

TD4 Advanced Data Sheet





The TWINDRIVE® TD4 is a dual actuator especially developed for slatted beds. With a force of 5500 N on both back and leg ends, the TD4 is a strong dual actuator in the LINAK HOMELINE® portfolio.

The TD4 is very slim and compact in design ensuring minimum need of space underneath the bed and optimal logistics during transport. The low weight of the TD4 ensures easy handling when mounting, and pictograms on the side make the mounting very intuitive.

The TD4 Advanced features:

- the well-known LINAK® ZERO™ technology, allowing a standby power of max. 0.1 W. This means the TD4 sleeps, when the user sleeps
- integrated Under Bed Light
- integrated Bluetooth® Low Energy technology meaning that all wireless hand controls are compatible - alternatively, the Bed Control App can be downloaded to use a smartphone as handset
- mechanical emergency lowering via a hex key directly attached on the side of the TD4 – always in place when needed, e.g. in case of a power-out
- an external power supply ensuring a pleasant noise level and steady speed

The TD4 Advanced is compatible with handsets with memory positions. Combine the TD4 Advanced with the CBD6DC HOMELINE® to add extra channels to the bed design such as head and foot adjustment.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG Inc. and any use of such marks and logos by LINAK A/S is under license.

Features/Options/Usage

Features

- 24 V DC – 30 V DC unit
- Power supply via external switch mode power supply unit:
- SMPS001 (230 V - 24 V output) or universal SMPS006 (100 to 240 V - 29 V output)
- Max. lifting capacity, backrest up to 5500 N
- Max. lifting capacity, leg rest up to 5500 N
- Bluetooth® built into the TD4
- Angle leg rest $45^{\circ} \pm 3^{\circ}$
- Angle backrest $68^{\circ} \pm 3^{\circ}$, $62^{\circ} \pm 3^{\circ}$, $55^{\circ} \pm 3^{\circ}$
- Installation dimension: 723 mm x 105 mm height x 76 mm width
- Installation dimension on the shaft 581 ± 1 mm distance. Shaft: $\varnothing 25.3 (+0.3/-0.2)$ mm
- Colour: Black (RAL 9005)
- Control box integrated in the housing of the actuator
- The power consumption in standby mode is only 0.1W, this is what we call ZERO™
- Two internal channels
- Four favourite positions
- Under Bed Light
- Mechanical emergency lowering
- Cable strain relief
- Pleasant noise level (sound power level: $L_w \leq 48$ dB(A))
- PVC-Free™
- Designed with a soft start/stop function

Option

- Electrical emergency lowering via 2x9 V battery box
- Parallel drive of two beds

Usage

- Compatible with HOMELINE® controls
- Compatible with SMPS001 and SMPS006
- Compatible with the Bed Control App (Android and iOS) via Bluetooth®
- Compatible with CBD6DC HOMELINE , LA18 Advanced, or LA40 HOMELINE (only in combination with CBD6DC HOMELINE)
- 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	700 to 1060 hPa	700 to 1060 hPa
Altitude	Max. 2000 m	Max. 2000 m

- Complies with EN60335-1

Ordering

	TD4	
TYPE	0	0 = Advanced
LIFTING CAPACITY	0	0 = Back rest 5500 N / Leg rest 5500 N
STANDARD	0	0 = Standard
EXTERNAL CHANNELS	0	0 = None
STANDARD	0	0 = Standard
COLOUR	B	B = Black
ANGLE BACK REST	68	68 = 68° 55 = 55° 45 = 45°
ANGLE LEG REST	45	45 = 45°
STANDARD	0	0 = Standard
STANDARD	0	0 = Standard
Selected item type: TD400000B684500		

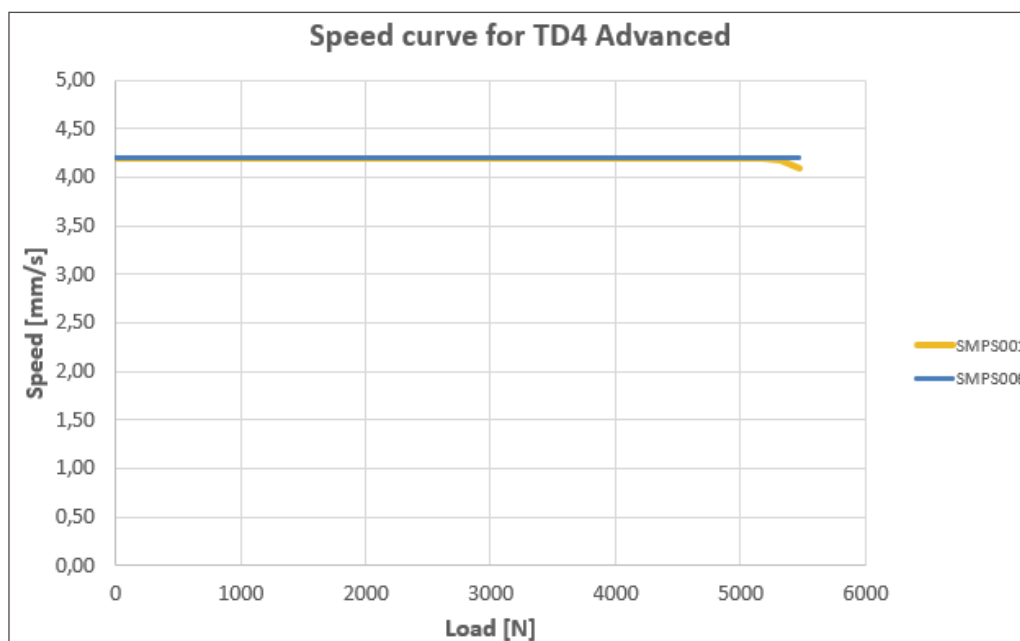


Cables, SMPS, twist bracket, mounting screws, and controls must be ordered separately.

Technical specifications

Product	Lifting capacity (max.)		Speed at 0 load [°/sec]	Duty cycle [%]
	Backrest [N]	Leg rest [N]		
TD4 Advanced	5500	5500	3.2	10

Speed curve



Dimension drawings

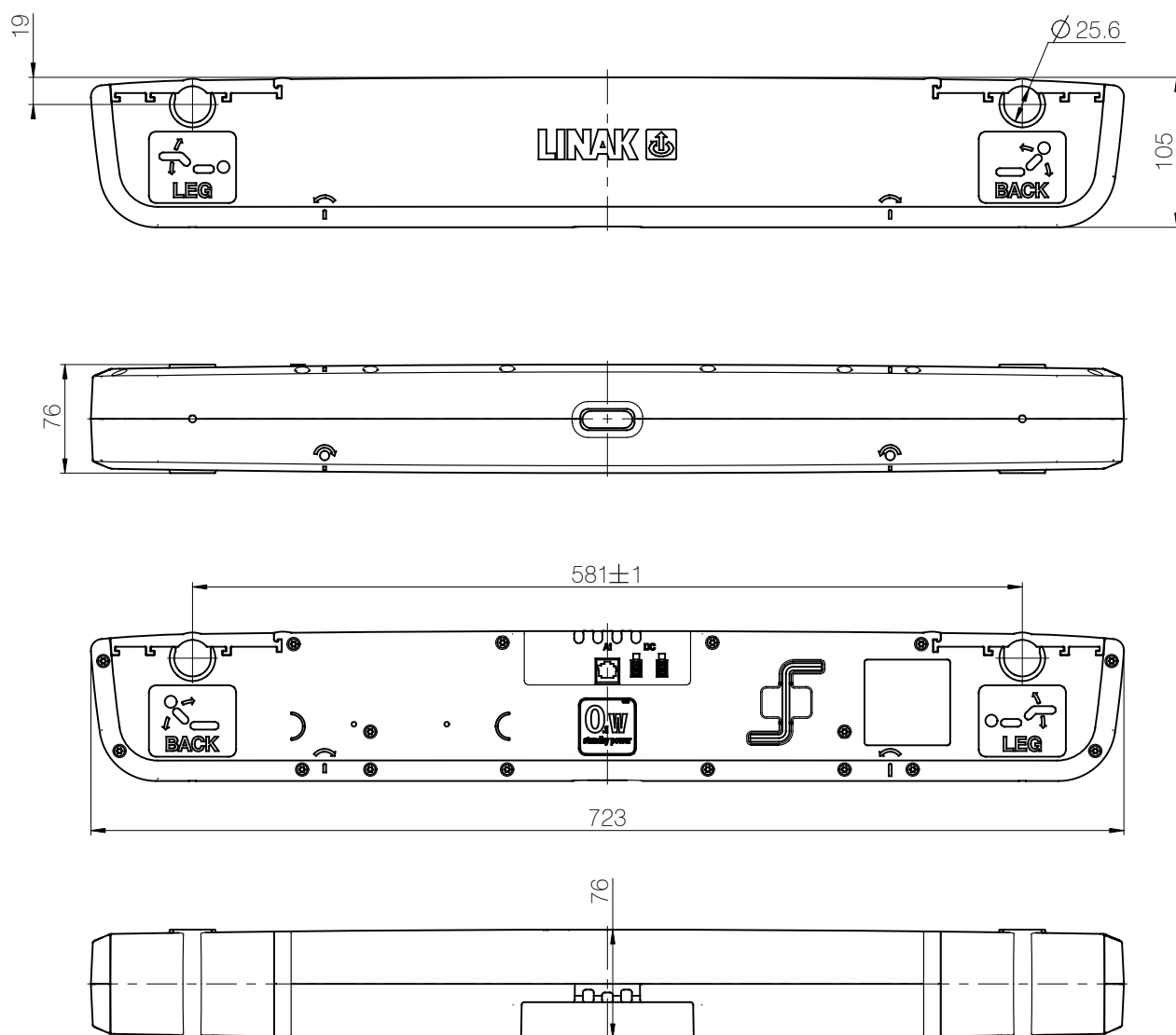


Figure 1 TWINDRIVE Advanced dimensions (mm)

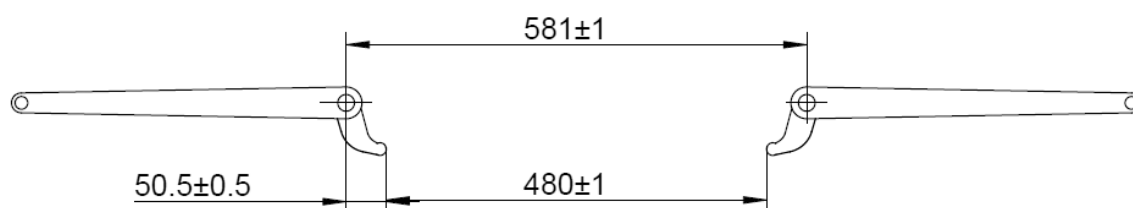


Figure 2 Shaft distance dimensions (mm)



The shaft diameter must be $\varnothing 25.2 (+0.3/-0.2)$ mm.

Features

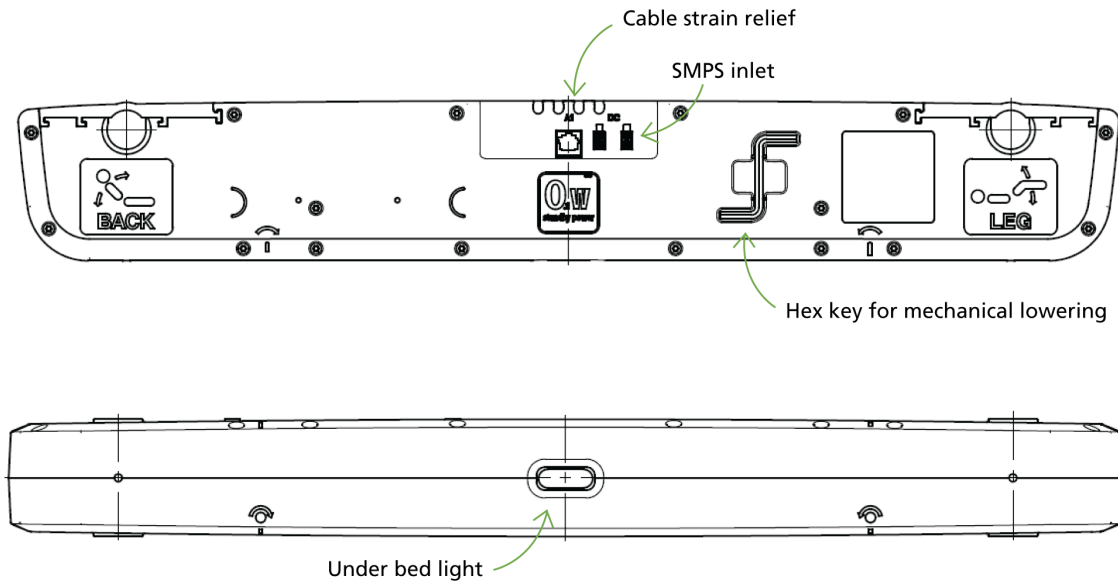


Figure 3 TWINDRIVE Advanced features



Always use the cable strain relief for the mains cable on the TWINDRIVE to avoid pulling out the mains cable plug from the TWINDRIVE resulting in a malfunction.



Do not look directly into the light under the bed.



The default time-out for the Under Bed Light is 30 minutes.

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

Fax: +41 43 388 31 87

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

Web: 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.



WE IMPROVE YOUR LIFE