

# General assembly instructions

Please read the following safety information carefully. Ensure that all staff who are to connect, mount, or use the actuator are in possession of the necessary information and that they have access to this assembly instruction.

Persons who do not have the necessary experience or knowledge of the product/products must not use the product/products. Besides, persons with reduced physical or mental abilities must not use the product/products, unless they are under surveillance or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons. Moreover, children must be under surveillance to ensure that they do not play with the product.



## Warning!

Failure to comply with these instructions may result in accidents involving serious personal injury.

It is important for everyone who is to connect, install, or use the systems to have the necessary information and access to the User Manual on [www.linak.com](http://www.linak.com).

- If there is visible damage on the product it must not be installed.
- If the control box / TWINDRIVE makes unusual noises or smells, switch off the mains voltage immediately.
- The products must only be used in an environment that corresponds to their IP protection.
- The cleaners and disinfectants must not be highly alkaline or acidic (pH value 6-8).
- Irrespective of the load the duty cycle stated in the data sheets, must NOT be exceeded.
- The DESKLINE® systems can only be used in push applications.
- The control box / TWINDRIVE must only be connected to the voltage stated on the label.
- System not specified for pull must only be used in push applications.
- Fastening screws and bolts must be correct tightened.
- Do not open the closing device on the TWINDRIVE during operation.
- Specifications on the label must under no circumstances be exceeded.
- NOT TO BE OPENED BY UNAUTHORIZED PERSONNEL.
- Do only use the actuator within specified working limits.
- Note that during construction of applications, in which the actuator is to be fitted, there must be no possibility of personal injury, for example the squeezing or fingers or arms.
- If irregularities are observed, the actuator must be replaced.
- If the actuator is used for pull in an application where personal injury can occur, the following is valid: It is the application manufacturer's responsibility to incorporate a suitable safety arrangement, which will prevent personal injury from occurring, if the actuator should fail.
- MEDLINE and CARELINE products are rated to operate at an altitude  $\leq 2000$  m.



## Failing to follow these instructions can result in the actuator suffering damage or being ruined.

- Before you start mounting/dismounting, ensure that the following points are observed:
  - The actuator is not in operation.
  - The mains current supply is switched off and the plug has been pulled out.
  - The actuator is free from loads that could be released during this work.
- Before you put the actuator into operation, check the following:
  - The actuator is correctly mounted as indicated in the relevant user instructions.
  - The equipment can be freely moved over the actuator's whole working area.
  - The actuator is connected to a mains electricity supply/transformer with the correct voltage and which is dimensioned and adapted to the actuator in question.
  - Ensure that the voltage applied matches to the voltage specified on the actuator label.
  - Ensure that the connection bolts can withstand the wear.
  - Ensure that the connection bolts are secured safely.
- During operation
  - Listen for unusual sounds and watch out for uneven running. Stop the actuator immediately if anything unusual is observed.
  - Do not side load the actuator.
  - Use only the actuator within the specified working limits.
  - Do not step or kick on the actuator.
- When the equipment is not in use
  - Switch off the mains supply or pull out the plug in order to prevent unintentional operation.
  - Check regularly the actuator and joints for extraordinary wear.
- Note:
  - If the actuator is operated as a hand crank, it must be operated by hand, otherwise there is a risk of overloading the actuator and hereby damage the actuator.
- Note:
  - When changing the cables on a LINAK actuator, it is important that this is done carefully, in order to protect the plugs and pins.  
Please be sure that the plug is in the right location and fully pressed in before the cable lid is mounted.

# DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY

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DK - 6430 Nordborg

Herewith declares that **LINAK DESKLINE®** products as characterised by the following models and types:

Control Boxes	CBD4, CBD5, CBD6, CBD6S
Linear Actuators	DB4, DB5, DB6, DB7, DB9, DB12, DB14, DB16, LA23, LA31
Lifting Columns	DL1A, DL2, DL4, DL5, DL6, DL7, DL8, DL9, DL10, DL11, DL12, DL14, DL15, DL16, DL17, BASE1
Desk Panels	DPA, DPB, DPH, DPF, DPT, DP1C, DP1K, DP1L, DP1V, DP1U, WDPL1
RF Controls	HB10RF, HB20RF, RFT, RFRL
Accessories	SLS

Herewith declares that **LINAK HOMELINE®** products as characterised by the following models and types:

Control Boxes	CB7, CB9H, CBH Advanced, CBH Basic
Linear Actuators	LA27, LA27CS, LA28, LA29, LA31 HOMELINE
Dual Actuators	TD1, TD3, TD4
Controls	HB10, HB10RF, HB20, HB20RF, HB40, HB60, HC10, HC10RF, HC20RF
Accessories	DC CONNECTOR, DJBH, LED Lightbox, Lightplug001, Massage Motor, SMPS001, SMPS002, SMPS006, TR6, USB Connector

Herewith declares that **LINAK MEDLINE® & CARELINE®** products as characterised by the following models and types:

Control Boxes	CA30, CA40, CB6, CB6S, CB6OBMe, CB6P2, CB8, CB9, CB12, CB14, CB16, CB20, CBJ, CBJ-Care, CBJ-Home, CO61
Linear Actuators	LA12, LA22, LA23, LA27, LA28, LA29, LA30, LA31 CARELINE, LA32, LA34, LA40, LA43, LA43IC, LA44, LA44IC
Lifting Columns	BL1, LP2, LP3, LC2
Controls	ACC, ACK, ACO, ACL, ACM, ACP, ACT, DP, DPH, FS, FS3, FPP, HB20, HB30, HB40, HB50, HB70, HB80, HD80, HL70, HL80, IRO
Accessories	BA18, BA19, BA21, BAJ, BAJL, CH01, CHI2, COBO, DJB, EBC, IRO, MJB, SMPS19, SMPS30, Scale, SCO, SLS, Massage Motor, UBL2

Herewith declares that **LINAK TECHLINE®** products as characterised by the following models and types:

Linear Actuators	LA12, LA14, LA22, LA23, LA23 IC, LA25, LA30, LA33, LA35, LA36, LA37
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comply with the following parts of the Machinery Directive 2006/42/EC, ANNEX I, Essential health and safety requirements relating to the design and construction of machinery:

## 1.5.1 Electricity supply

The relevant technical documentation is compiled in accordance with part B of Annex VII and that this documentation or part hereof will be transmitted by post or electronically to a reasoned request by the national authorities.

**This partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of the Machinery Directive 2006/42/EC where appropriate.**

Nordborg, 2017-04-03



LINAK A/S  
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Certification and Regulatory Affairs  
Authorized to compile the relevant technical documentation

Original declaration