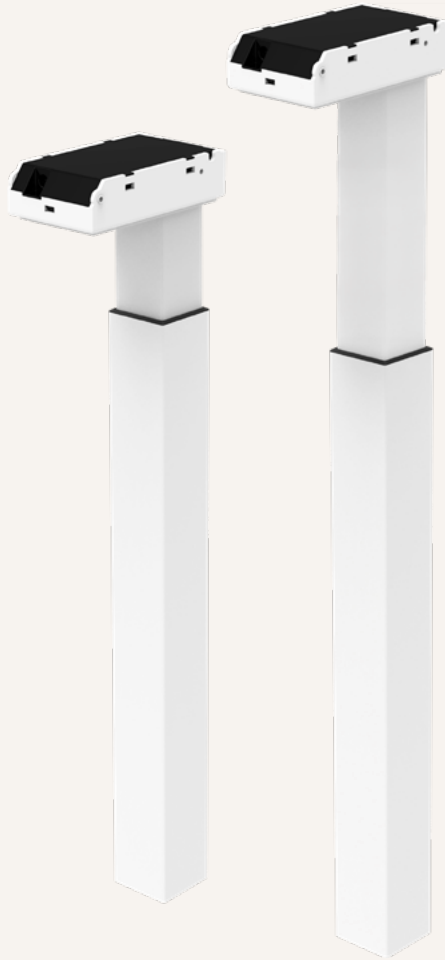


TL13

series



Product Segments

• Ergo Motion

TiMOTION's TL13 series lifting columns are specifically designed for use in ergonomic desks and work tables. Using multiple TL series lifting columns with compatible TC series Control Boxes and TH/TDH series controls, work surfaces can be controlled quietly and smoothly with synchronous movement. All Ergo Motion TC series control boxes have a less than 0.1W standby power option that reduces power consumption. Our wide range of columns offer customers the solutions they require to satisfy their working environment project requirements. The TL13 has a two stage telescopic outer tube that is designed for a narrow-top, wide-bottom square appearance.

Features

- Load and speed per column¹²

Code	Load (N)	Self Locking Force (N)	Current (A) with 24V DC		Speed (mm/s) with 24V DC	
			No Load	With Load	No Load	With Load
A	800	800	2.2	5	32	26

- Retracted length
Standard outer tube:
645mm

Extended outer tube:
665mm
- Stroke
500mm
- Outer profile
70*70mm square
- Stages
2-stage
- Output signals
Hall sensor * 2
- Voltage
24V DC
- Color³

 RAL9005
  RAL9006
  RAL9016
 RAL9022
  RAL7021
  RAL7024
- Product weight
8.2kg /column

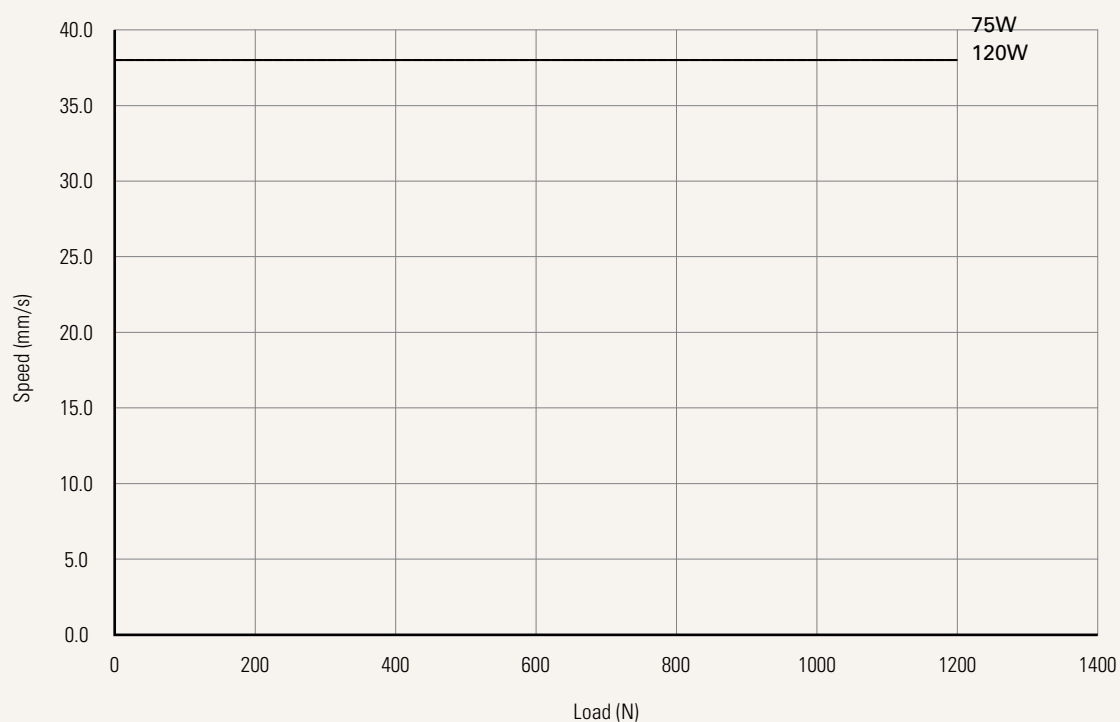
Note

- 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

- TL13, two columns driven by TC15S



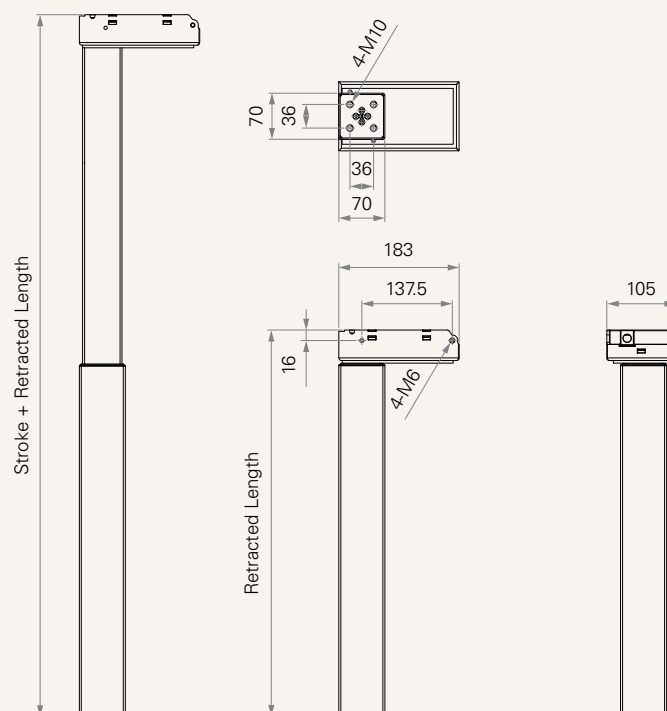
TC15S Spec	Load (N)	Constant Speed (mm/s) with TC15S
75W	1200	38
120W	1200	38

Note

- ⁴ The corresponding control box software is required.

Drawing

Standard Dimensions
(mm)



Stroke & Retracted Length

	Options	Stroke (mm)	Retracted Length (mm)
Standard Outer Tube	Standard	500	645
Extended Outer Tube	Standard	500	665

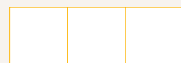
Note

- 1 Only specific TEK could be with the shoes, please refer to TEK speccode.
- 2 Reverse structure with shoe need to raise new function proposal.

TL13 Ordering Key

TL13

Version: 20260421-H



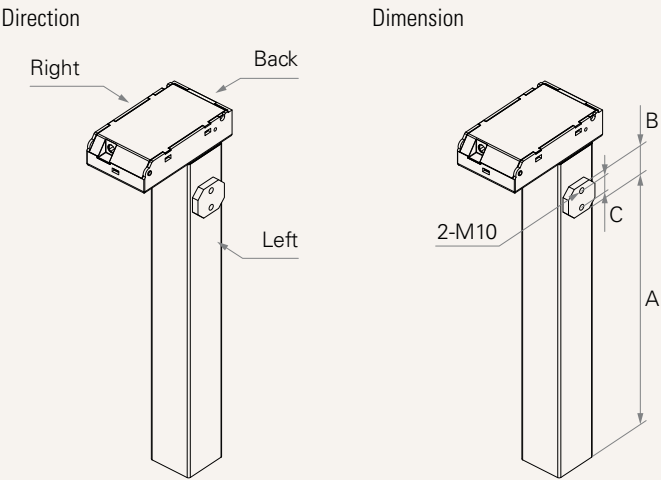
Appearance of Tubes	C = Without wiper fixing holes at sides	
Voltage	2 = 24V	
Load and Speed	See page 3	
Stroke & Retracted Length (mm)	650 590 = Standard * Please refer to See page 4 for others.	
Color	1 = Black, RAL 9005, black wiper 2 = Grey, RAL 9006, black wiper 3 = White, RAL 9016, black wiper 4 = Special grey, RAL 9022, black wiper 6 = Grey, RAL 9006, grey wiper	7 = White, RAL 9016, white wiper 8 = Special grey, RAL 9022, grey wiper B = Matte black, RAL 7021, Black wiper C = Graphite grey, RAL7024, Black wiper D = Matte black, RAL 7021, Matte Black wiper
Motor Housing Step	1 = Without	
Output Signals	2 = Hall sensors * 2	
Connector	1 = DIN 6P, 90° plug E = Molex 8P, 180° plug, standard	F = Molex 8P, 90° plug, without anti-clip, for TC22/TC23 G = Molex 6P, 180° plug for TCH series
Cable Length (mm)	1 = Straight, 500	4 = Straight, 1500
Bracket	0 = Without See page 6 L = Left, Standard bracket R = Right, Standard bracket B = Back, Standard bracket * 2 (For wall mounting application) 5 = Left, triangle bracket 6 = Right, triangle bracket	

Note

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

Bracket

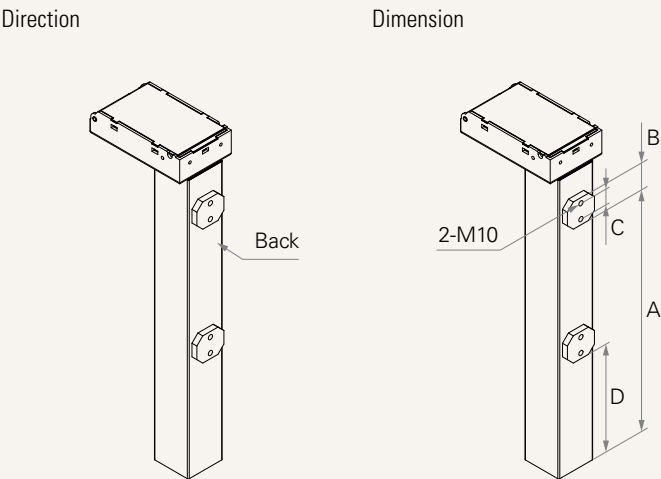
- Standard bracket



Standard Outer Tube	A (mm)	B (mm)	C (mm)
Standard	440.5	48	28

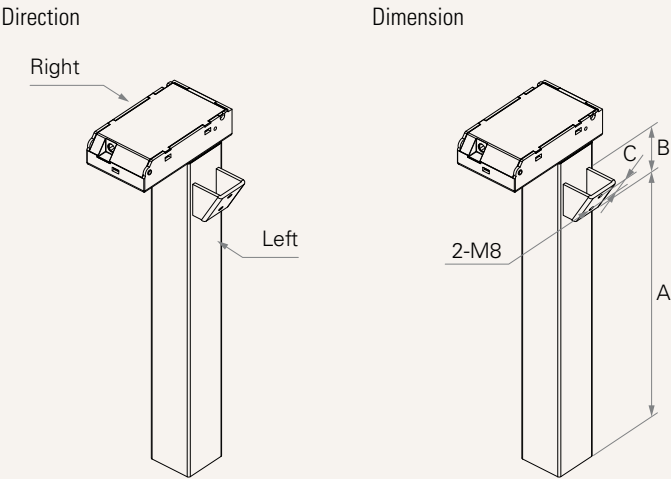
Extended Outer Tube	A (mm)	B (mm)	C (mm)
Standard	460.5	48	28

- Back, Standard bracket*2 (For wall mounting application)



Extended Outer Tube, for Wall Mounting Application	A (mm)	B (mm)	C (mm)	D (mm)
Standard	516	48	28	200

- Triangle bracket

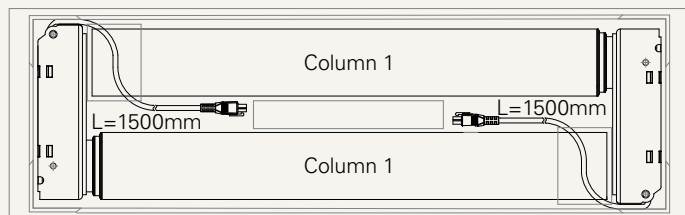


Standard Outer Tube	A (mm)	B (mm)	C (mm)
Standard	436.5	52	20

Extended Outer Tube	A (mm)	B (mm)	C (mm)
Standard	456.5	52	20

Package

Package of one TL part number

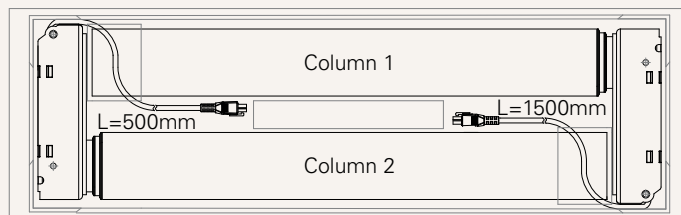


Column: 2pcs TL/box (Same PN & cable length)

Electronic control system: Without

Weight with package: 14KG

Package of two TL part numbers in pairs

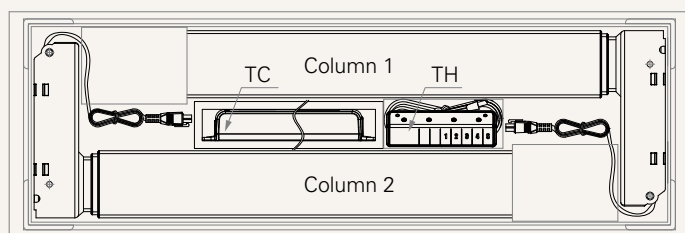


Column: 2pcs TL/box (Different PN, cable length, for pair use)

Electronic control system: Without

Weight with package: 14KG

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: 15KG

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.