



Elegant and powerful

The lifting column **SL** consists of colorless anodized aluminum profiles, guided by plastic gliders. Each lifting column has an **internal** motor that drives a threaded spindle. The cable length is 6ft (1.8 m).

The T-slots on 3 sides (width 0.3" or 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 syn-chronized, 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.

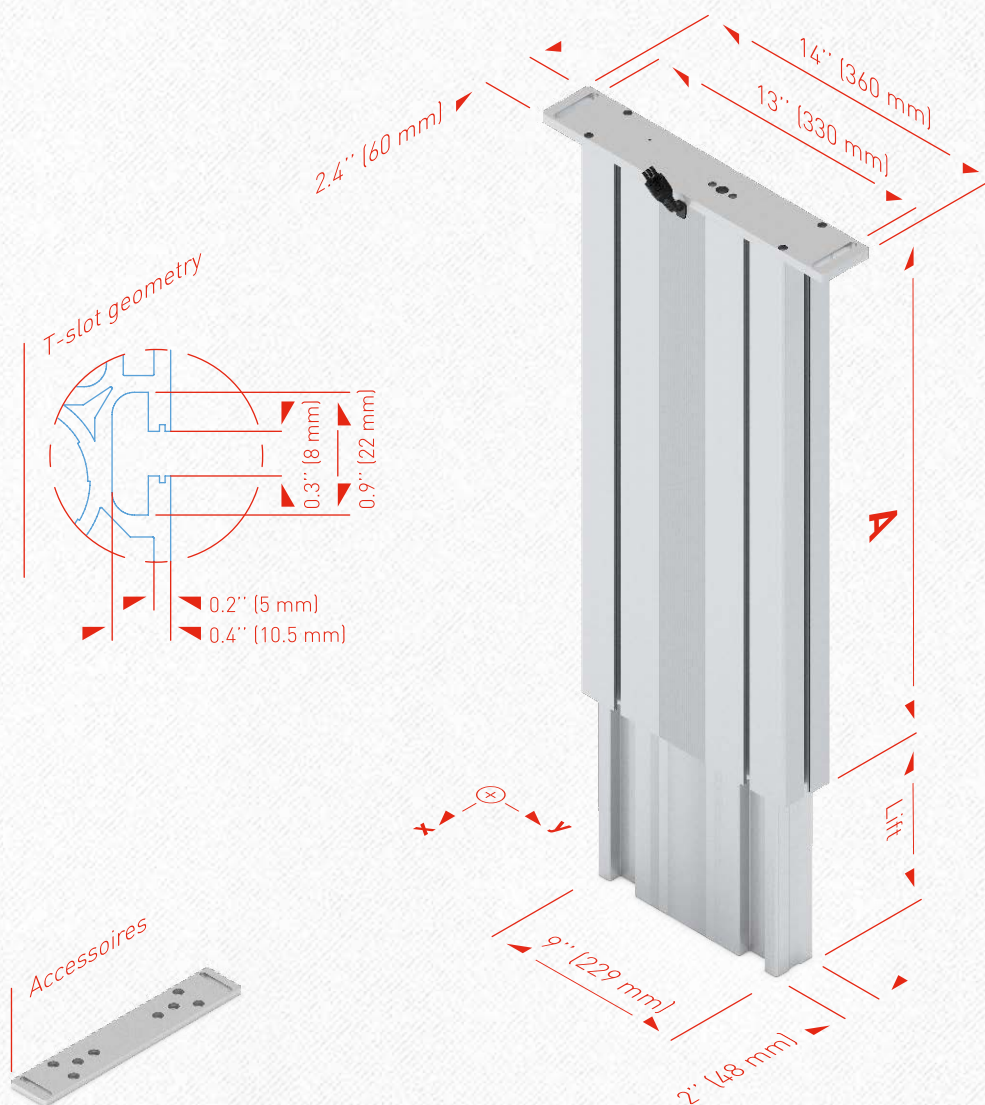
The system **SL** can be used for assembly tables, in assembly units, for office desks, height-adjustable beds and bathtubs and for general use in furniture construction and mechanical engineering.

The following accessories are available:

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

The crossbars are supplied with pre-fitted universal connectors. These can be pushed into the lifting column and clamped with a conical screw connection.

Dimensions **SL**



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

Technical data

- Versatile lifting column with **internal** drive unit
- System loads:
 - 1 **SL**: 440 lbs (200 kg)
 - 2 **SL**: 880 lbs (400 kg)
 - 3 **SL**: 880 lbs (400 kg)
 - 4 **SL**: 2200 lbs (1 000 kg)
- Synchronous control of 1 to 12 (8) lifting columns
- Lifting speed 0.5"/s (12 mm/s)
- 0.33"/s (8.5 mm/s)
- Stroke length 12" (300mm) or 16" (400 mm)
- Mb_x stat. = 290 lbf ft (400 Nm)*
- Mb_y stat. = 880 lbf ft (1200 Nm)*
- Mb_x dyn. = 140 lbf ft (200 Nm)**
- Mb_y dyn. = 400 lbf ft (550 Nm)**
- Color: colorless anodized aluminum
- * 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)	21" (530 mm)	12" (300 mm)
SL 1440 (1340)	25" (630 mm)	16" (400 mm)



Flexible assembly

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

The maximum system load is 880 lbs (400 kg). The adjustment range is 16" (400 mm) and the lifting speed 0.5"/s (12 mm/s).

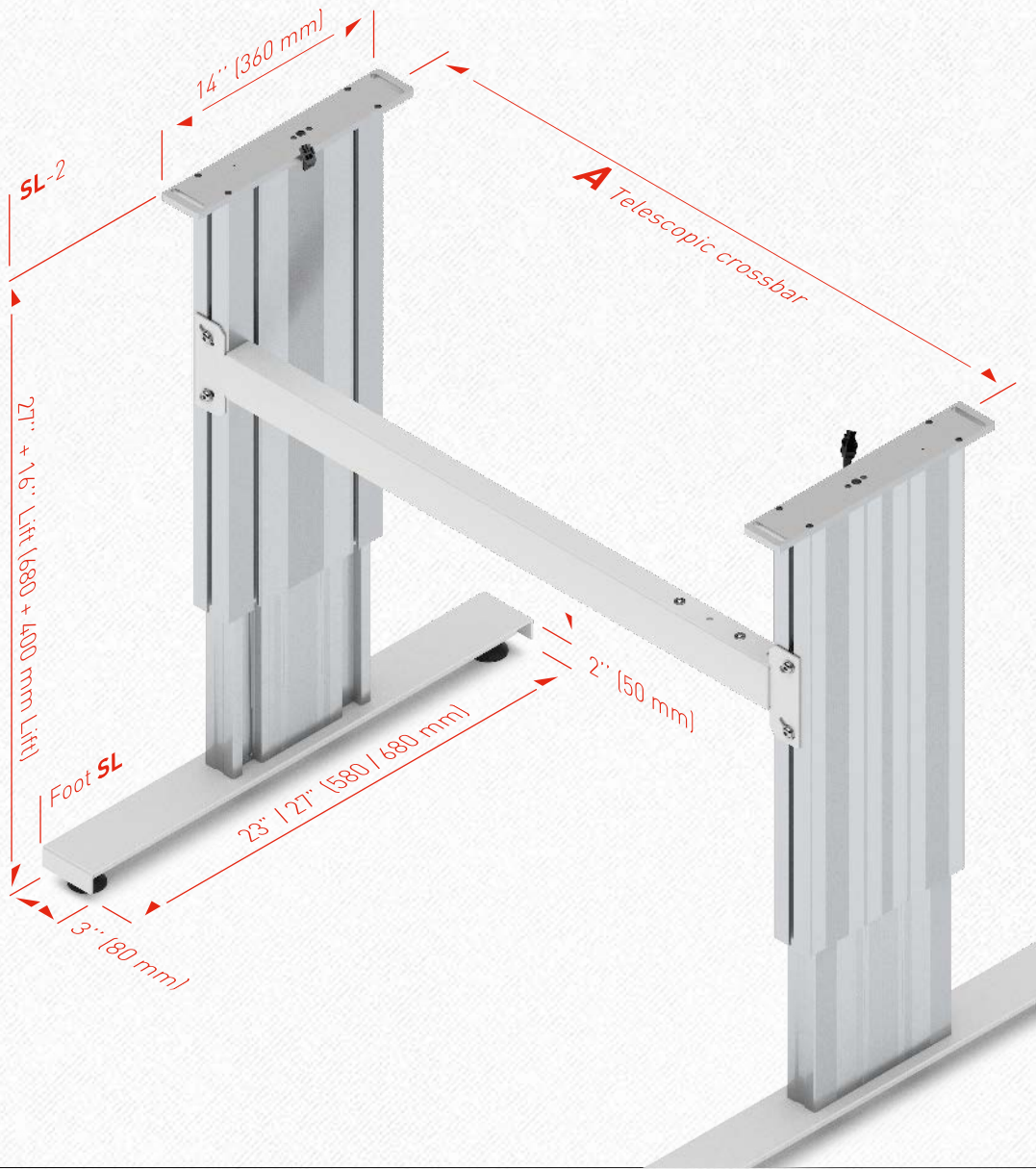
The base frame **SL** consists of 2 lifting columns, a crossbar and 2 table feet. The crossbars slide easily into the grooves of the lifting column and are clamped with an Allen key.

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.us**.

Dimensions of base frame **SL**



Base frame **SL-2**

SL-2	A 37.8" – 63.4" (960 - 1610 mm)
-------------	---

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

- As option available:
- System load 1320 lbs (600 kg) and lifting speed 0.33"/s (8.5 mm/s)
 - Installation 23" (580 mm) and stroke length 12" (300 mm)



Slim and robust

The lifting column **SM** consists of two colorless anodized aluminum profiles, guided by plastic gliders. Each lifting column has an **internal** motor that drives a threaded spindle. The cable length is 6ft (1.8 m).

The T-slots on 3 sides (width 0.3" or 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 syn-chronized, up to 12 lifting columns can be operated synchronously.

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

Application

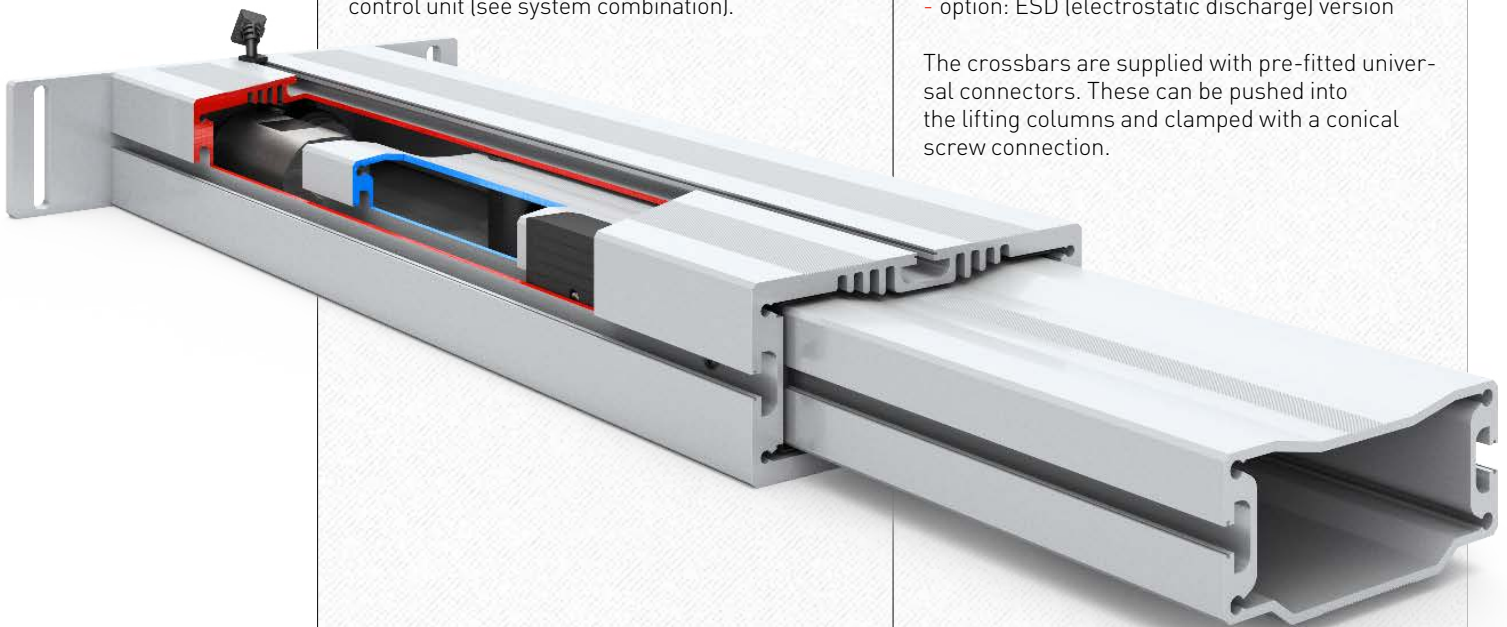
The **SM** is available as a lifting system (lifting column and control unit) or as a complete base frame.

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.

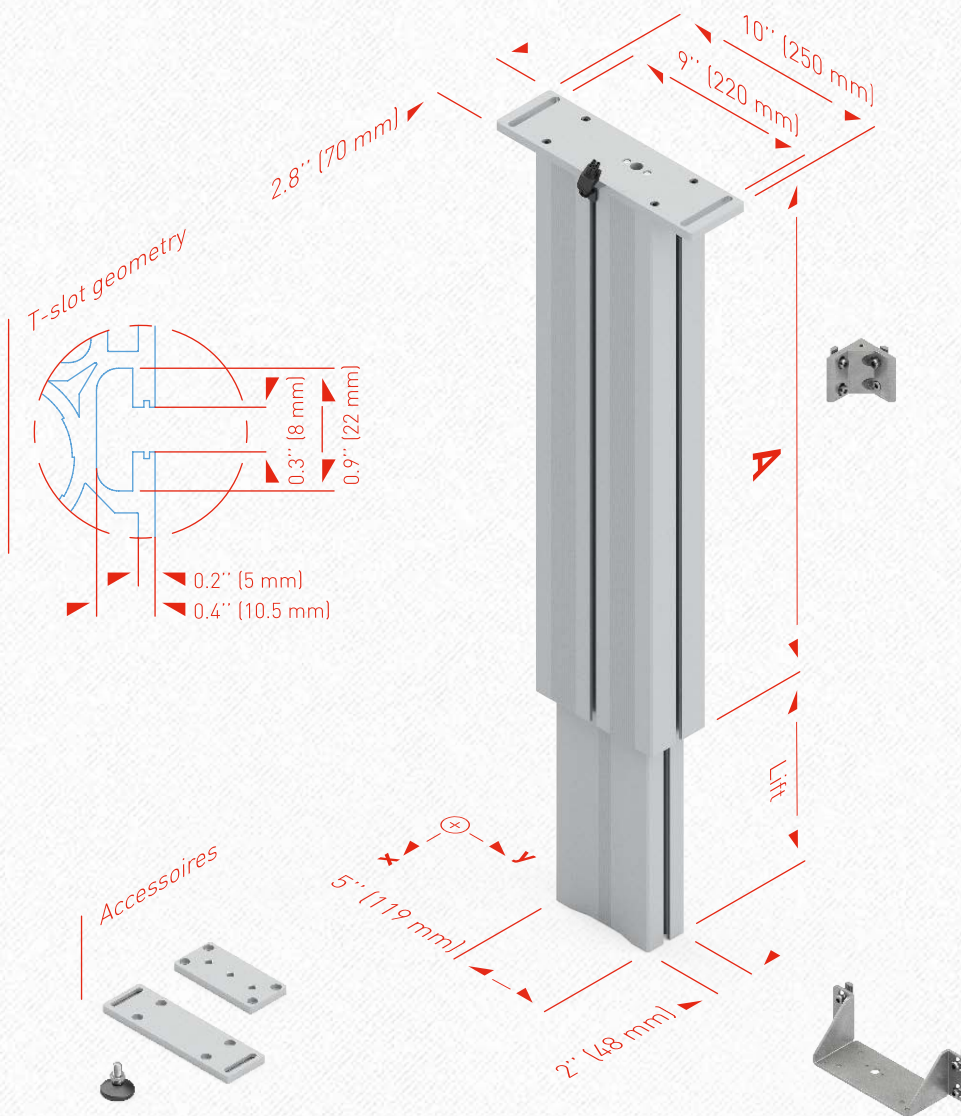
The following accessories are available:

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

The crossbars are supplied with pre-fitted universal connectors. These can be pushed into the lifting columns and clamped with a conical screw connection.



Dimensions **SM**



Technical data

- Versatile lifting column with **internal** drive unit
- System loads:
 - 1 **SM**: 440 lbs (200 kg)
 - 2 **SM**: 880 lbs (400 kg)
 - 3 **SM**: 880 lbs (400 kg)
 - 4 **SM**: 2200 lbs (1000 kg)
- Synchronous control of 1 to 12 (8) lifting columns
- Lifting speed 0.5"/s (12 mm/s) 0.33"/s (8.5 mm/s)***
- Stroke length 12" (300mm) or 16" (400 mm)
- Mb_x stat. = 250 lbf ft (350 Nm)*
- Mb_y stat. = 660 lbf ft (900 Nm)*
- Mb_x dyn. = 110 lbf ft (150 Nm)**
- Mb_y dyn. = 330 lbf ft (450 Nm)**

Color: colorless anodized aluminum

- * 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)	20.9"	11.8"
SM 1440 (1340)	24.8"	15.7"

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



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 440 lbs (200 kg) at 0.5"/s (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 880 lbs (400 kg) at 0.5"/s (12 mm/s)

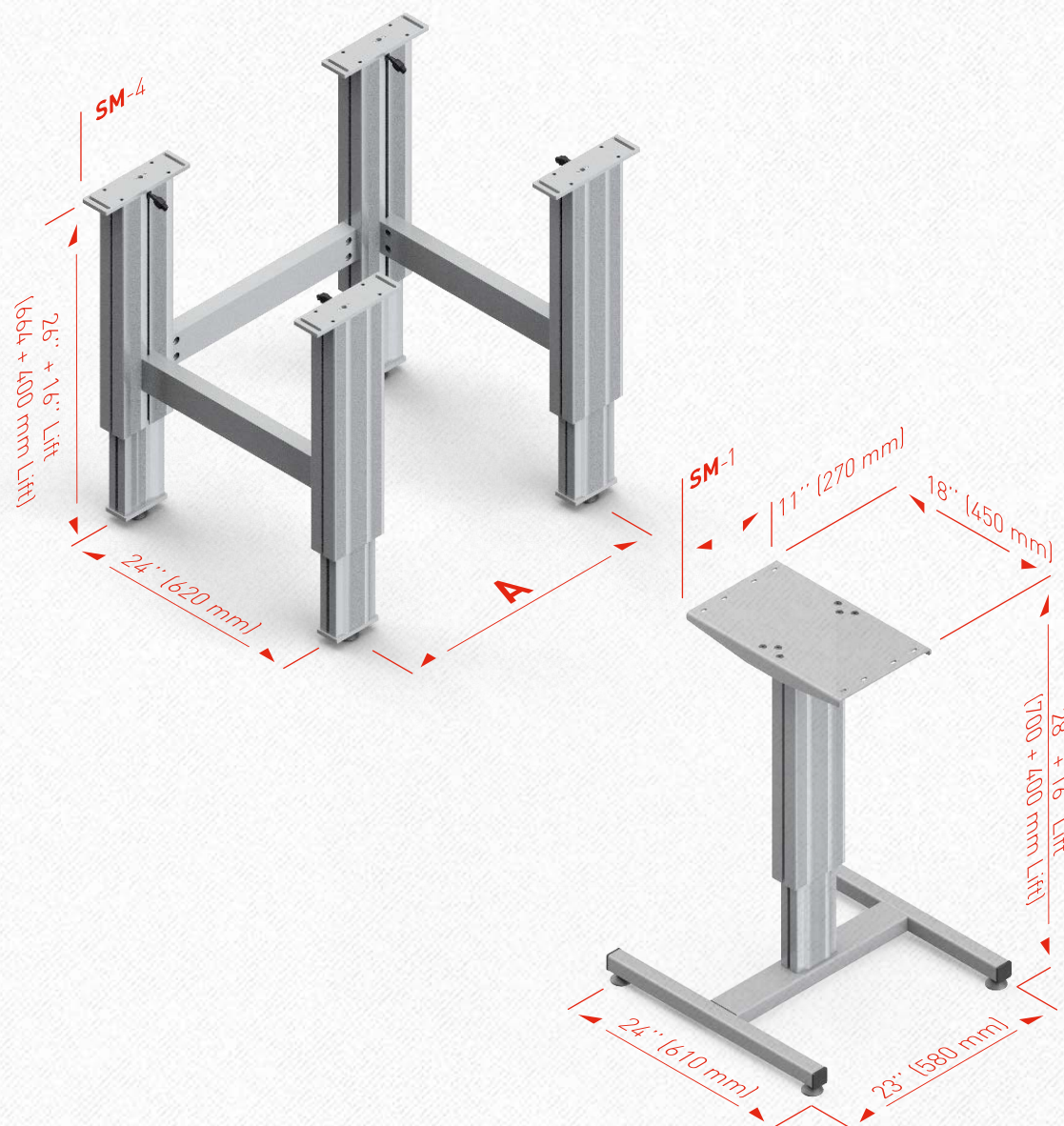
The base frame **SM-4** consists of four lifting columns arranged in a rectangle and connected by crossbars. The lifting columns are equipped with a foot plate including adjustable rubber feet. The table top is attached directly to the adapter plates of the lifting column **SM**.

- including 1 control box and 1 manual control switch
- ideal for stable workbenches
- system loads up to 2200 lbs (1'000 kg) at 0.33"/s (8.5 mm/s) on request



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

Dimensions of base frame **SM**



Base frame **SM-4**

	A
SM-4	28" (700 mm)
SM-4	39" (1000 mm)
SM-4	51" (1300 mm)
SM-4	67" (1700 mm)

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

As option available:

- System load 1320 lbs (600 kg) and lifting speed 0.33"/s (8.5 mm/s)
- Installation 22" (570 mm) and stroke length 12" (300 mm)

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