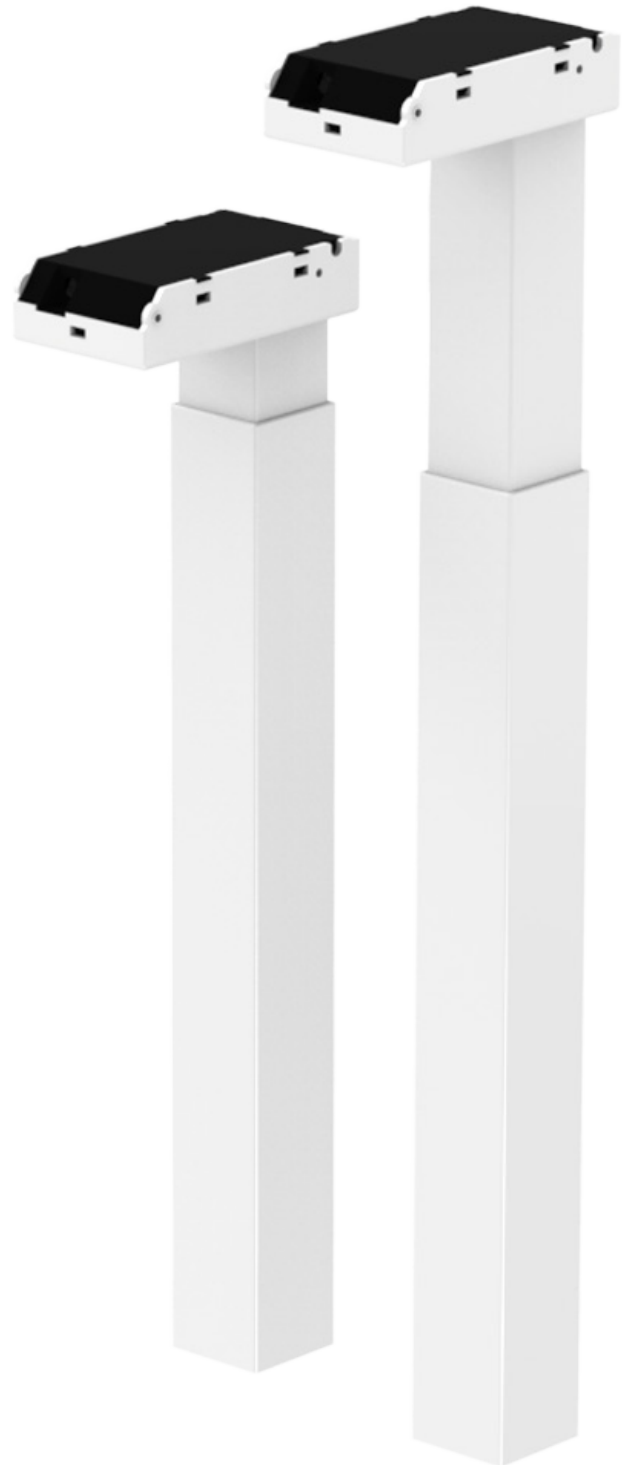


Column - TL13S Bench

Tube dimension	70 x 70 / 63,5 x 63,5mm
Stroke	500 mm
Column height	665 mm
Max load, complete frame	100 kg, equally divided
Max load, each column	60 kg
Speed, 0 - 80 kg load	31 mm/sec (constant speed)
Speed, 120 kg load	29 mm/sec (constant speed)
Noise level	< 37 dB
Duty cycle	10%, Max 1 min. run / 9 min. stop
Simultaneous spindle	Synchronized movements
Ambient temperature	0 - 45 C°
Storage & transport temp.	(20) - 70 C°
Friction-control	100%
Motor-brake	Patented by TiMOTION
Motorhouse (L x W x H)	183 x 105 x 46,5 mm
Wiper	Optional colors
Invisible inlay	Optional



CE mark - EN standards / tests

The column is CE-marked for a partly completed machinery, according to following directives (Documentations / Technical Dossier upon request):
 The machinery directive 2006/42/EC
 The EMC directive 2014/30/EU
 The LVD directive 2014/35/EU
 RoHS compliant, according to directive 2011/65/
 EU & REACH compliant, according to directive EC 1907/2006

Other standards / tests

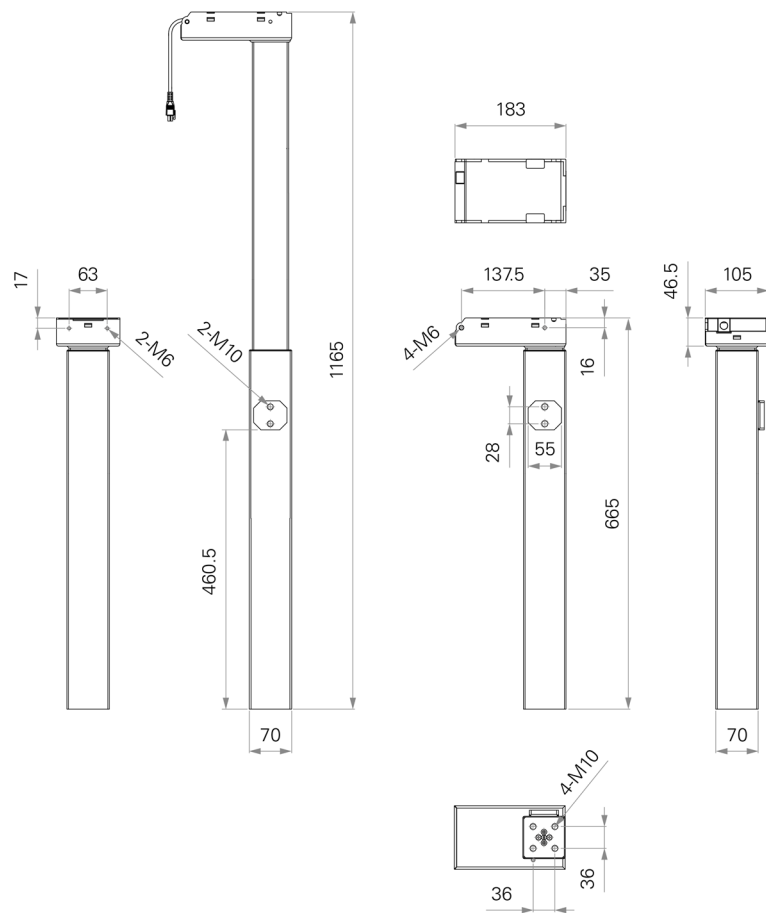
Type Approved safety regular production surveillance (GS mark)
 EN ISO 2409:2007
 EN 527-1:2011, EN 527-2:2016
 EN 13849
 Sound Emission from DTI

12 standard colors







Please request for separate color chart

Drawing

Standard dimension (mm)



Marking on labels

	CE mark
	General warning sign https://www.iso.org/obp/ui/#iso:grs:7000:4:0434A
	Class II – double insulation https://en.wikipedia.org/wiki/Appliance_classes
	Indoor use
	WEEE http://en.wikipedia.org/wiki/Waste_Electrical_and_Electronic_Equipment_Directive The electrical device can't be randomly discarded
	Type Approved safety regular production surveillance, which means that the product is ready for GS mark