



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).

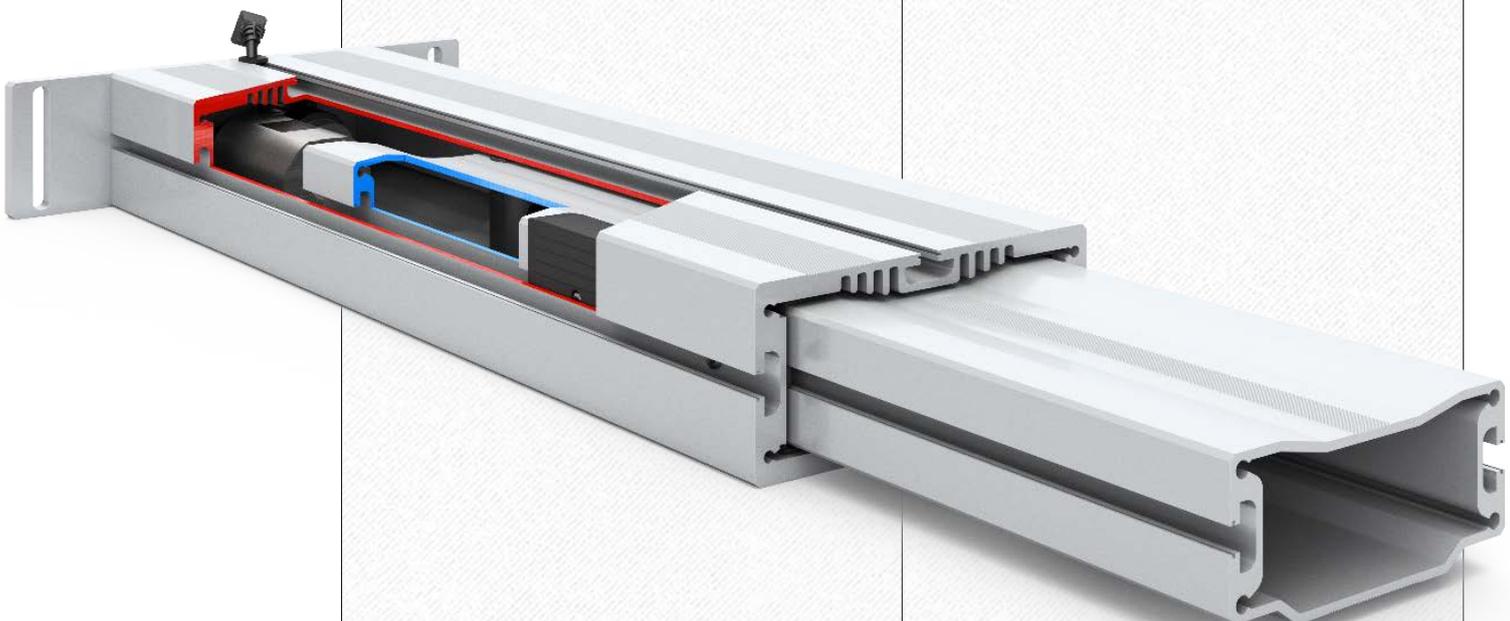
Application

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

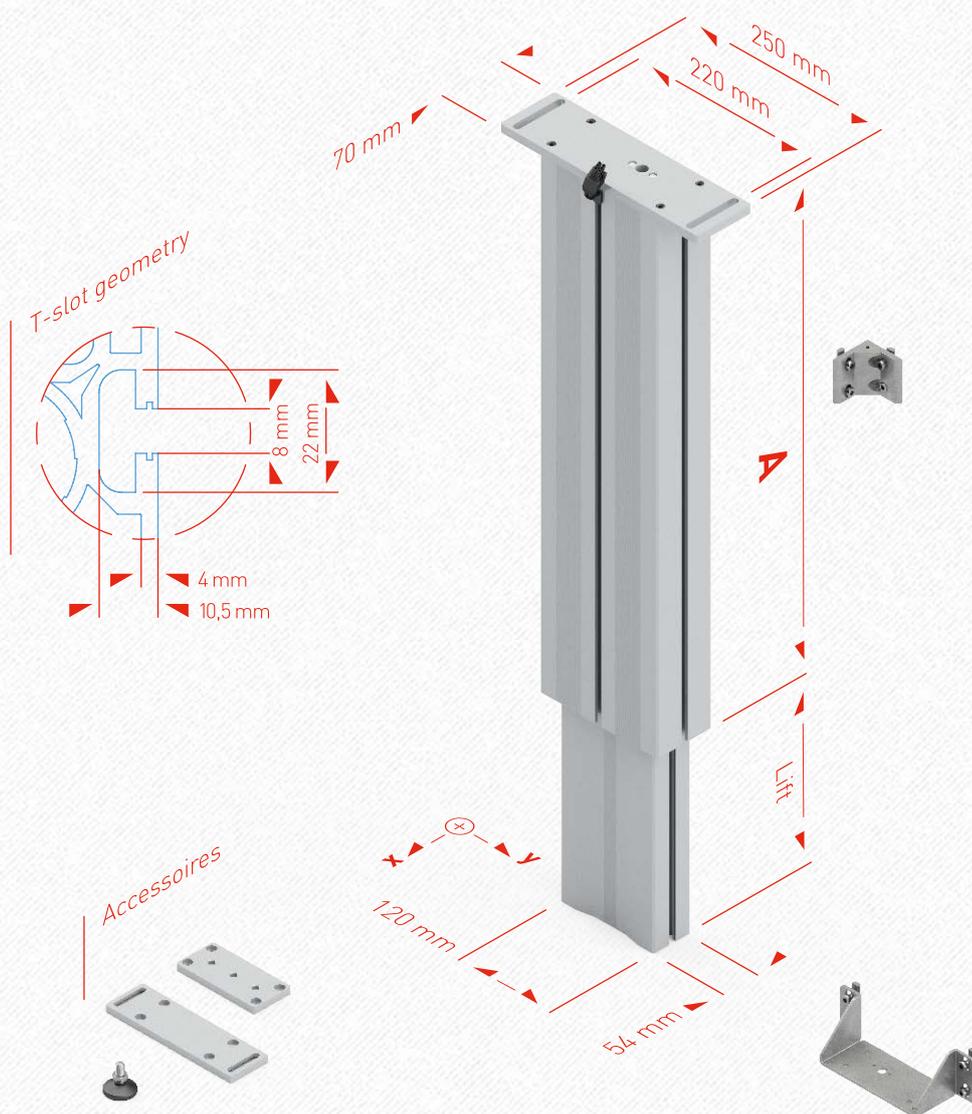
The system **SM** can be used for assembly tables, in assembly units, for office desks, height-adjustable beds and bathtubs and for general use in furniture construction and mechanical engineering.

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