

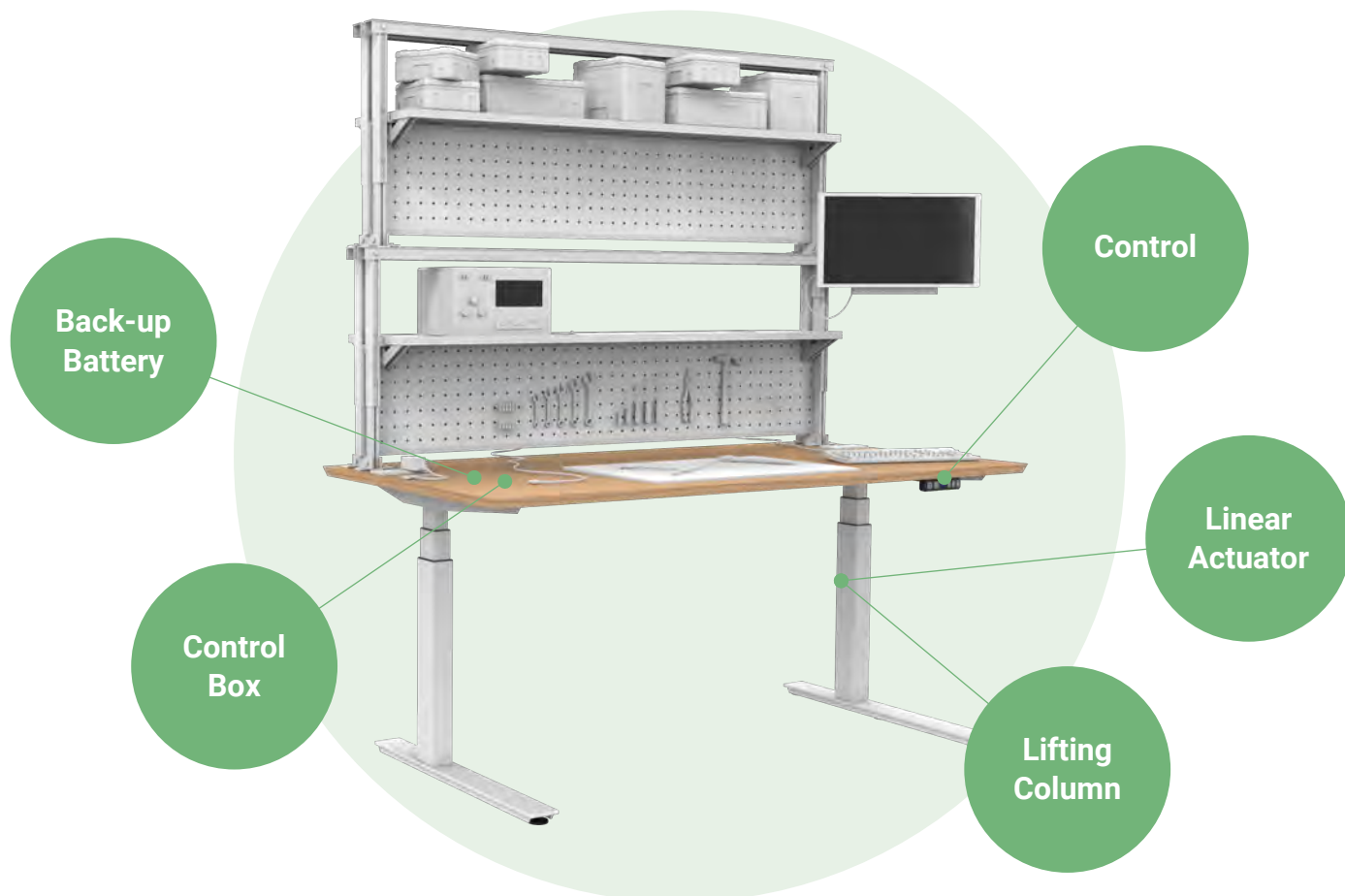
ACTUATION SYSTEMS FOR INDUSTRIAL WORKSTATIONS

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.



Heavy Duty Lifting Columns



TL10H

Max. push load
1200N
Speed at max. load
15mm/s
Speed at no load
23mm/s
Outer tube profile
80 x 60mm
Stroke / Retracted length
650mm / 590mm



TL12H

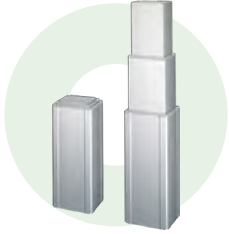
Max. push load
1200N
Speed at max. load
15mm/s
Speed at no load
23mm/s
Outer tube profile
80 x 60mm
Stroke / Retracted length
650mm / 590 mm



TL15H

Max. push load
1200N
Speed at max. load
17mm/s
Speed at no load
28mm/s
Outer tube profile
80 x 60mm
Stroke / Retracted length
500mm / 645 mm

Heavy Duty Lifting Columns



TL3

Max. push load

4000N / 2000N

Speed at max. load

13.7mm/s / 20.0mm/s

Speed at no load

28.0mm/s / 35.0mm/s

Stroke

250~1200mm

Retracted length

$\geq \text{Stroke}/2 + 150\text{mm}$



TL18AC

Max. push load

4500N / 3000N / 2000N

Speed at max. load

6.6mm/s / 9.5mm/s / 13.1mm/s

Speed at no load

11.4mm/s / 17.1mm/s / 22.9mm/s

Stroke

20~700mm

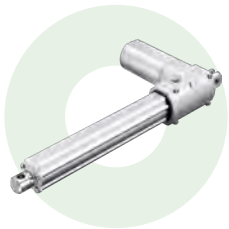
Retracted length

$\geq \text{Stroke} + 183\text{mm}$



Integrated
AC output
and Ethernet
socket

Actuators for Lifting Column



TA4

Max. push load

3500N / 2500N / 1500N

Speed at max. load

3.1mm/s / 5.1mm/s / 12.5mm/s

Speed at no load

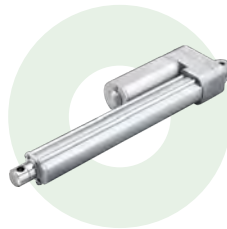
6.2mm/s / 9.3mm/s / 26.0mm/s

Stroke

20~600mm

Retracted length

$\geq \text{Stroke} + 140\text{mm}$



TA16

Max. push load

3500N / 2000N / 1500N

Speed at max. load

6.2mm/s / 10.5mm/s / 13.5mm/s

Speed at no load

11.0mm/s / 17.0mm/s / 23.5mm/s

Stroke

20~600mm

Retracted length

$\geq \text{Stroke} + 112\text{mm}$



TA23

Max. push load

10000N / 5000N / 2500N

Speed at max. load

3.2mm/s / 6.6mm/s / 13.4mm/s

Speed at no load

5.7mm/s / 11.3mm/s / 23.0mm/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

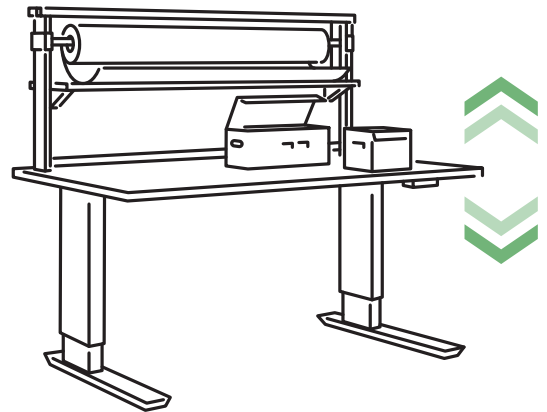
- Sturdy outer case
- Large-sized buttons with embossing
- 25KV ESD protection
- Supports two preset heights
- IP66

Control Box for Motor Synchronization



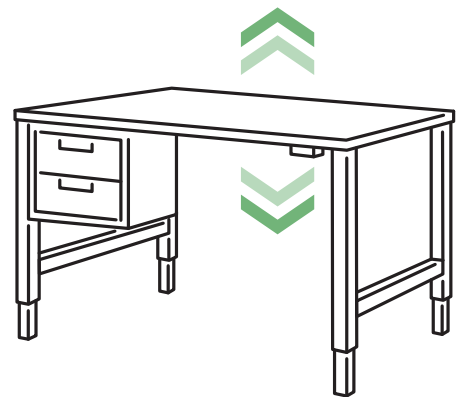
TC15P

- 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

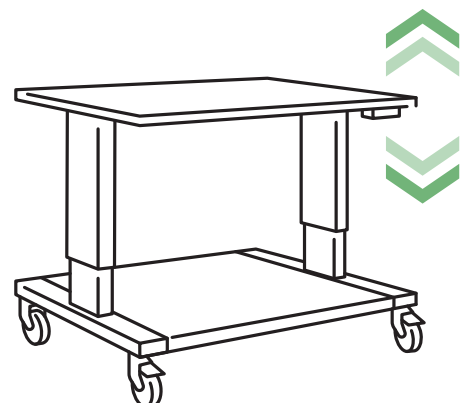


External Battery for Mobility



TBB9

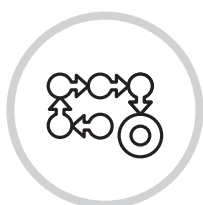
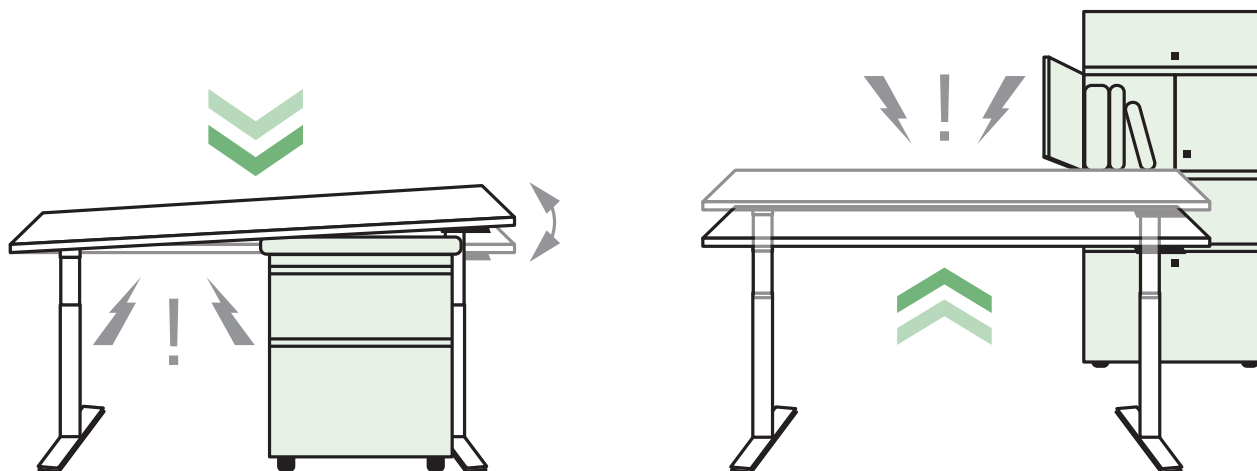
- Battery type: Lithium
- Capacity: 2.5Ah/63Wh
- Discharging voltage: 25.2V DC



t-touch Anti-Collision Sensor

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

Check here : [Greatest Anti-collision Solution for Height Adjustable Application](#)



Vertical Integration



Customization



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