



Elegant and powerful

The lifting column **SL** consists of two colourless anodised aluminium profiles, guided by plastic gliders. Each lifting column has an **internal** motor that drives a threaded spindle. The cable length is 1.8 metres.

The T-slots on 3 sides (width 8 mm) of the lifting column allow the addition of crossbars, shelves, attachments and mountings.

Up to 3 lifting columns can be connected to one control unit. When a maximum of 4 control units are synchronised, up to 12 lifting columns can be operated synchronously.

The choice of system load defines the type of control unit (see system combination).

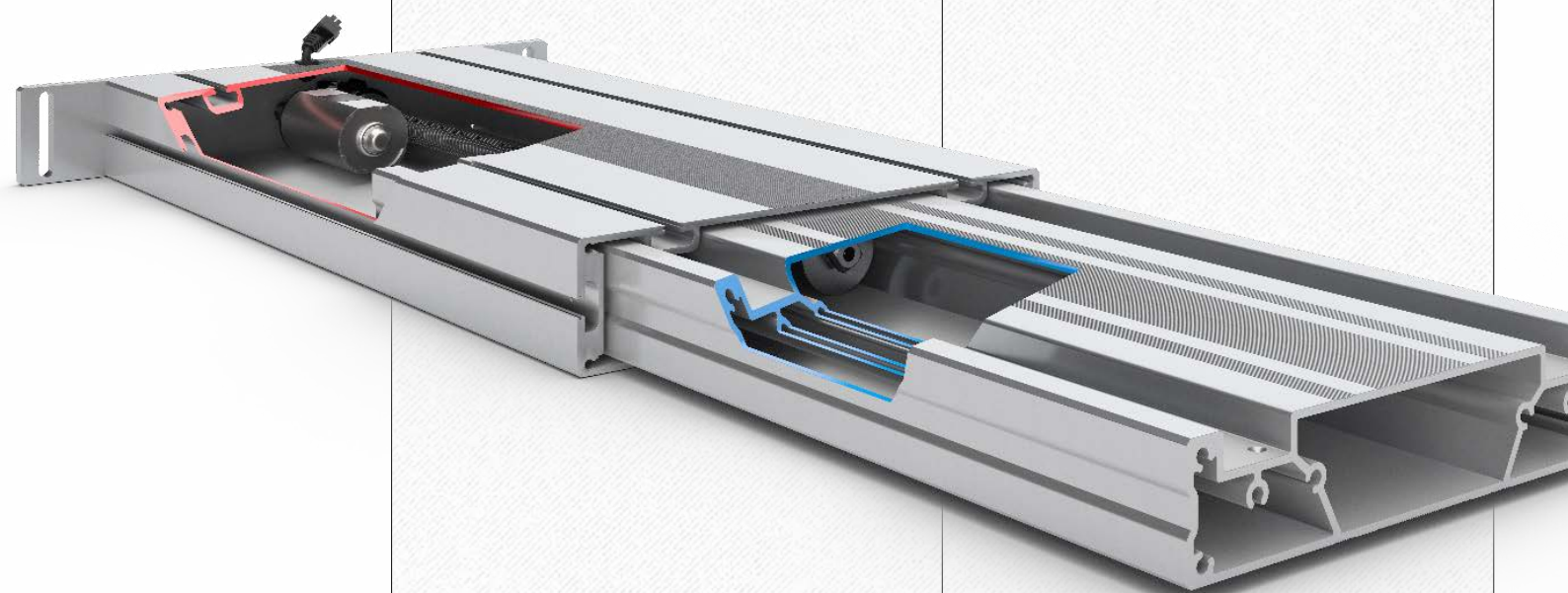
Application

The **SL** is available as a lifting system (lifting column and control unit) or as a complete base frame.

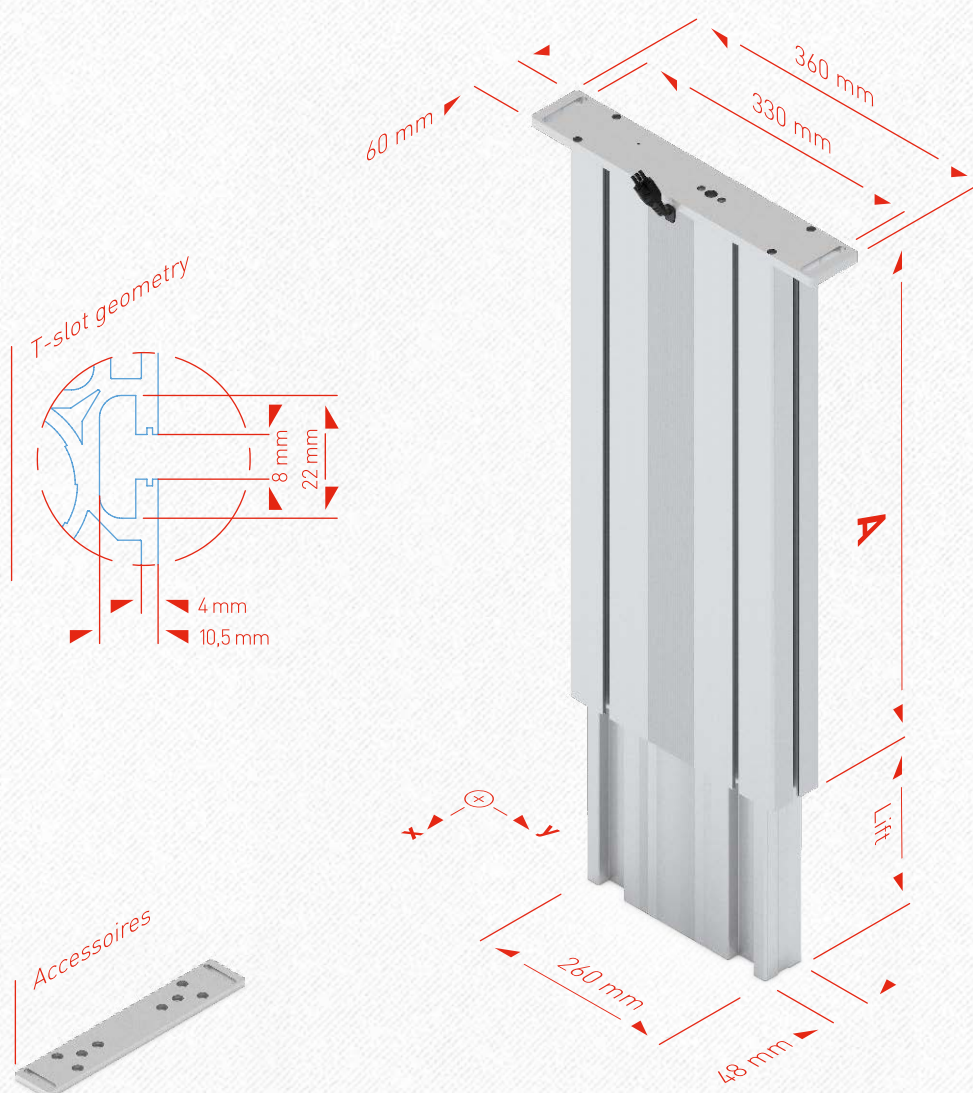
The system **SL** can be used for assembly tables, in assembly units, for office desks, height-adjustable beds and bathtubs and for general use in furniture construction and mechanical engineering.

The following accessories are available:

- telescopic crossbar
- table feet with adjustable rubber feet
- base plates
- option: ESD (electrostatic discharge) version



Dimensions **SL**



Technical data

- Versatile lifting column with **internal** drive unit
 - System loads:
 - 1 **SL**: 2000 N
 - 2 **SL**: 4000 N (6000 N)
 - 3 **SL**: 4000 N (7500 N)
 - 4 **SL**: (10000 N)
 - Synchronous control of 1 to 12 (8) lifting columns
 - Lifting speed 12 mm/s (8.5 mm/s)***
 - Stroke length 300 or 400 mm
 - Mb_x stat. = 450 Nm*
Mb_y stat. = 1200 Nm*
 - Mb_x dyn. = 200 Nm**
Mb_y dyn. = 550 Nm**
 - Colour: colourless anodised aluminium
- * Mb stat. = max. permissible bending moment at a standstill
 ** Mb dyn. = max. permissible bending moment during lifting movement
 *** Lifting speed load dependent

Lifting column **SL**

	A	Lift
SL 1430 (1330)	530 mm	300 mm
SL 1440 (1340)	630 mm	400 mm

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



Flexible assembly

The base frame **SL** has been designed for fast and flexible assembly of tables.

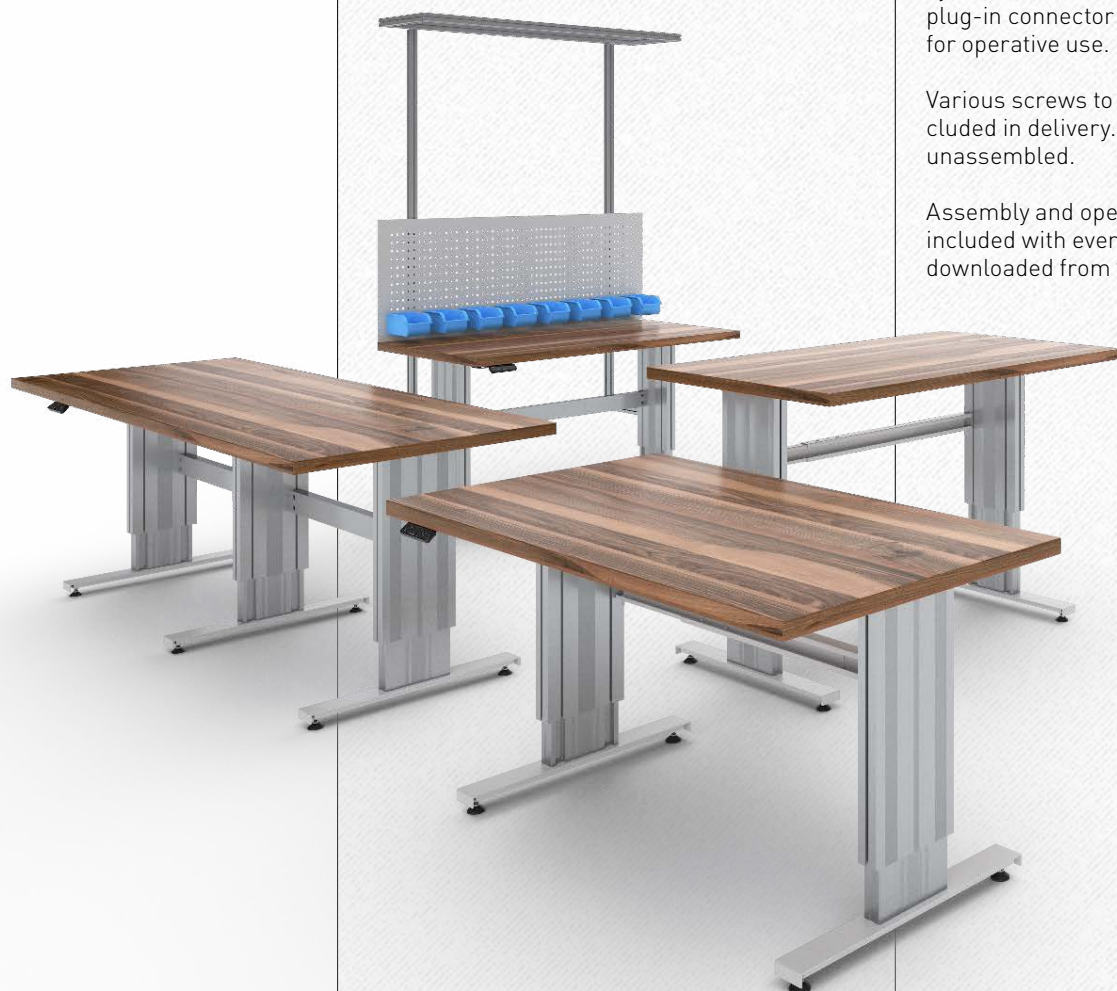
The maximum system load is 400 kg.
The adjustment range is 400 mm and the lifting speed 12 mm/s.

The base frame **SL** consists of 2 lifting columns, a crossbar and 2 table feet. The crossbars slide easily into the grooves of the lifting column and are clamped with an Allen key.

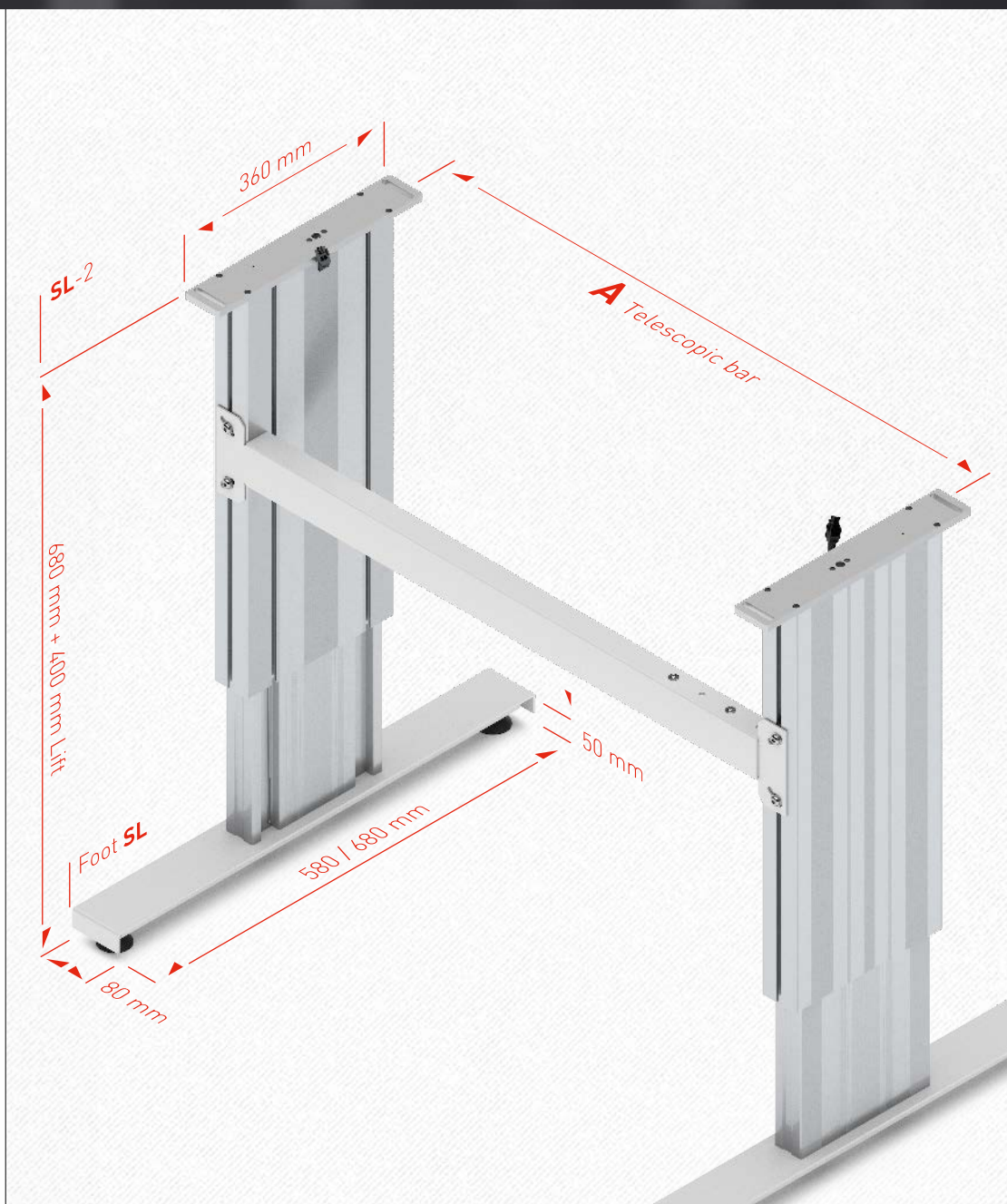
Both lifting columns are connected to the synchronous control system by means of a plug-in connector and are immediately ready for operative use.

Various screws to mount the table top are included in delivery. The base frame is delivered unassembled.

Assembly and operating instructions are included with every delivery. They can also be downloaded from www.ergoswiss.com.



Dimensions of base frame **SL**



Base frame **SL-2**

	A
SL-2	960 - 1610 mm

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

On request available:

- System load 6000 N (8.5 mm/s)
- Installation 580 mm (Stroke length 300 mm)

 You can also buy the **SL** base frame directly from our Online Shop!