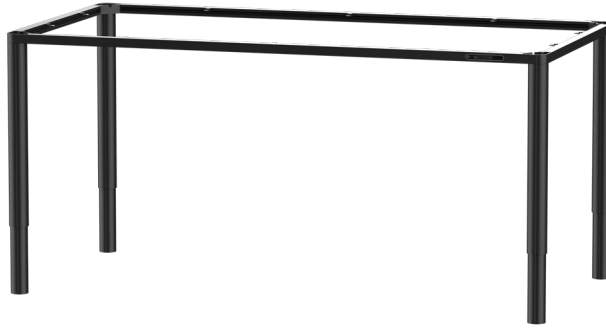


Desk Frame 4 (DF4)

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)

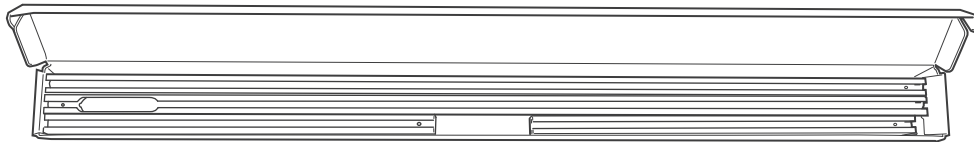


One of the long rails has a cut-out for the desk panel. This rail can be flipped to have the desk panel located either to the right or to the left of the desk.

Article numbers

Article numbers for a variety of DF4 parts exists.

Rails set

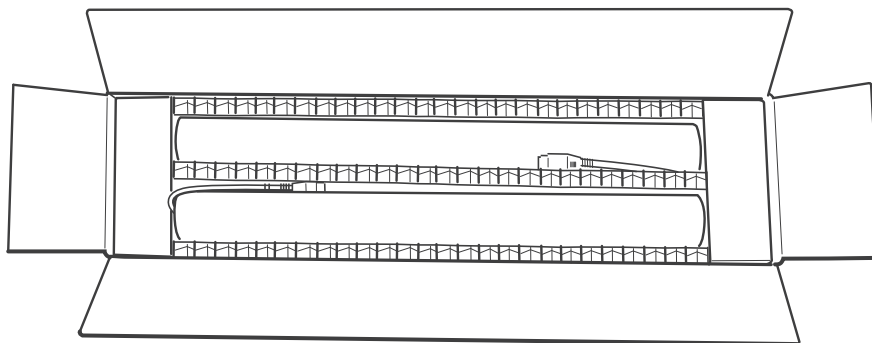


The following DF4 rail set article numbers have been created:

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:

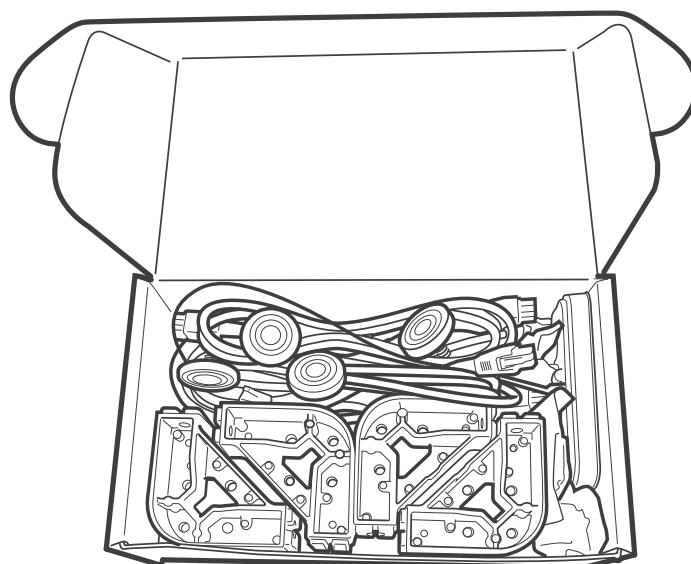
Article number	Colour
DF4LS0001	Black (RAL 9005)
DF4LS0002	White (RAL 9016)



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.

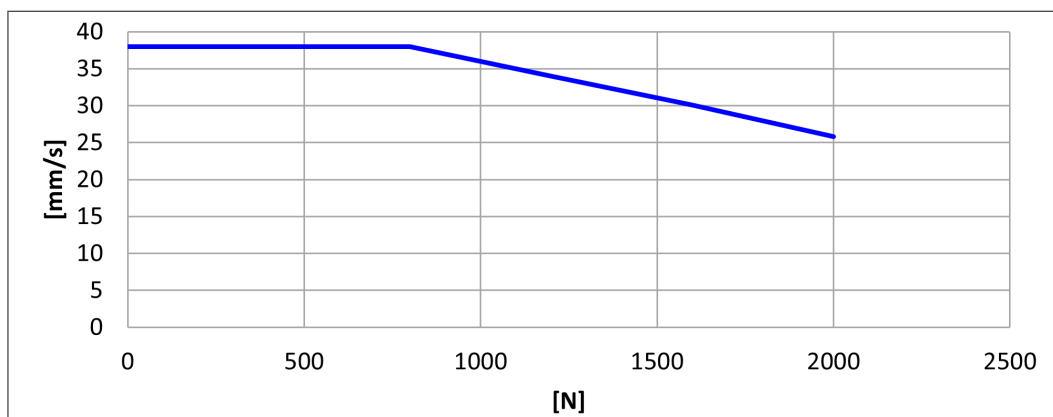
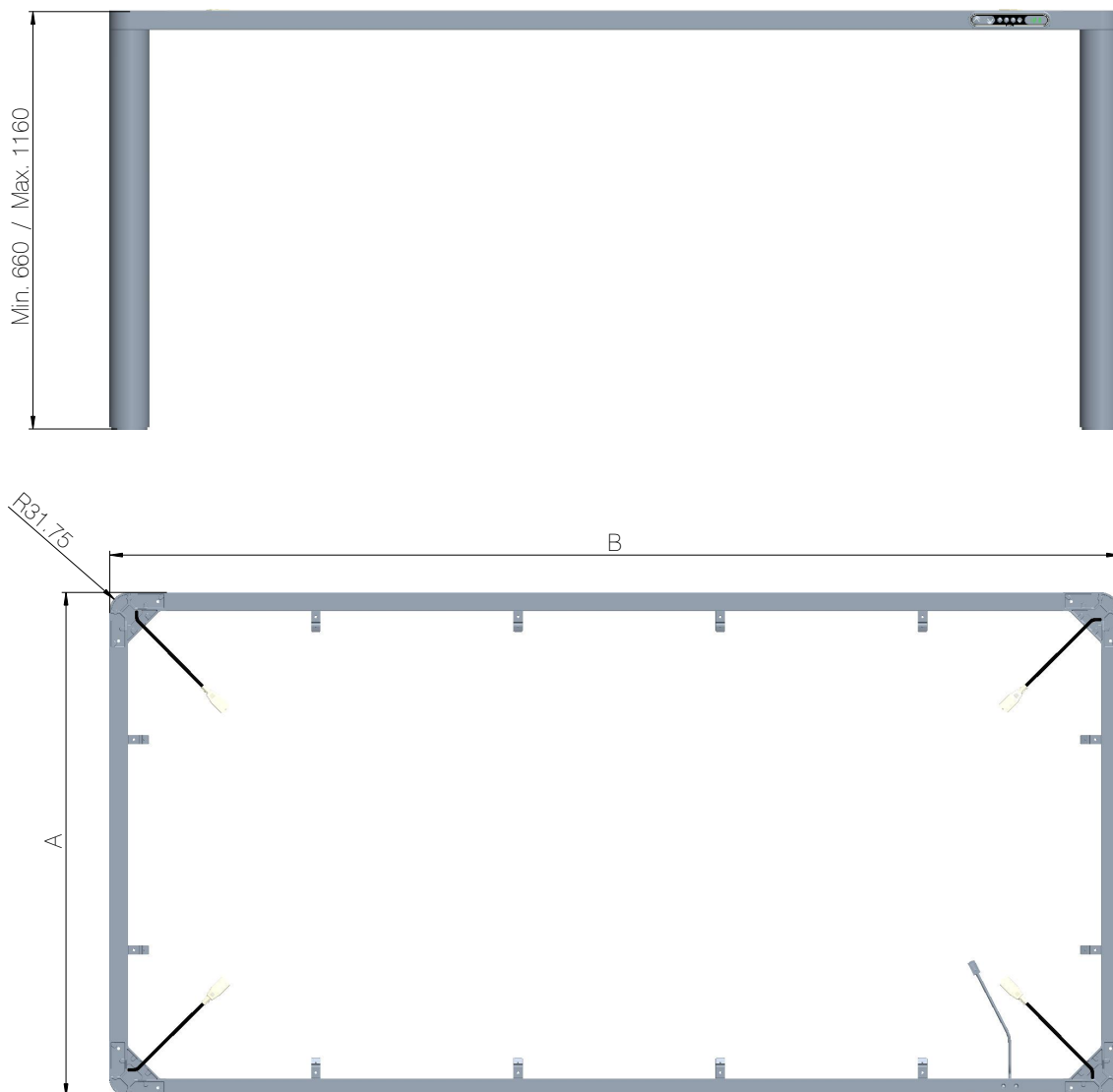


Figure 1 Desk Frame 4 performance

Dimension drawings



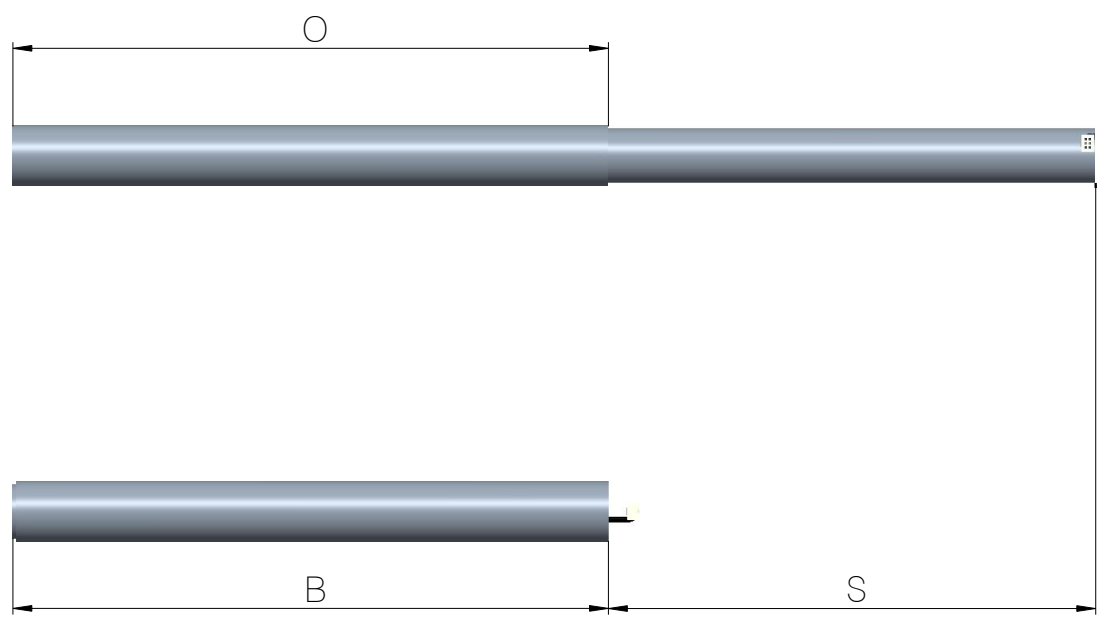
All dimensions are in mm.



Drawing no. 1103W4004

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

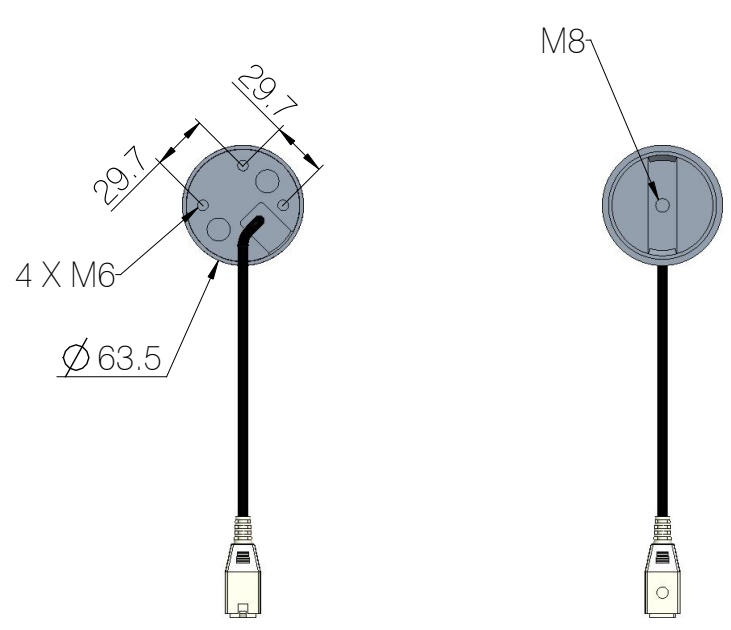
Figure 2 DF4 frame



Drawing no. 1103W4003

Version	Combination code	S (Stroke length)	B (Built-in length)	O (Outer profile length)
Standard	DF4LS14TXXXXXXXXX500630	500	630	625

Figure 3 DF4 columns



Drawing no. 1103W4003

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

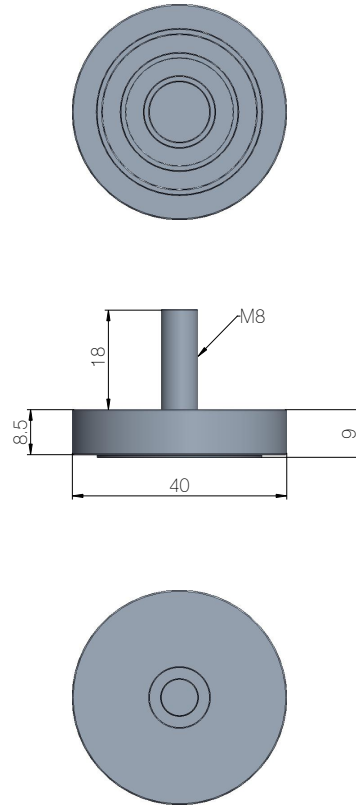


Figure 5 Adjustment screw

Drawing no.1037W4032

Contacts

FACTORIES

Denmark - Headquarters
LINAK A/S
Phone: +45 73 15 15 15
Fax: +45 74 45 80 48
Fax (Sales): +45 73 15 16 13
Web: www.linak.com

China
LINAK (Shenzhen) Actuator Systems, Ltd.
Phone: +86 755 8610 6656
Phone: +86 755 8610 6990
Web: www.linak.cn

Slovakia
LINAK Slovakia s.r.o.
Phone: +421 51 7563 444
Web: www.linak.sk

Thailand
LINAK APAC Ltd.
Phone: +66 33 265 400
Web: www.linak.com

USA
LINAK U.S. Inc.
Americas Headquarters
Phone: +1 502 253 5595
Fax: +1 502 253 5596
Web: www.linak-us.com
www.linak-latinamerica.com

SUBSIDIARIES

Australia
LINAK Australia Pty. Ltd
Phone: +61 3 8796 9777
Fax: +61 3 8796 9778
E-mail: sales@linak.com.au
Web: www.linak.com.au

Austria
LINAK Zweigniederlassung - Österreich (Wien)
Phone: +43 (1) 890 7446
Fax: +43 (1) 890 744615
E-mail: info@linak.de
Web: www.linak.at - www.linak.hu

Belgium
LINAK Actuator-Systems NV/SA
(Belgium & Luxembourg)
Phone: +32 (0)9 230 01 09
E-mail: beinfo@linak.be
Web: www.linak.be - www.fr.linak.be

Brazil
LINAK Do Brasil Comércio De Atuadores Ltda.
Phone: +55 (11) 2832 7070
Fax: +55 (11) 2832 7060
E-mail: info@linak.com.br
Web: www.linak.com.br

Canada
LINAK Canada Inc.
Phone: +1 502 253 5595
Fax: +1 416 255 7720
E-mail: info@linak.ca
Web: www.linak-us.com

Czech Republic
LINAK C&S s.r.o.
Phone: +42 058 174 1814
Fax: +42 058 170 2452
E-mail: info@linak.cz
Web: www.linak.cz - www.linak.sk

Denmark - International
LINAK International
Phone: +45 73 15 15 15
E-mail: info@linak.com
Web: www.linak.com

Denmark - Sales
LINAK Danmark A/S
Phone: +45 86 80 36 11
Fax: +45 86 82 90 51
E-mail: linak@linak-silkeborg.dk
Web: www.linak.dk

Finland
LINAK OY
Phone: +358 10 841 8700
E-mail: linak@linak.fi
Web: www.linak.fi

France
LINAK France E.U.R.L
Phone: +33 (0) 2 41 36 34 34
Fax: +33 (0) 2 41 36 35 00
E-mail: linak@linak.fr
Web: www.linak.fr

Germany
LINAK GmbH
Phone: +49 6043 9655 0
Fax: +49 6043 9655 60
E-mail: info@linak.de
Web: www.linak.de

India
LINAK A/S India Liaison Office
Phone: +91 120 4531797
Fax: +91 120 4786428
E-mail: info@linak.in
Web: www.linak.in

Ireland
LINAK UK Limited (Ireland)
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
+44 (0)796 855 1606 (UK Mobile)
+35 387 634 6554 (Rep.of Ireland Mobile)
E-mail: sales@linak.co.uk
Web: www.linak.co.uk

Italy
LINAK ITALIA S.r.l.
Phone: +39 02 48 46 33 66
Fax: +39 02 48 46 82 52
E-mail: info@linak.it
Web: www.linak.it

Japan
LINAK K.K.
Phone: 81-45-533-0802
Fax: 81-45-533-0803
E-mail: linak@linak.jp
Web: www.linak.jp

Malaysia
LINAK Actuators Sdn. Bhd.
Phone: +60 4 210 6500
Fax: +60 4 226 8901
E-mail: info@linak-asia.com
Web: www.linak.my

Netherlands
LINAK Actuator-Systems B.V.
Phone: +31 76 5 42 44 40 /
+31 76 200 11 10
E-mail: info@linak.nl
Web: www.linak.nl

New Zealand
LINAK New Zealand Ltd
Phone: +64 9580 2071
Fax: +64 9580 2072
E-mail: nzsales@linak.com.au
Web: www.linak.com.au

Norway
LINAK Norge AS
Phone: +47 32 82 90 90
E-mail: info@linak.no
Web: www.linak.no

Poland
LINAK Polska
LINAK Danmark A/S (Spółka Akcyjna)
Phone: +48 22 295 09 70 /
+48 22 295 09 71
E-mail: info@linak.pl
Web: www.linak.pl

Republic of Korea
LINAK Korea Ltd.
Phone: +82 2 6231 1515
Fax: +82 2 6231 1516
E-mail: info@linak.kr
Web: www.linak.kr

Slovakia
LINAK Slovakia S.R.O.
Phone: +421 51 7563 444
Web: www.linak.sk

Spain
LINAK Actuadores, S.L.u
Phone: +34 93 588 27 77
Fax: +34 93 588 27 85
E-mail: esma@linak.es
Web: www.linak.es

Sweden
LINAK Scandinavia AB
Phone: +46 8 732 20 00
Fax: +46 8 732 20 50
E-mail: info@linak.se
Web: www.linak.se

Switzerland
LINAK AG
Phone: +41 43 388 31 88
E-mail: info@linak.ch
Web: www.linak.ch - www.fr.linak.ch
www.it.linak.ch

Taiwan
LINAK (Shenzhen) Actuator systems Ltd.
Taiwan Representative office
Phone: +886 2 272 90068
Fax: +886 2 272 90096
E-mail: sales@linak.com.tw
Web: www.linak.com.tw

Turkey
LINAK İth. İhr. San. ve Tic. A.Ş.
Phone: +90 312 4726338
Fax: +90 312 4726635
E-mail: info@linak.com.tr
Web: www.linak.com.tr

United Kingdom
LINAK UK Limited
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
E-mail: sales@linak.co.uk
Web: www.linak.co.uk

DISTRIBUTORS

Argentina
Novotec Argentina SRL
Phone: 011-4303-8989 / 8900
Fax: 011-4032-0184
E-mail: info@novotecargentina.com
Web: www.novotecargentina.com

Colombia
MEM Ltda
Phone: +[57] (1) 334-7666
Fax: +[57] (1) 282-1684
E-mail: servicioalcliente@memltda.com.co
Web: www.mem.net.co

India
Mechatronics Control Equipments India Pvt Ltd
Phone: +91-44-28558484, 85
E-mail: bala@mechatronicscontrol.com
Web: www.mechatronicscontrol.com

Indonesia
PT. Himalaya Everest Jaya
Phone: +6 221 544 8956 /+6 221 544 8965
Fax: +6 221 619 1925
Fax (Sales): +6 221 619 4658
E-mail: hejplastic-div@centrin.net.id
www.hej.co.id

Israel
NetivTech LTD
Phone: +972 55-2266-535
Fax: +972 2-9900-560
Email: info@NetivTech.com
Web: www.netivtech.com

Singapore
Servo Dynamics Pte Ltd
Phone: +65 6844 0288
Fax: +65 6844 0070
E-mail: servodynamics@servo.com.sg

South Africa
Industrial Specialised Applications CC
Phone: +27 011 466 0346
E-mail: gartht@isagroup.co.za
Web: www.isaza.co.za

United Arab Emirates
Mechatronics
Phone: +971 4 267 4311
Fax: +971 4 267 4312
E-mail: mechtron@emirates.net.ae

Terms of use

LINAK® takes great care in providing accurate and up-to-date information on its products. However, the user is responsible for determining the suitability of LINAK products for a specific application. Due to continual development, LINAK products are subject to frequent modifications and changes. LINAK reserves the rights to conduct modifications, updates, and changes without any prior notice. For the same reason, LINAK cannot guarantee the correctness and actual status of imprinted information on its products.

LINAK uses its best efforts to fulfil orders. However, for the reasons mentioned above, LINAK cannot guarantee availability of any particular product at any given time. LINAK reserves the right to discontinue the sale of any product displayed on its website or listed in its catalogues or in other written material created and produced by LINAK, LINAK subsidiaries, or LINAK affiliates. All sales are subject to the 'Standard Terms of Sale and Delivery for LINAK A/S' available on LINAK websites. LINAK and the LINAK logotype are registered trademarks of LINAK A/S. All rights reserved.