



Universal and compact

The linear unit consists of a cylinder and a linear guide rail and is a compact and robust lifting element. It can be installed directly onto or into existing objects. This means that a table or other devices can easily be equipped or retrofitted with a lifting system.

Four M5 screw threads are provided to mount the linear units **LA** and **LD**. M6 for **LG**.

The housing of the linear unit is a plain anodised aluminium profile. The stand pipe is made of stainless steel and positioned in a plastic bushing.

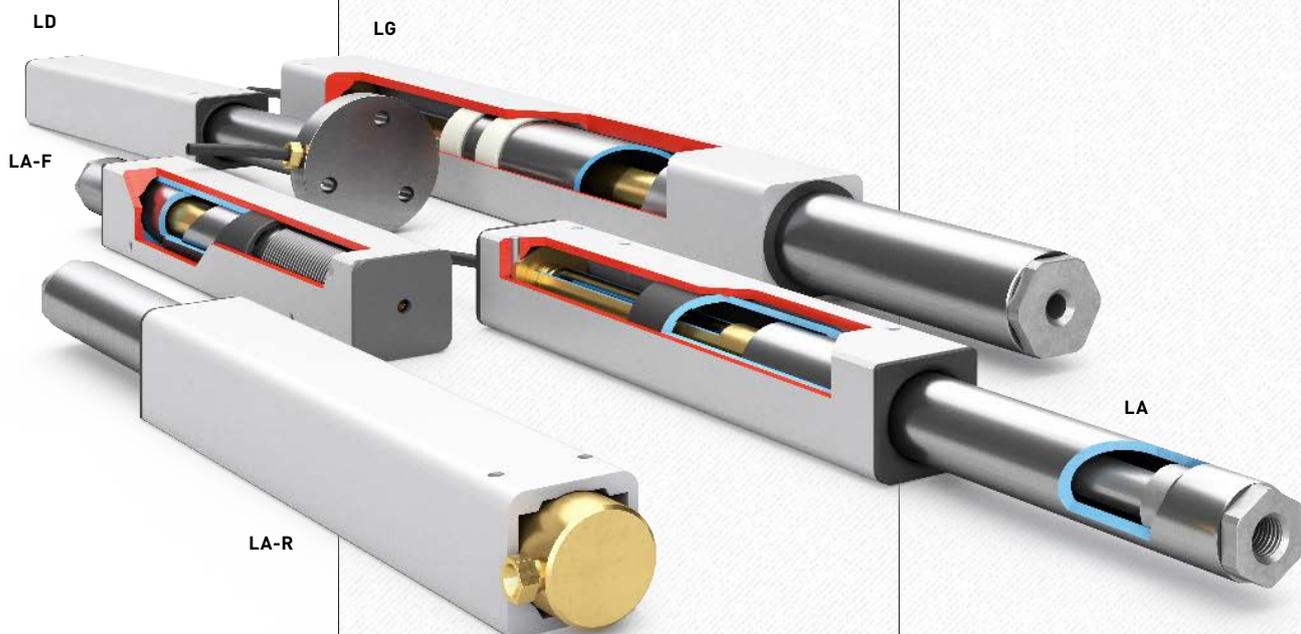
The linear unit is available in different versions:

- LA-R: radial tube outlet
- LA-F: with built-in restoring spring
- LA-RF: stainless steel version
- LA-ESD: ESD-compatible
- LA-V: with built-in hose rupture protection

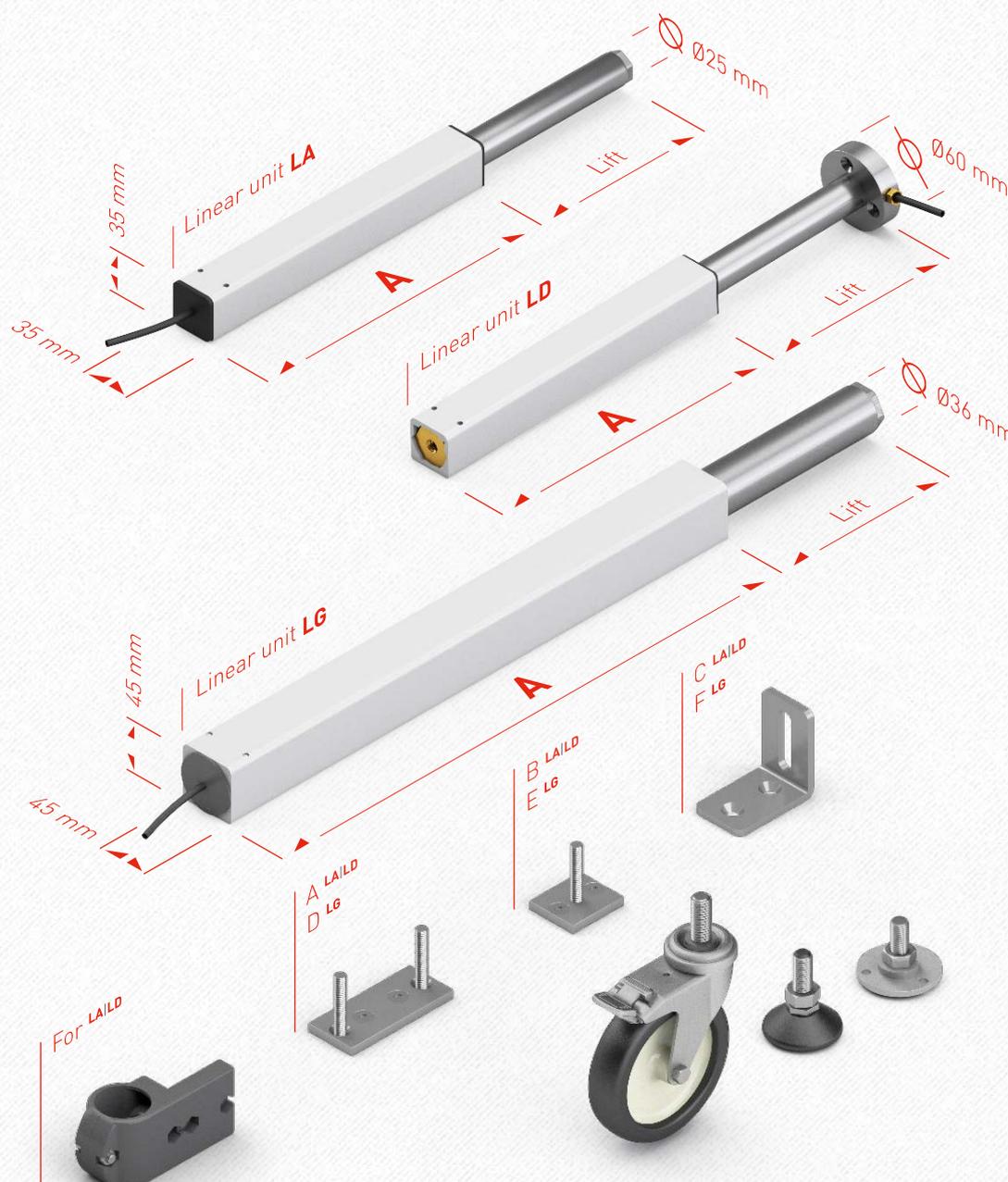
The height is adjusted by means of a hydraulic pump operated by a hand crank or an electric drive unit.

The following accessories are available:

- mounting plates allowing other assembly options for the linear units
- adjustable feet made of rubber or aluminium to compensate for uneven flooring
- Castor incl. brake (load 70 kg)



Dimensions of **LA|LD|LG**



Technical data

- Versatile linear guide rail with slide bearings
- The system power depends on the pump
- Load power per lifting element 1500 N (**LA/LD/LG 14**) 2500 N (**LA/LD/LG 18**)
- Lifting distance max. 700 mm
- Max. static bending moment $M_b = 150 \text{ Nm}$
- Max. dynamic bending moment $M_{b\text{dyn}} = 50 \text{ Nm}$
- Food-grade fluids can also be used
- No additional guide rail is required
- The linear units should not be exposed to tensile forces
- The linear unit is supplied with a 3-m hydraulic hose pre-fitted as standard
- Plain anodised aluminium

Type	LA	LD	LG
		Lift	A
LA/LD	1415	150	252 mm
LA/LD	1420	200	317 mm
LA/LD/LG	1430	300	442 mm
LA/LD/LG	1440	400	542 mm
LA/LD	1450	500	667 mm
LA/LD	1460	600	767 mm
LA/LD	1470	700	867 mm

Detailed CAD drawings in various formats can be found at www.ergoswiss.com