



### Universal and compact

The housing of the linear unit consists of a colorless anodized aluminum profile. The cylinder rod is made of stainless steel and positioned in a plastic bushing. It is operated by means of an internal spindle drive. The cable length is 6-1/2ft (2m).

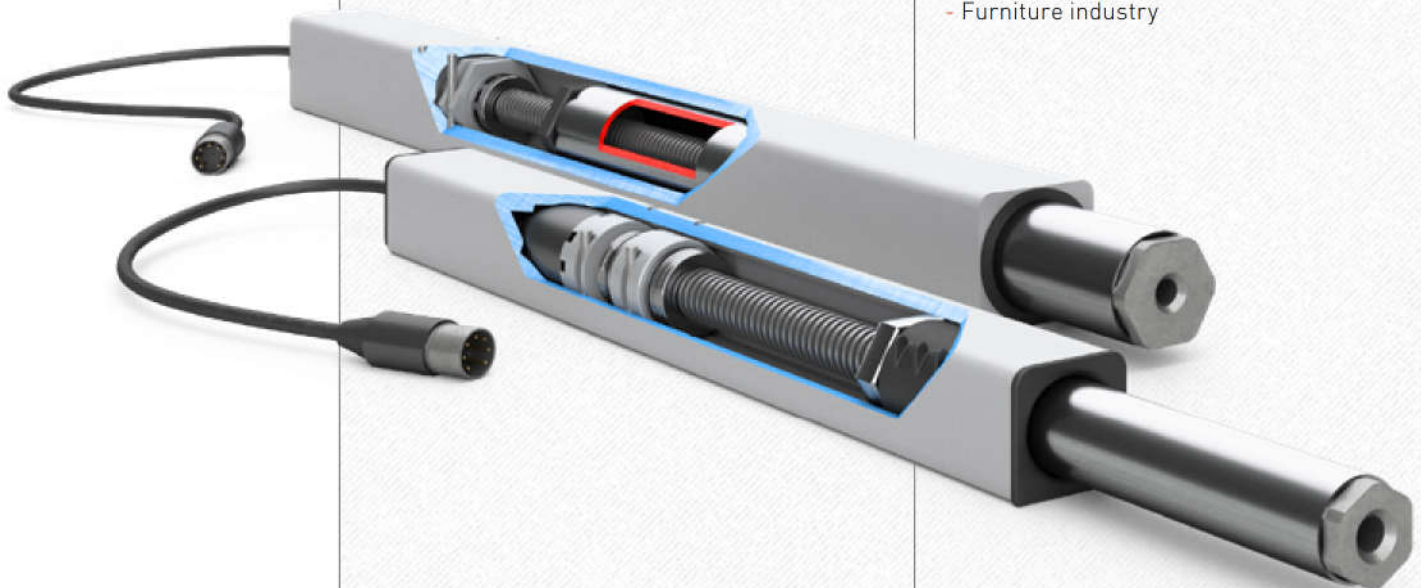
Up to 4 linear units can be connected to one control unit and operated synchronously.

### Application

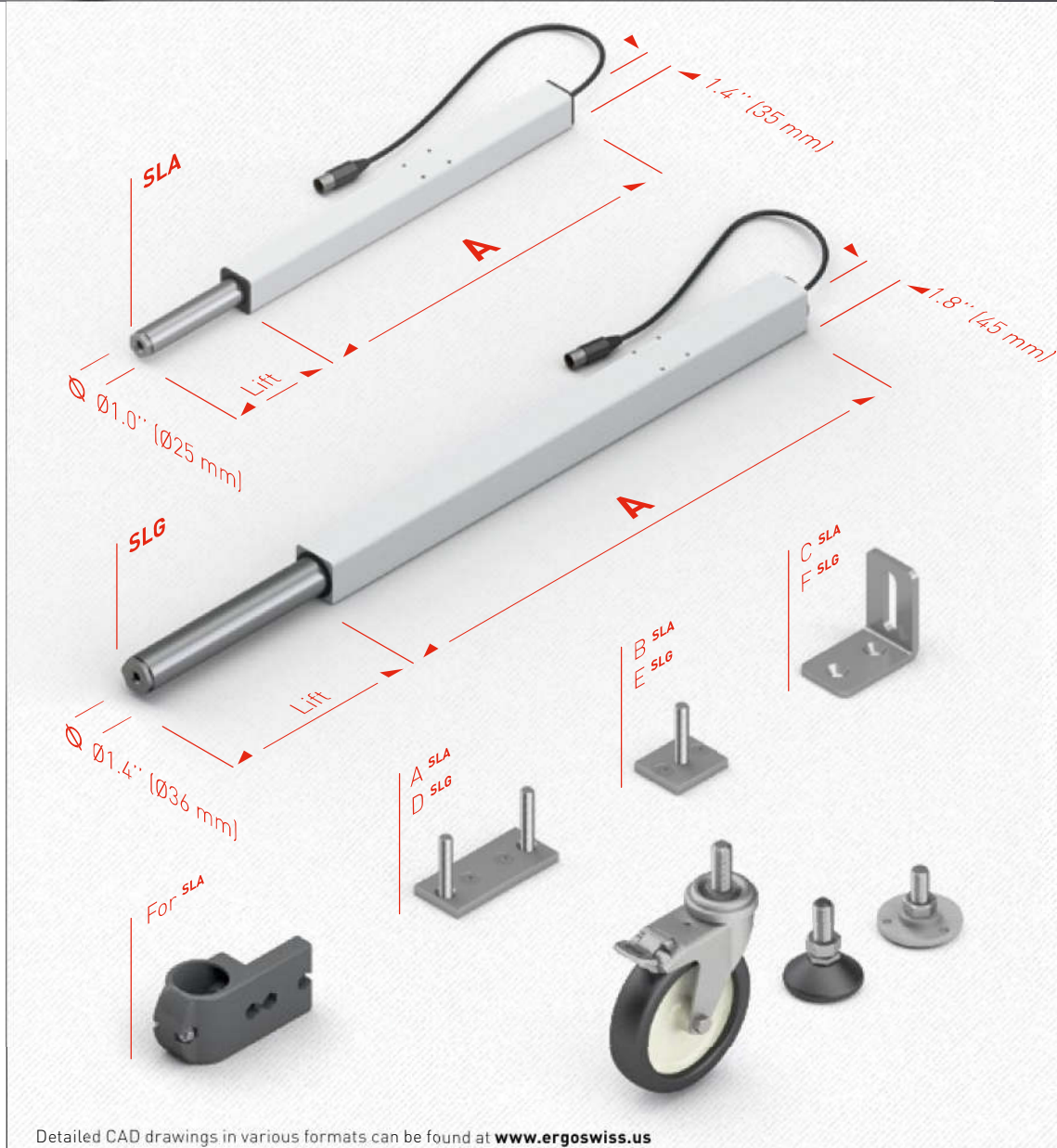
The linear units **SLA** and **SLG** are used in places where a work surface needs to be adjusted to the right ergonomic height. Existing work stations can simply be retrofitted. The systems fit perfectly into the 1.6" x 1.6" (40x40 mm) and 2" x 2" (50x50 mm) steel profiles which are often used as support elements and legs for work stations.

Compared to the linear unit **SLA** (cross section 1.4" x 1.4" or 35x35 mm), the linear unit **SLG** (cross section 1.8" x 1.8" or 45x45 mm) can absorb higher bending moments and is more stable at the same lifting distance.

- Tooling shop
- Machine industry
- Furniture industry



# Dimensions **SLA|SLG**



## Technical data

- Versatile linear guide rail with **internal** drive unit
- Compressive force per lifting element 337 lbf (1500 N) (**SLA/SLG**)
- Tensile force per lifting element 337 lbf (1500 N) (**SLA/SLG**)
- Please also note the maximum load of the entire system
- Synchronous control of 1 to 8 linear units
- Lifting speed 0.35"/s (9 mm/s)
- Stroke length 12" (300mm) or 16" (400 mm)
- **SLA** Mb stat. = 111 ft-lb (150 Nm)\*  
**SLG** Mb stat. = 148 ft-lb (200 Nm)\*
- **SLA** Mb dyn. = 37 ft-lb (50 Nm)\*\*  
**SLG** Mb dyn. = 59 ft-lb (80 Nm)\*\*
- No additional guide rail is required
- Color: colorless anodized aluminum
- \* Mb stat. = max. permissible bending moment at a standstill
- \*\* Mb dyn. = max. permissible bending moment during lifting movement

Typ <b>SLA SLG</b>	<b>SLA SLG</b>	
	Lift	A
<b>SLA SLG</b> 1330	24" (600 mm)	12" (300 mm)
<b>SLA SLG</b> 1340	28" (700 mm)	16" (400 mm)

Detailed CAD drawings in various formats can be found at [www.ergoswiss.us](http://www.ergoswiss.us)