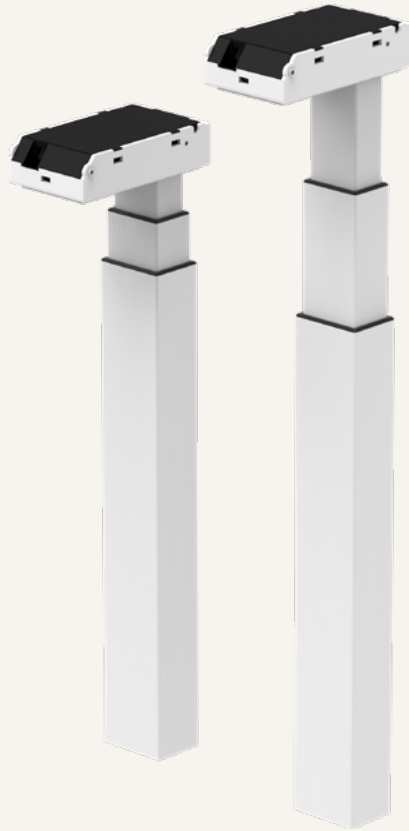


TL10H

series



Product Segments

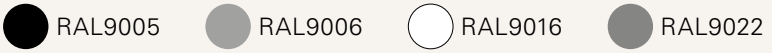
- **Ergo Motion**

The TL10H is a heavy-duty lifting column for Ergo applications with a large capacity (120kg per column). With the same dimensions and fixation methods as TL10, it's compatible with the control box for Ergo Motion and TEK series. This lifting column is suitable for consoles, workbenches, industrial workstations, heavy tabletops, and other heavy loading applications.

Features

- Load and speed per column¹²

Code	Load (N)	Self Locking Force (N)	Current (A) with 29V DC		Speed (mm/s) with 29V DC	
	Push		No Load	With Load	No Load	With Load
E	1200	1200	2.8	6.0	23.0	19.0

- Retracted length 590mm
560mm (M)
- Stroke 650mm
660mm (M)
- Outer profile 80*60mm rectangular
- Stages 3-stage
- Output signals Hall sensors
- Voltage 24VDC
- Color³

- Product Weight 9kg /column

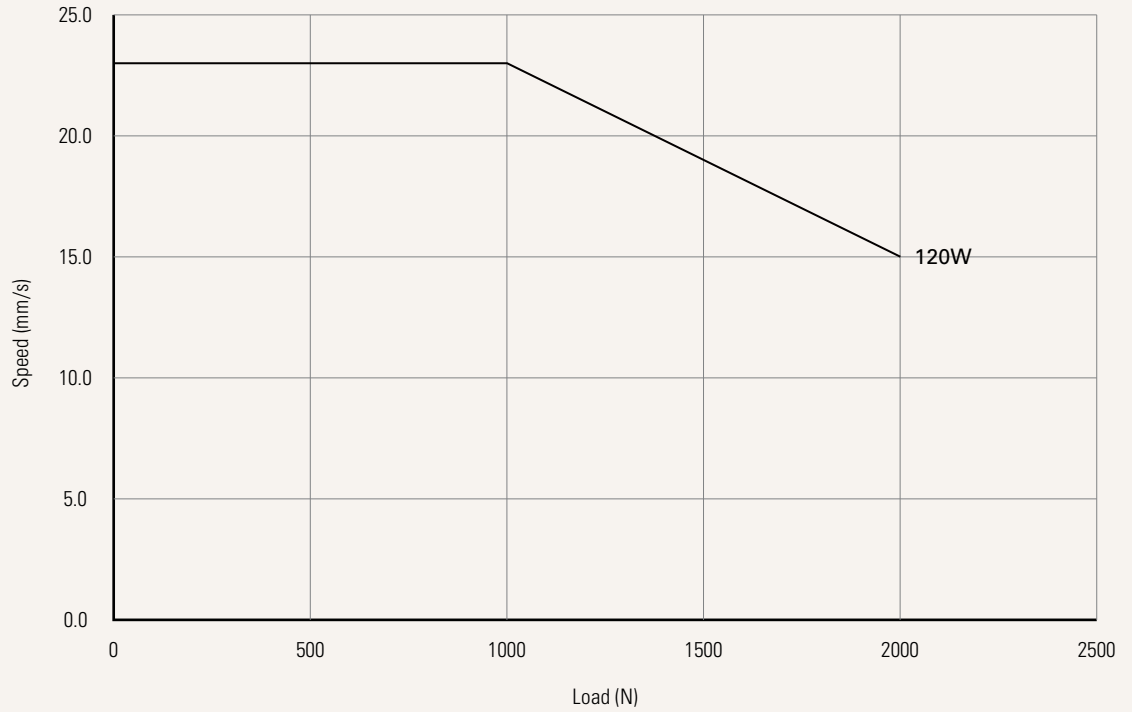
Note

- ¹ The self locking force, current, and speed performance are tested with TiMOTION control boxes.
- ² The parameters are based on average test values; final specifications are subject to the approval drawings.
- ³ For more color options, please consult your sales representative.

Performance Data with Control Box

The following is the performance data of two columns driven by an Ergo Motion control box TC15S. The load is evenly distributed on the work surface.⁴

- TL10H, two columns driven by TC15S



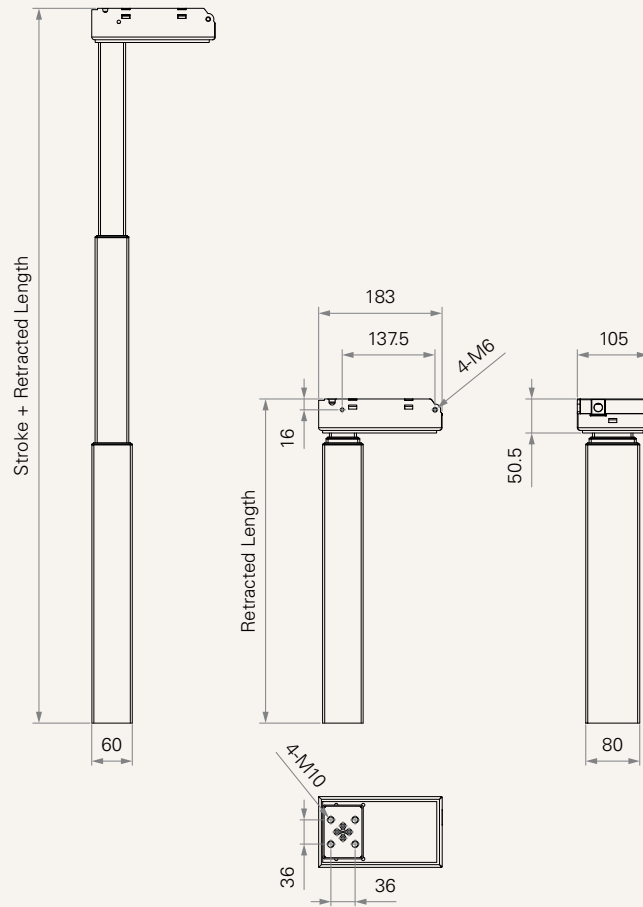
TC15S Spec	Load (N)	Constant Speed (mm/s) with TC15S
120W	2000	23

Note

⁴ The corresponding control box software is required.

Drawing

Standard Dimensions
(mm)



Stroke & Retracted Length

Options	Stroke (mm)	Retracted Length (mm)
Standard	650	590
M	660	560

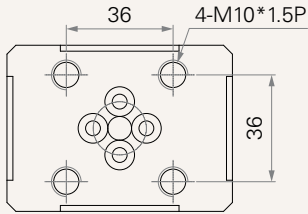
Appearance of Motor House	C = TiMOTION standard			
Voltage	2 = 24VDC			
Load and Speed	See page 2			
Stroke & Retracted Length (mm)	See page 4			
Color	1 = Black, RAL 9005	2 = White, RAL 9016	3 = Grey, RAL 9006	4 = Special grey, RAL 9022
Wiper Color	1 = Black	2 = White	3 = Grey	4 = Matte black
Bracket See page 6	0 = Without	L = Left, Standard bracket	R = Right, Standard bracket	
Bottom Plate Type (mm) See page 6	1 = M10, 36*36, TiMOTION standard			
Bottom Plate Height	1 = Standard			
Output Signals	2 = Hall sensor * 2			
Connector	1 = DIN 6P, 90° plug E = Molex 8P, 180° plug, standard		F = Molex 8P, 90° plug, without anti-clip, for TC22/TC23	
Cable Length (mm)	1 = Straight, 500	3 = Straight, 1000	4 = Straight, 1500	

Note

¹ The TL is designed especially for push applications, not suitable for pull applications.

Bottom Plate Type (mm)

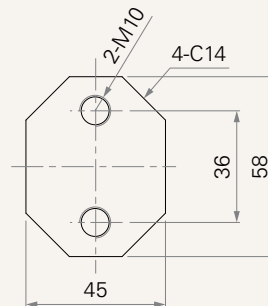
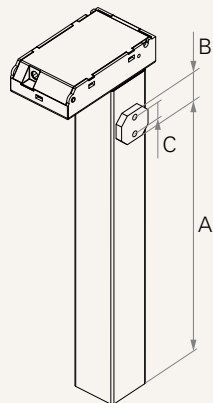
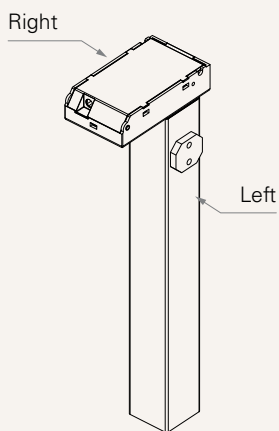
1 = M10, 36*36, TiMOTION standard



Bracket (Standard)

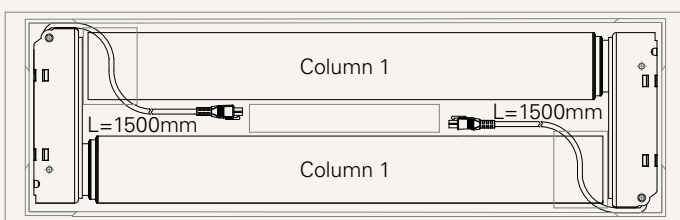
Direction

Dimension



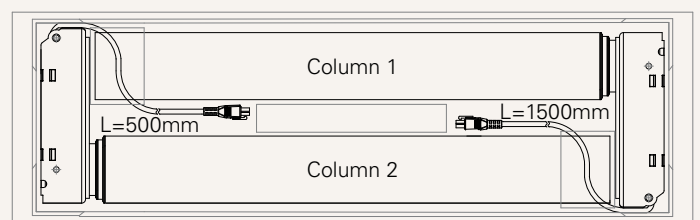
Package

Package of one TL part number



Column: 2pcs TL/box (Same PN& cable length)
 Electronic control system: Without
 Weight with package: 19KG

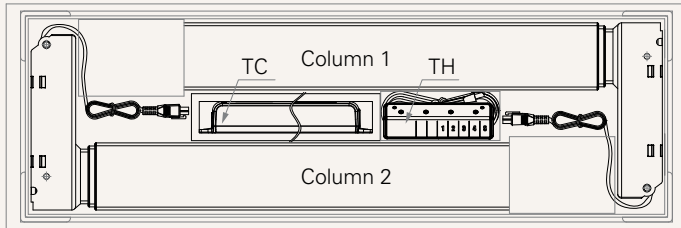
Package of two TL part numbers in pairs



Column: 2pcs TL/box (Different PN, cable length, for pair use)
 Electronic control system: Without
 Weight with package: 19KG

Package

Package of MP part number set-TL in pairs + electronic control system



Column: 2pcs TL/box (Different PN, cable length, for pair use)

Electronic control system: TC + TH

Weight with package: 20KG

Terms of Use

The user is responsible for determining the suitability of TiMOTION products for a specific application. TiMOTION products are subject to change without prior notice.