

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.

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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		

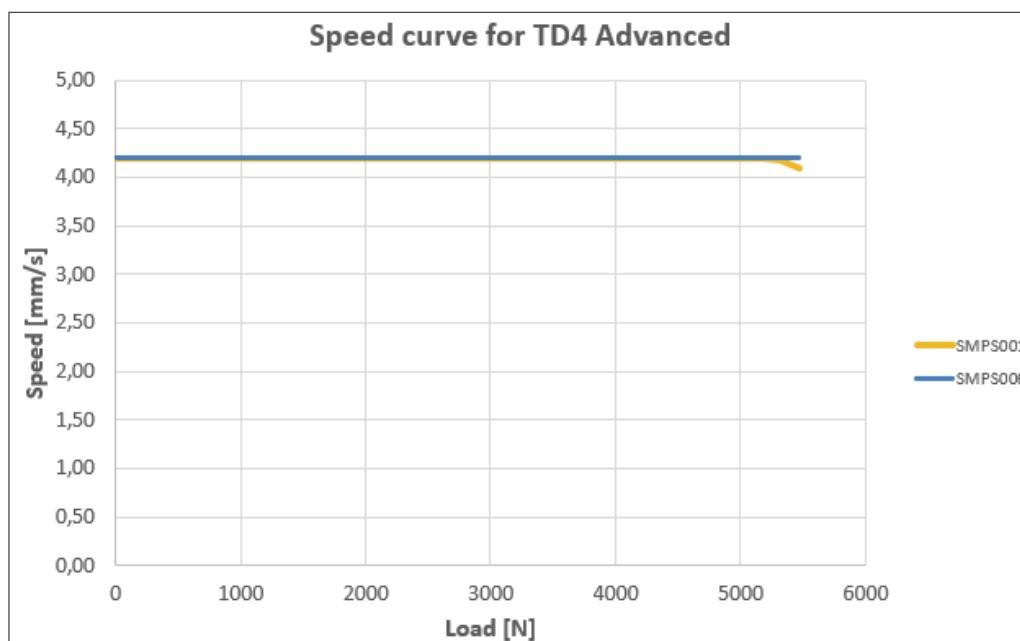


Cables, SMPS, twist bracket, mounting screws, and controls must be ordered separately.

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

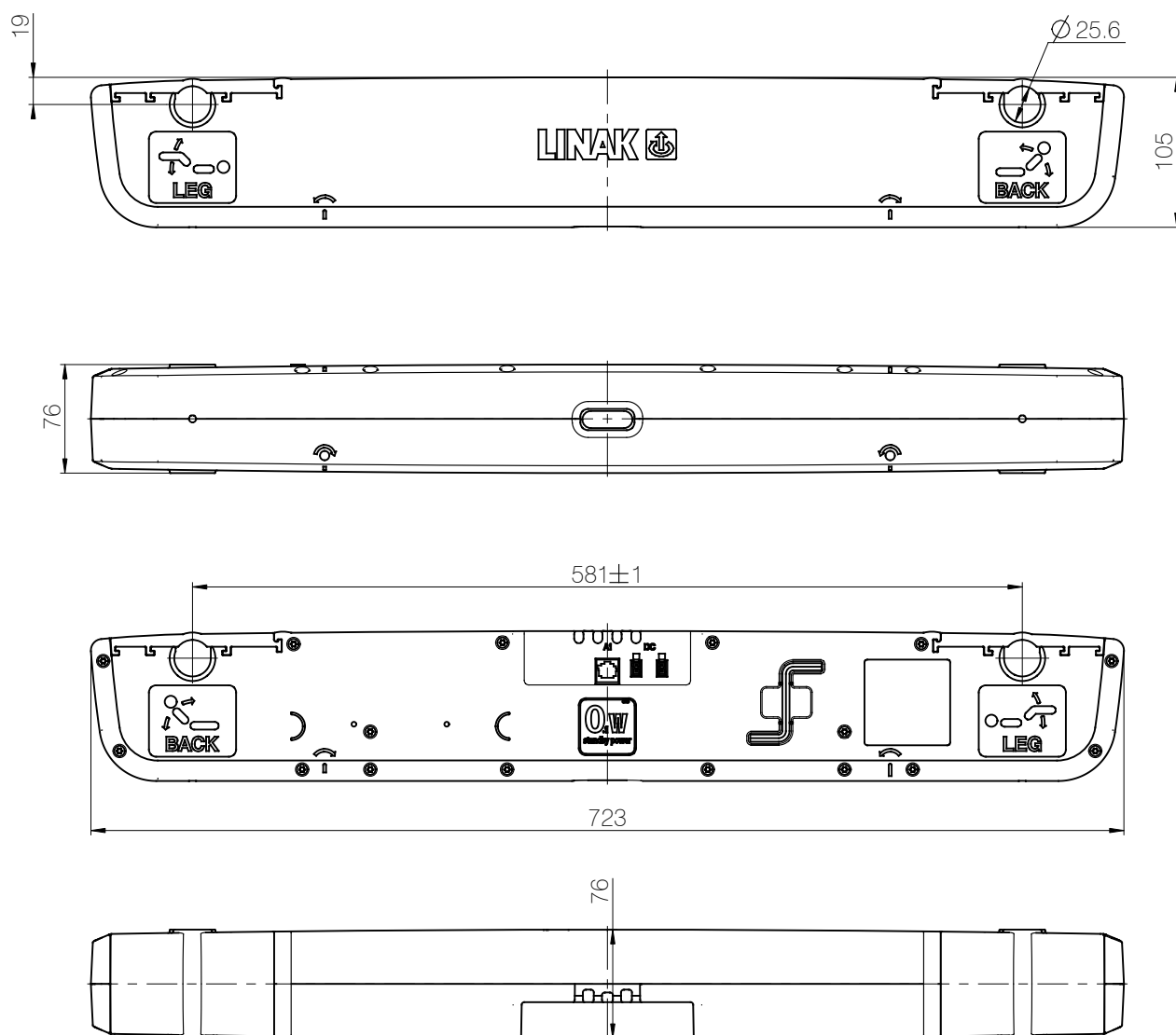


Figure 1 TWINDRIVE Advanced dimensions (mm)

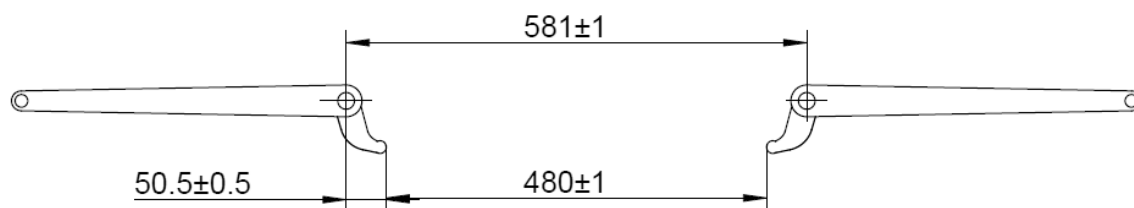


Figure 2 Shaft distance dimensions (mm)



The shaft diameter must be $\text{Ø}25.2 (+0.3/-0.2)$ mm.

Features

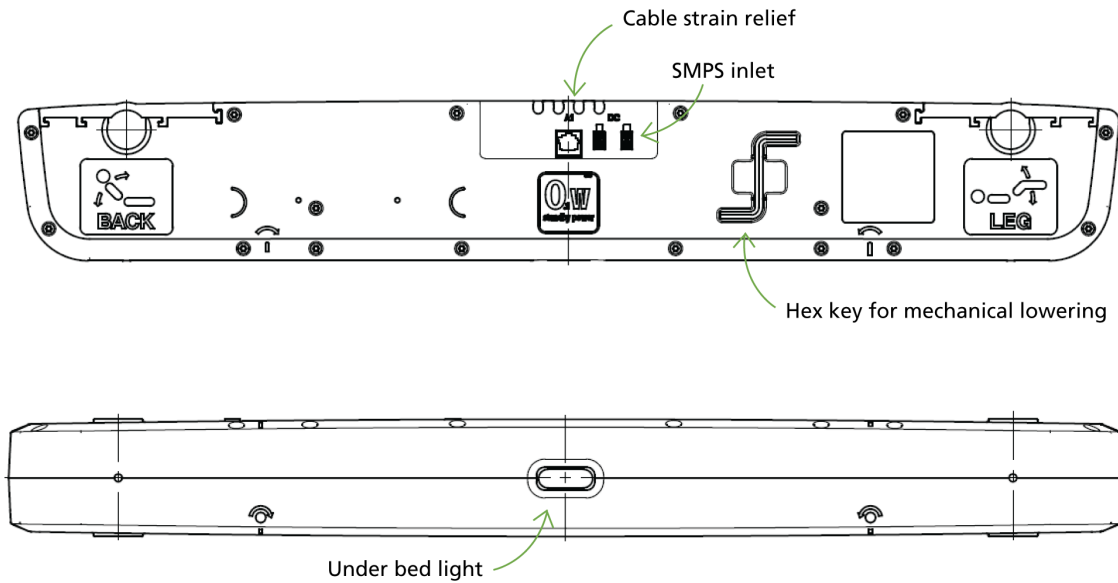


Figure 3 TWINDRIVE Advanced features



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.

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