



Slim and robust

The lifting column **SM** 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).

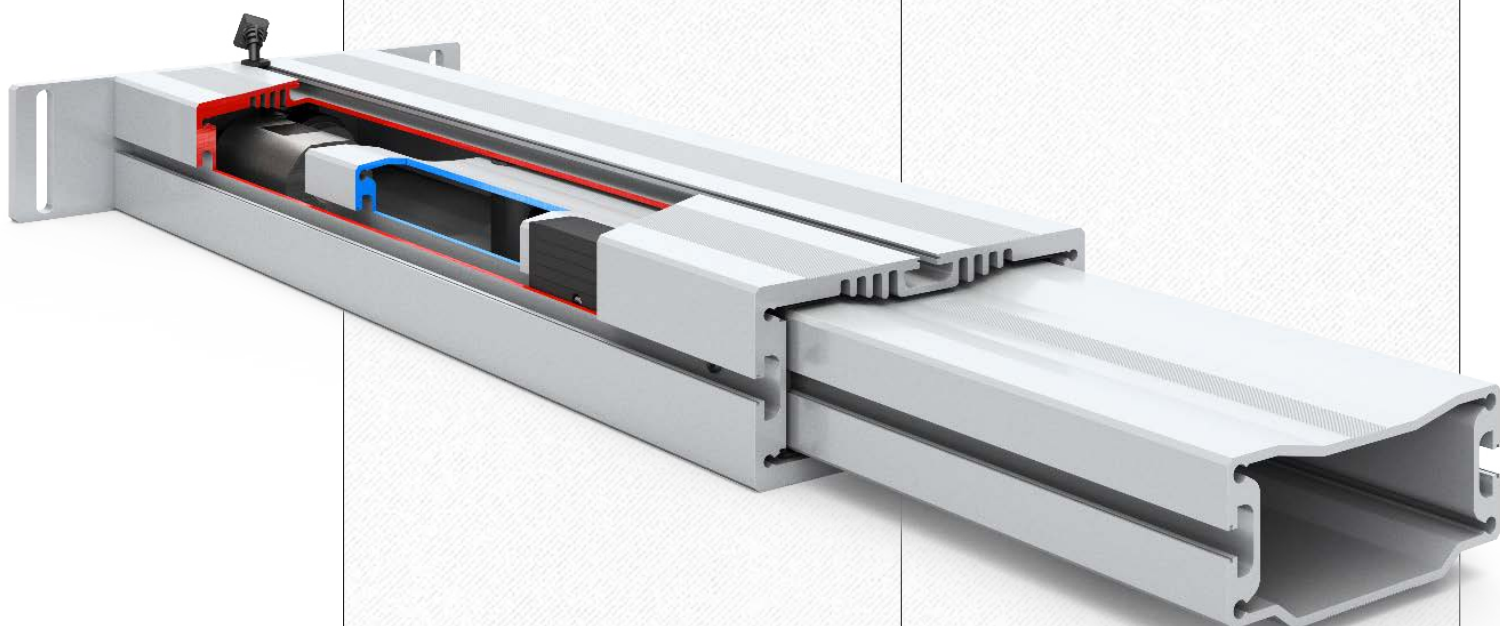
Application

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

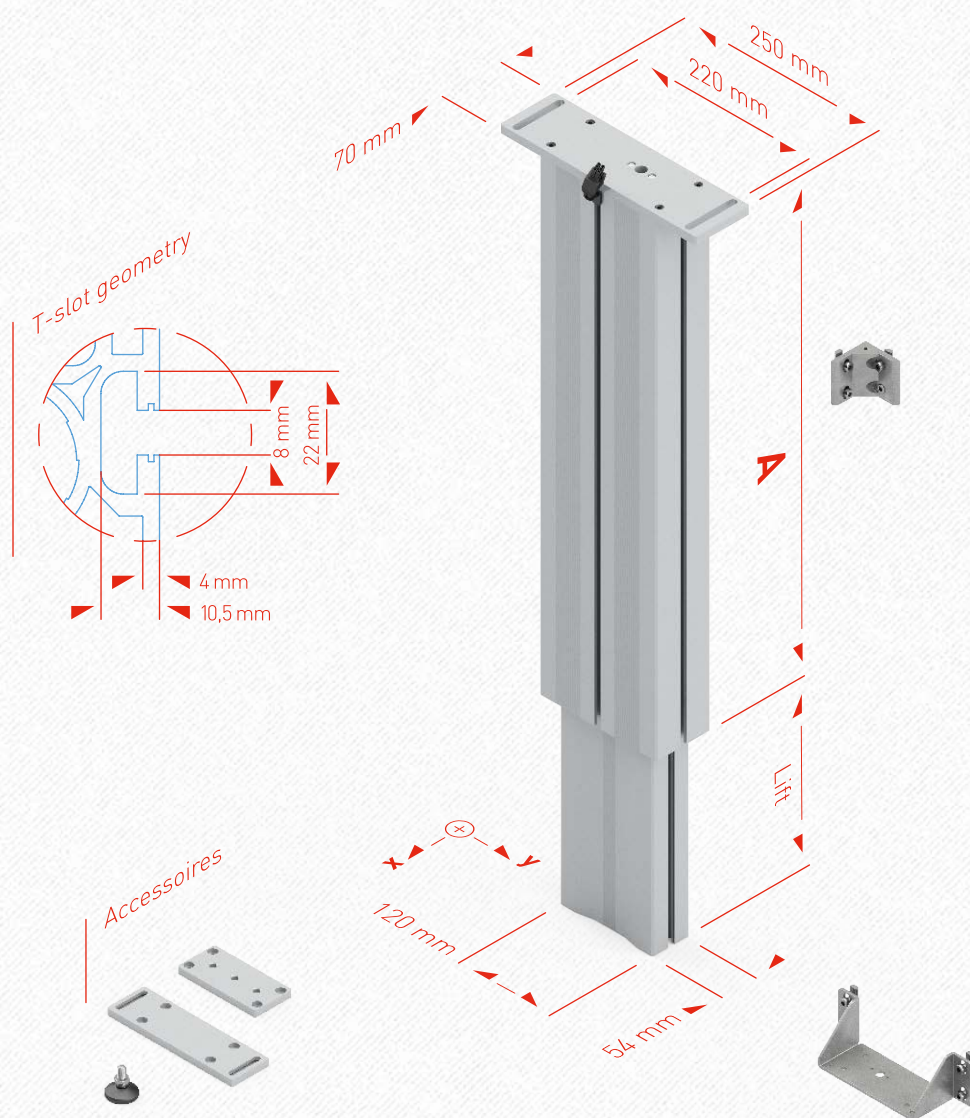
The system **SM** can be used for assembly tables, in assembly units, for office desks, height-adjustable beds and bathtubs and for general use in furniture construction and mechanical engineering.

The following accessories are available:

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



Dimensions **SM**



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 **SM**

	A	Lift
SM 1430 [1330]	530 mm	300 mm
SM 1440 [1340]	630 mm	400 mm

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



Combinable in a variety of ways

The base frame **SM-1** consists of a lifting column mounted on a table foot with adjustable feet. The lifting column **SM** is equipped with a table plate support which is used to attach a table top.

- including 1 control box and 1 manual control switch
- ideal as a lectern
- System load 200 kg (12 mm/s)



The base frame **SM-2** consists of two lifting columns each of which is mounted on a table foot with adjustable feet. The columns are connected by a crossbar. Each lifting column **SM** is equipped with a table plate support which is used to attach the table top.

- including 1 control box and 1 manual control switch
- ideal as an office desk or light assembly table
- System load 400 kg (12 mm/s)

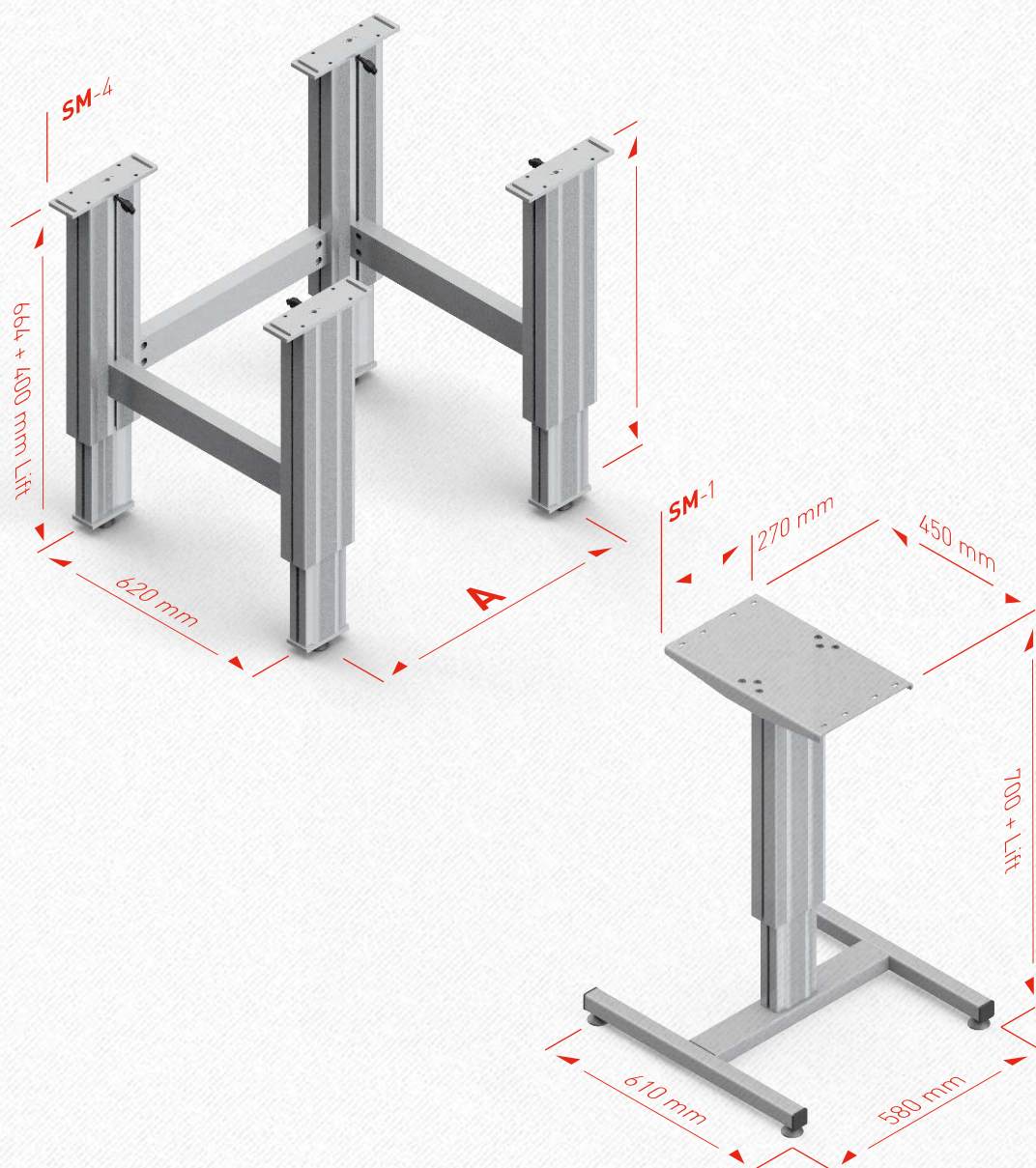
The base frame **SM-4** consists of four lifting columns arranged in a rectangle and connected by crossbars. The lifting columns are equipped with a foot plate including adjustable rubber feet. The table top is attached directly to the adapter plates of the lifting column **SM**.

- including 1 control box and 1 manual control switch
- ideal for stable workbenches
- system loads up to 1000 kg (8.5 mm/s) on request



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

Dimensions of base frame **SM**



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

Base frame **SM-4**

	A
SM-4	700 mm
SM-4	1100 mm
SM-4	1300 mm
SM-4	1700 mm

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

As option available:

- Installation 564 mm (Stroke length 300 mm)

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