

## Column - TL12

<b>Tube dimension</b>	80 x 60 / 70 x 50 / 60 x 40 mm
<b>Stroke</b>	650 mm
<b>Column height</b>	590 mm
<b>Max load, complete frame</b>	120 kg, equally divided
<b>Max load, each column</b>	80 kg
<b>Speed, 0 - 80 kg load</b>	40 mm/sec (constant speed)
<b>Speed, 120 kg load</b>	38 mm/sec (constant speed)
<b>Noise level</b>	39 dB
<b>Duty cycle</b>	10%, Max 1 min. run / 9 min. stop
<b>Simultaneous spindle</b>	Synchronized movements
<b>Ambient temperature</b>	0 - 45 C°
<b>Storage &amp; transport temp.</b>	(20) - 70 C°
<b>Friction-control</b>	100%
<b>Motor-brake</b>	Patented by TiMOTION
<b>Motorhouse (L x W x H)</b>	183 x 105 x 50,5 mm
<b>Wiper</b>	Optional colors
<b>Invisible inlay</b>	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

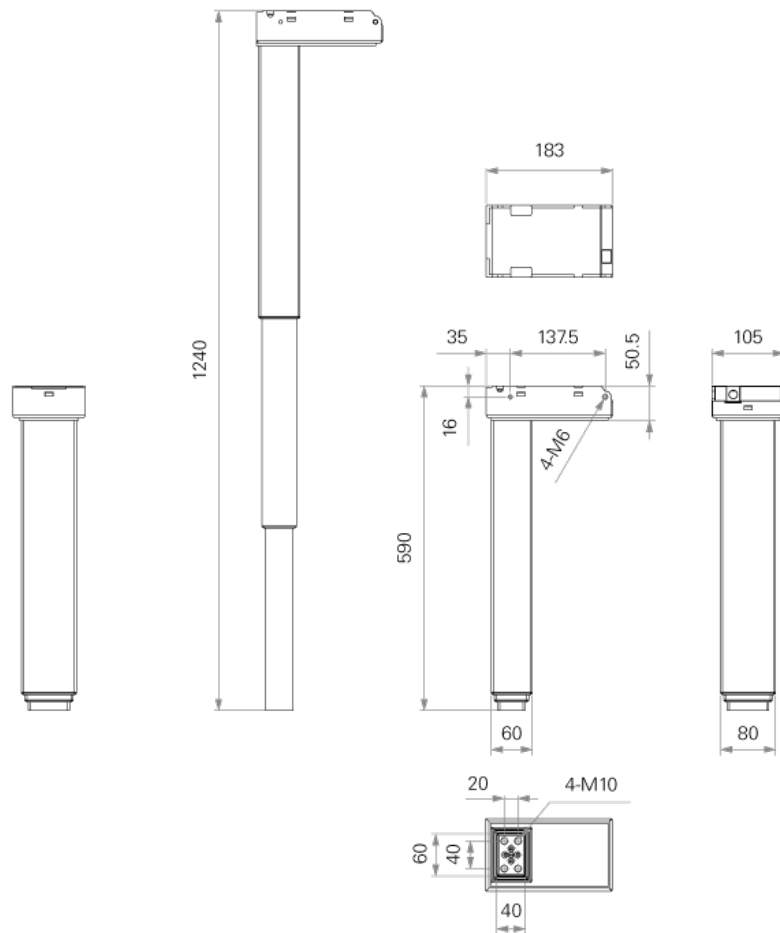
Type Approved safety regular production surveillance (GS mark)  
EN ISO 2409:2007  
EN 527-1:2011, EN 527-2:2016  
EN 13849  
Sound Emission from DTI

## 12 standard colors







Please request for separate color chart

## Drawing

Standard dimension (mm)



## Marking on labels

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