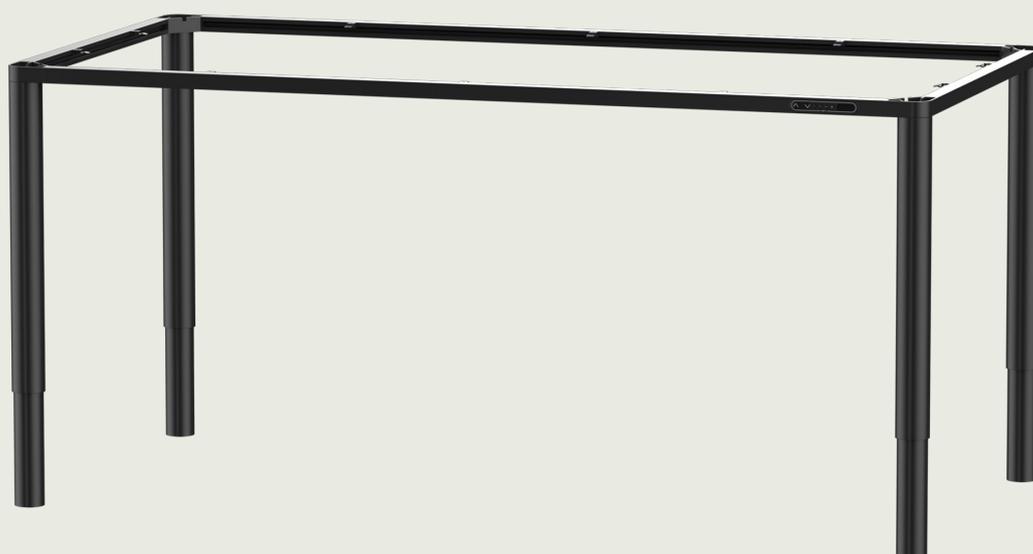
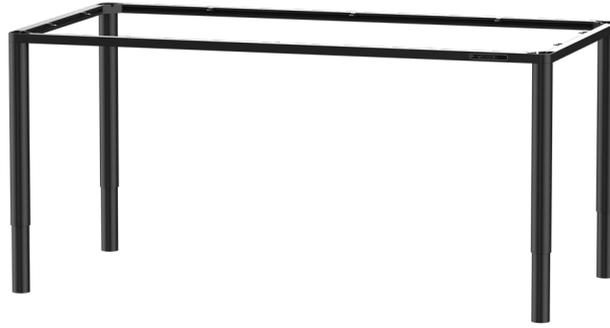


Desk Frame 4 (DF4)

Data Sheet





The Desk Frame 4 (DF4) is an elegant frame solution designed to create modern 4-legged height-adjustable tables that fit into any home and professional office. The DF4 features four round lifting column legs (Ø63.5 mm) in an upside-down configuration, ensuring a sleek appearance. The compact 30 mm top frame delivers a light look while providing full structural stability.

The control unit is fully integrated into the frame, eliminating the need for tabletop cutouts or under-table drilling.

Integrated cable clips, which also function as fixtures for the tabletop, ensure easy cable management to keep workspaces organized and easy to maintain.

The DF4 features:

- two frame sizes: 800 x 1600 mm and 900 x 1800 mm
- two colours: black and white
- speed: 38 mm/s
- load: maximum 2000 N on the frame (maximum 500 N per column)
- height adjustment: from 660 to 1160 mm

The DF4 is delivered as a set kit enabling efficient logistics and easy handling.

The DF4 is equipped with our standard Control Box CBD6S, which features ZERO™ ensuring that the system uses less than 0.1 W in standby mode.

Features/Options/Compatibility/Usage

Features

- Frame:
 - dimensions:
 - 800 x 1600 mm
 - 900 x 1800 mm
- Columns:
 - 2-part upside/down
 - round
 - Ø63.5 mm
 - PLUS™: Invisible gliding pads and a smooth outer profile with no punch marks
 - PIEZO™ (integrated anti-collision sensor)
- Colours (metal parts):
 - black (RAL 9005)
 - white (RAL 9016)
- Integrated desk panel (DPF1C):
 - collar for smooth transition between desk panel and rail
 - display with white LED
 - up/down drive; 3 memory positions
 - black or white
 - cm or inch
- Control box CBD6S:
 - 300 W
 - 4 channels
 - black



The frame is slightly smaller than 800 x 1600 mm / 900 x 1800 mm to ensure that the tabletop fully covers the frame, see [Dimension drawings](#).

Compatibility

- Battery Box BA001

Usage

- Duty cycle:
10% \approx max. 60 seconds continuous use, followed by 540 seconds pause
- For indoor use in dry locations

Parameter	Operation	Storage and transportation
Temperature	10 to 40 °C	-10 to +50 °C
Relative humidity	20% to 80% - non-condensing	20% to 80% - non-condensing
Atmospheric pressure	800 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	N/A



For system compliance, please refer to the Declaration of Conformity in the [User Manual](#) and to the [CBD6S Data Sheet](#).



All cables for creating a fully connected DESKLINE® system must be ordered separately. We offer a range of different versions and lengths. To get information such as ordering number, and colour and length of the cables, please contact your local LINAK.

Ordering

A complete DF4 consists of 3 parts:

- Rails set (2 long rails and 2 short rails)
- Columns sets (2 sets of 2 columns)
- Set kit (including all electronic parts, cables, frame corners, and a mounting kit)

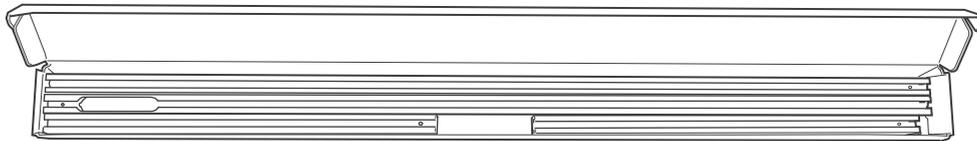


One of the long rails has a cut-out for the desk panel. This rail can be flipped to have the desk panel located either to the right or to the left of the desk.

Article numbers

Article numbers for a variety of DF4 parts exists.

Rails set

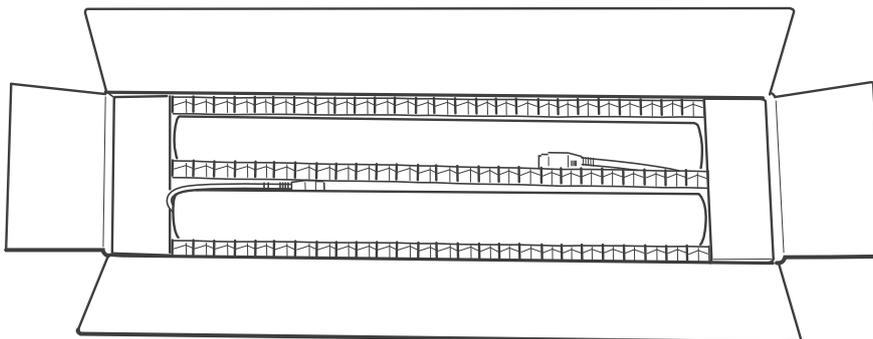


The following DF4 rail set article numbers have been created:

Article number	Colour	Long rail (mm)	Short rail (mm)
DF4RS0001	Black (RAL 9005)	1600	800
DF4RS0002	White (RAL 9016)	1600	800
DF4RS0003	Black (RAL 9005)	1800	900
DF4RS0004	White (RAL 9016)	1800	900

Weight per rail set box: approximately 3.1 kg

Columns set



The following DF4 columns set article numbers have been created:

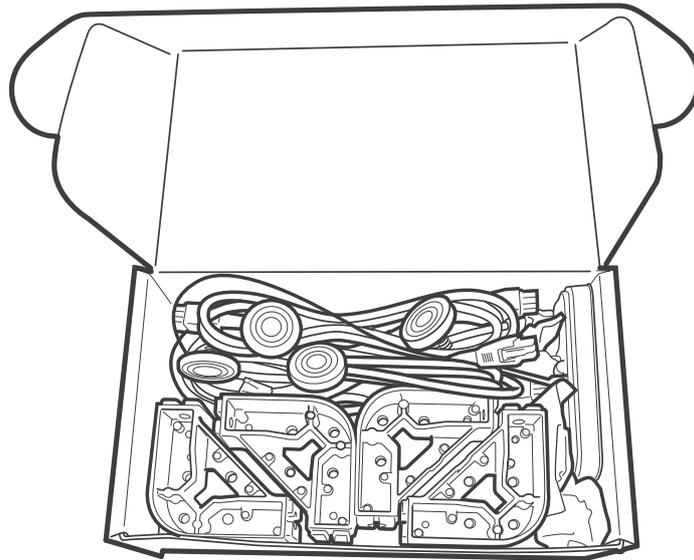
Article number	Colour
DF4LS0001	Black (RAL 9005)
DF4LS0002	White (RAL 9016)



Remember to order 2 columns sets per DF4.

Weight per columns set box (2 columns): approximately 11.2 kg

Set kit



The following DF4 set kit article numbers have been created:

Article number	Colour	Desk panel	Desk panel unit	Mains cable
DF4KS0001	Black (RAL 9005)	DPF1C	cm	EU; 3200 mm; PVC-free
DF4KS0002	White (RAL 9016)	DPF1C	cm	EU; 3200 mm; PVC-free
DF4KS0003	Black (RAL 9005)	DPF1C	inch	US; 3200 mm; PVC-free
DF4KS0004	White (RAL 9016)	DPF1C	inch	US; 3200 mm; PVC-free

Content

The set kit comprises the following items:

- 4 corners
- 4 adjustment screws (ø40 mm; M8x18)
- 1 control box (CBD6S, 4-channel, 300 W)
- 1 desk panel (DPF1C)
- 1 mains cable (optional)
- 4 motor cables (2 x 500 mm and 2 x 1550 mm)
- 12 mounting clips
- 1 mounting kit
 - 12 pan-head chipboard screws (4.5 x 20)
(for fastening the mounting clips to the tabletop)
 - 10 countersunk chipboard screws (5.0 x 45 mm)
(for mounting the frame corners and the control box to the tabletop)
 - 2 countersunk chipboard screws (4.0 x 20 mm)
(for mounting the desk panel)
 - 24 hex socket head cap (M6 x 16 mm)
(for mounting the corners to the columns and the rails to the corners)
 - 2 self-adhesive cable clips
(for managing the mains and the desk panel cables)

Weight per set kit box: approximately 2.2 kg

Technical data

Table size and type

The DF4 must be mounted centrally on the tabletop.



Recommended tabletop:

Material	Veneered chipboard (similar or better strength)
Thickness	Min 19 mm (3/4") - appropriate for the supplied mounting screws
Size	Min length: 1600 mm / 1800 mm
	Min depth: 800 mm / 900 mm



The frame is slightly smaller than 800 x 1600 mm / 900 x 1800 mm to ensure that the tabletop fully covers the frame, see [Dimension drawings](#).

Performance curve

The following data is measured when the desk is driving upwards.



The curve below apply to a centrally placed load. With moment load, there will be increased friction in the columns, which will reduce the lifting force correspondingly.

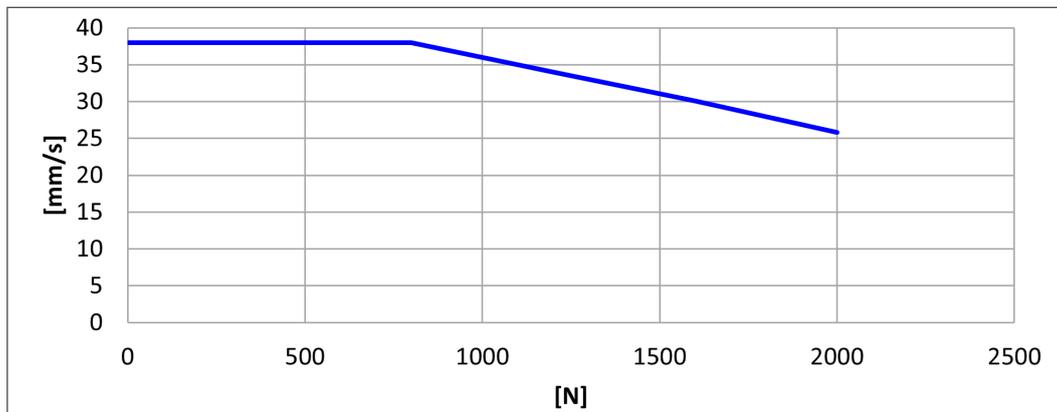
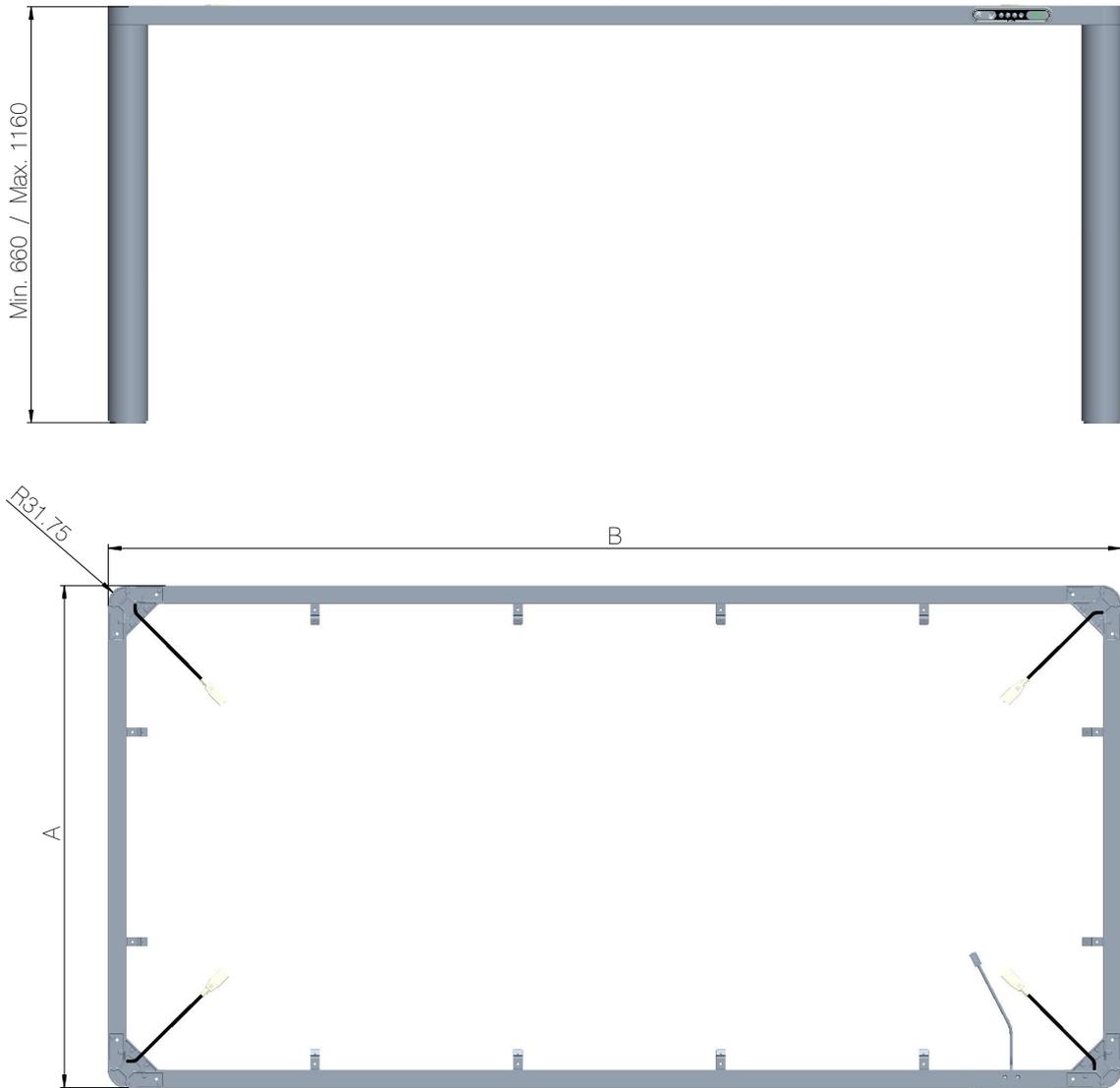


Figure 1 Desk Frame 4 performance

Dimension drawings



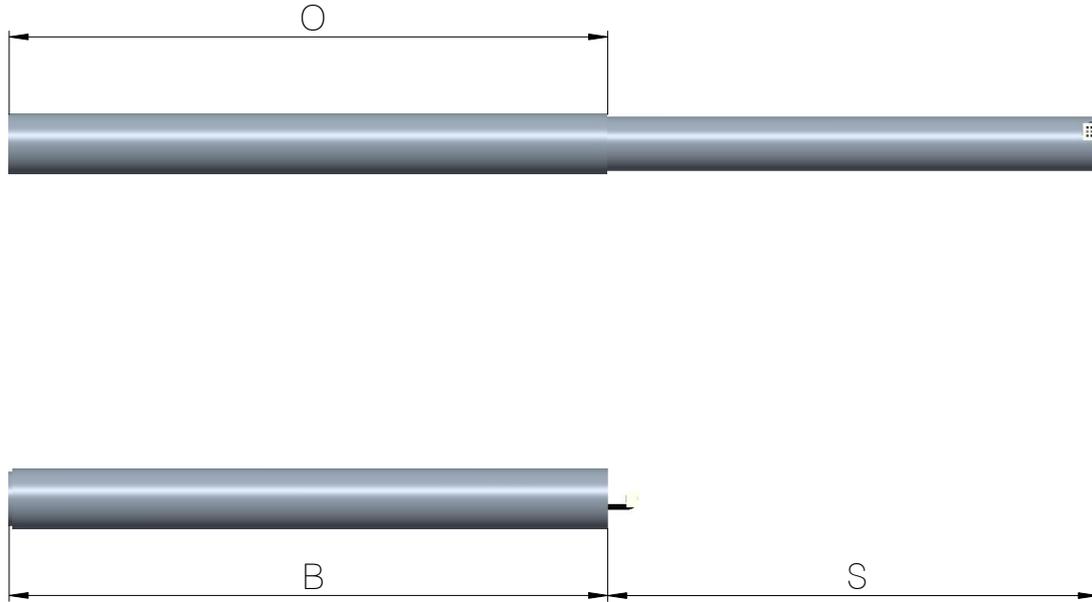
All dimensions are in mm.



Drawing no. 1103W4004

Version	A (width)	B (length)
Small desk	797	1597
Large desk	897	1797

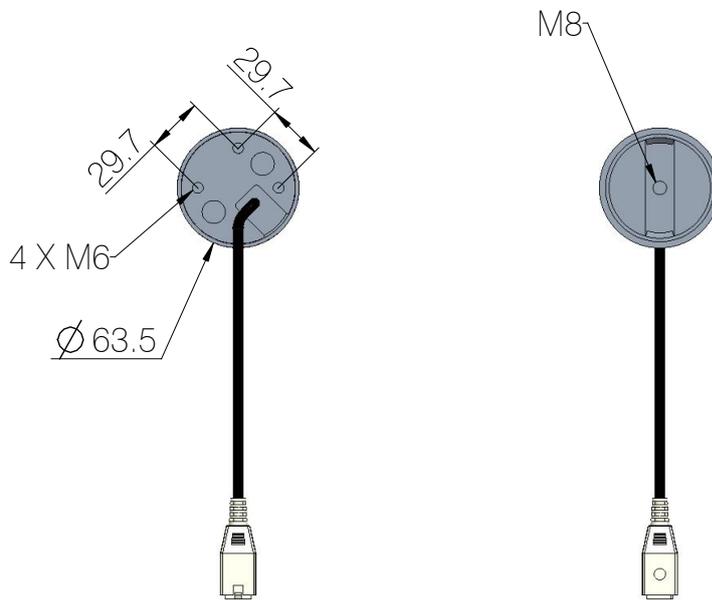
Figure 2 DF4 frame



Drawing no. 1103W4003

Version	Combination code	S (Stroke length)	B (Built-in length)	O (Outer profile length)
Standard	DF4LS14TXXXXXXXX500630	500	630	625

Figure 3 DF4 columns



Drawing no. 1103W4003

Figure 4 DF4 column top plate (left) and bottom plate (right)

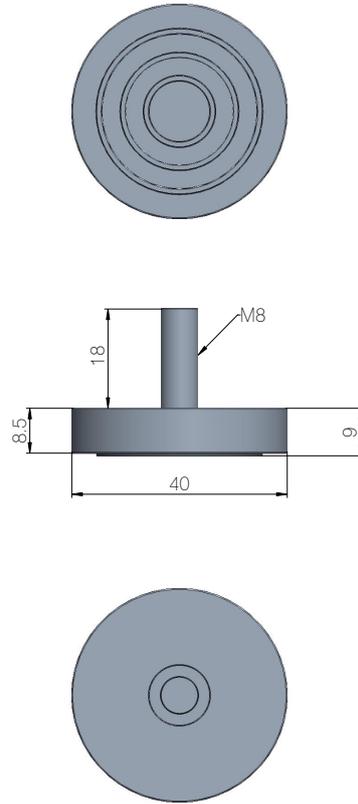


Figure 5 Adjustment screw

Drawing no.1037W4032

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