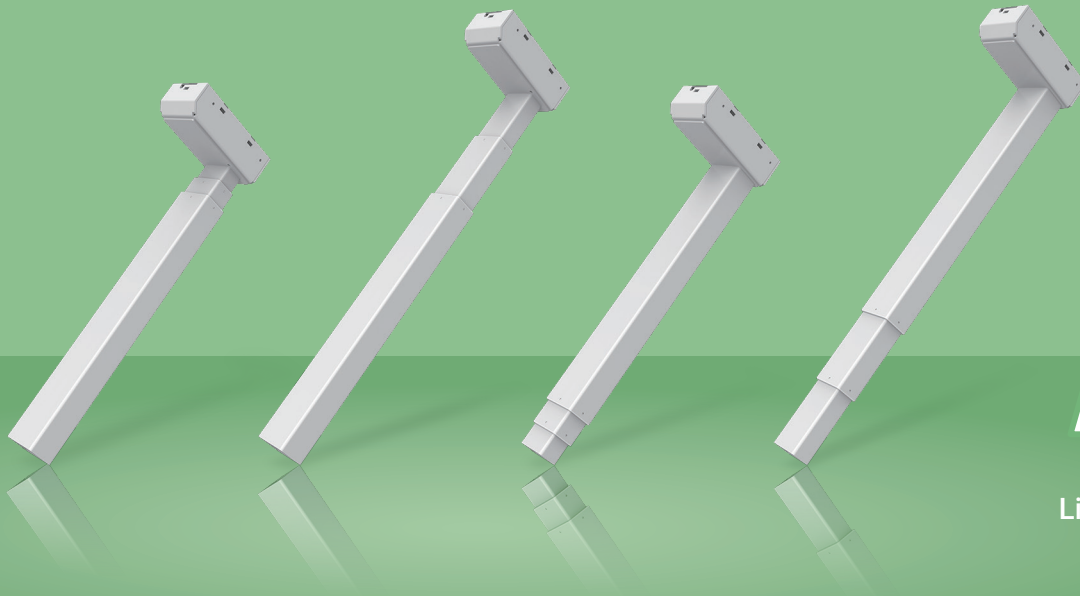


Meet our latest product, the THL series - a powerful lifting column designed to enhance the quality of life. Its versatile and easy-to-use design makes it perfect for use with height-adjustable disability chairs, allowing users to independently change their seating height to comfortably perform daily activities.

At TiMOTION, we provide solutions that empower individuals with disabilities to do more and live life to the fullest.



THL05



Powerful
Lifting Capacity

Max. Load

2000N (push)

Outer tube profile

80 x 50mm

Max. speed at max. load

28mm/s

Stroke / Retracted length

650mm / 590mm

Max. speed at no load

50mm/s



High Durability



Customized Stroke for
Various Appliances



TL10H

Max. load

1200N (push)

Max. speed at max. load

19mm/s

Max. speed at no load

23mm/s

Outer tube profile

80 x 60mm

Stroke / Retracted length

650mm



TL12H

Max. load

1200N (push)

Max. speed at max. load

19mm/s

Max. speed at no load

23mm/s

Outer tube profile

80 x 60mm

Stroke / Retracted length

650mm



TL15H

Max. load

1200N (push)

Max. speed at max. load

22mm/s

Max. speed at no load

28mm/s

Outer tube profile

80 x 60mm

Stroke / Retracted length

500mm



TL26H

Max. load

1200N (push)

Max. speed at max. load

22mm/s

Max. speed at no load

28mm/s

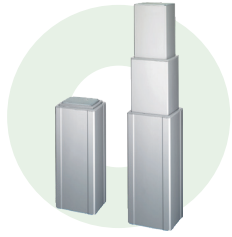
Outer tube profile

80 x 60mm

Stroke / Retracted length

500mm

Heavy Duty Lifting Columns



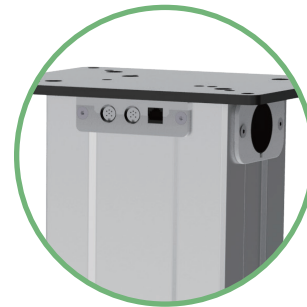
TL3

Max. load
4000N (push)
Max. speed at max. load
13.7mm/s
Max. speed at no load
39mm/s
Stroke
250~1200mm
Retracted length
 $\geq \text{Stroke}/2 + 150\text{mm}$



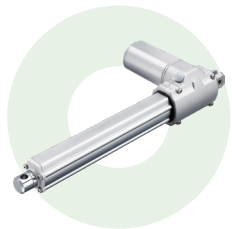
TL18AC

Max. load
4500N (push)
Max. speed at max. load
6.6mm/s
Max. speed at no load
45mm/s
Stroke
20~700mm
Retracted length
 $\geq \text{Stroke} + 383\text{mm}$



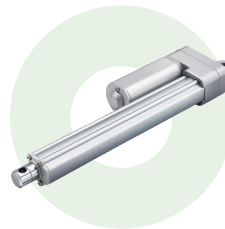
Integrated
AC output
and Ethernet
socket

Actuators for Lifting Column



TA4

Max. load
3500N (push)
2000N (pull)
Max. speed at max. load
3.1mm/s
Max. speed at no load
36.9mm/s
Stroke
20~600mm
Retracted length
 $\geq \text{Stroke} + 140\text{mm}$



TA16

Max. load
4500N (push)
2500N (pull)
Max. speed at max. load
4.9mm/s
Max. speed at no load
58.2mm/s
Stroke
20~600mm
Retracted length
 $\geq \text{Stroke} + 112\text{mm}$



TA23

Max. load
10000N (push)
4000N (pull)
Max. speed at max. load
3.2mm/s
Max. speed at no load
39mm/s
Stroke
25~1000mm
Retracted length
 $\geq \text{Stroke} + 163\text{mm}$



Sturdy and Ergonomic Hand Control



TDH27P

Specially designed for height adjustable mechanisms in industrial worksites

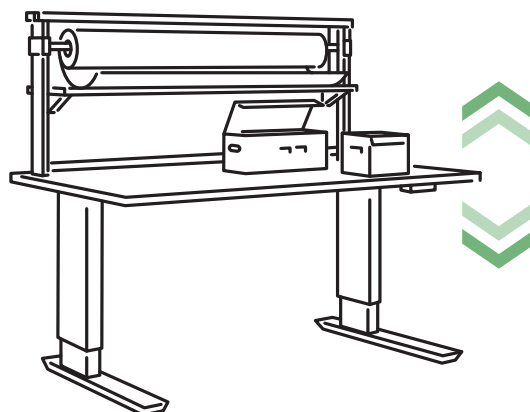
- Sturdy outer case
- Large-sized buttons with embossing
- 25KV ESD protection
- Supports two preset heights
- IP66

Control Box for Motor Synchronization



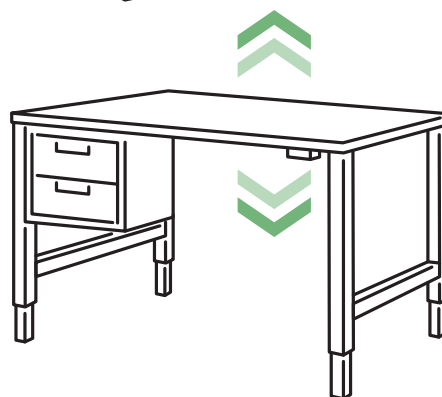
TC15P

- Number of motors: 2
- 0.1W standby power
- Bluetooth for App control
- Compatible with external battery



TC22

- Number of motors: 1~4
- 0.1W standby power
- Bluetooth for App control
- Compatible with external battery

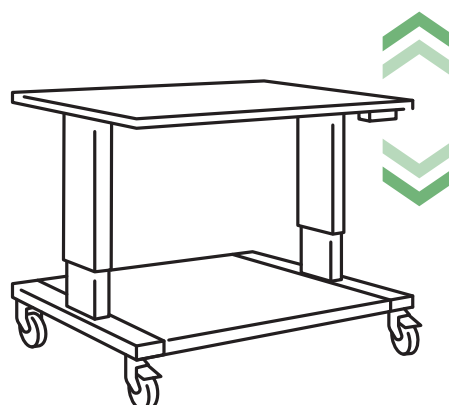


External Battery for Mobility



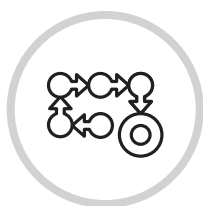
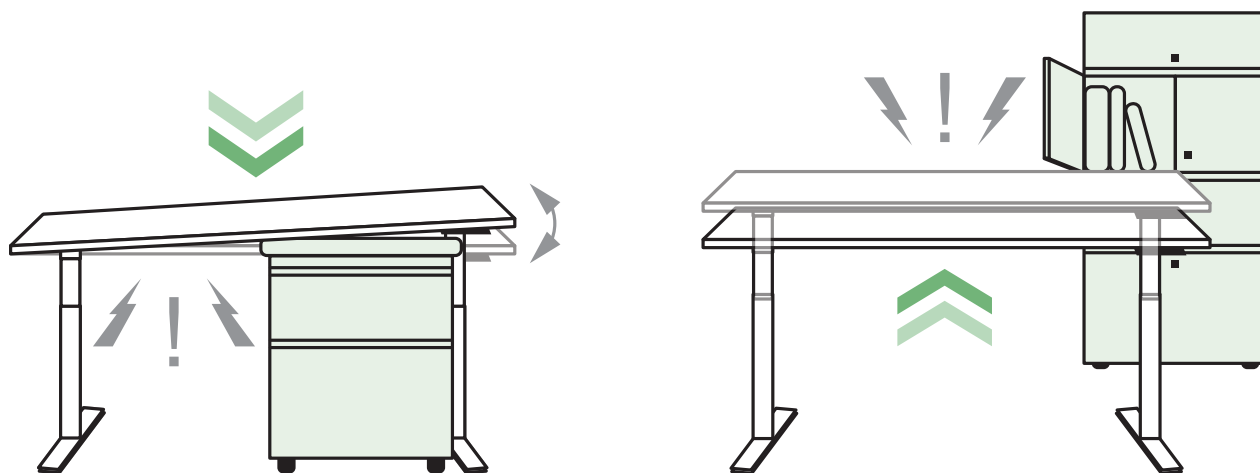
TBB9

- Battery type: Lithium
- Capacity: 2.5Ah/63Wh
- Discharging voltage: 25.2V DC



t-touch Anti-Collision Sensor

Sensor-based technology helps minimize the risk of damages if the workstation collides with obstacles during movement.



Vertical Integration



Customization



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