HOMELINE®
Product overview
Comfort beds

Today your typical system for comfort beds consists of single actuators that are connected, a dual actuator, or a combination of dual and single actuators. We offer all of the above, listen to your requirements, and respect your bed design.

Whether you go with a standard system to move the backrest and adjust leg support, and give the consumer matching controls or a smartphone app, or whether you wish to raise the bar and offer a bed with extra movement, memory function and multiple extra features, we have what you need. All is possible with LINAK® actuator systems.
Recliners

Paying close attention to the market and listening carefully to different stakeholders in manufacturing and design – that is the secret to making the best actuator system for modern recliners. So we developed our designs based on a substantial amount of data and feedback gathered through interviews, field studies and user surveys. We used this information to create systems of two or more serially connected compact actuators, with a wireless connection to an intuitive control unit.

This design is not only easier to integrate with, for example, a pedestal recliner, it also minimises the number of cables used - thereby eliminating the lion’s share of quality issues for retailers. In our opinion this is ‘thoroughly worked out’. Your recliner deserves nothing less.

LINAK HOMELINE® designs

LINAK® designs and manufactures electric adjustment systems for comfort furniture. Through decades we have adapted solutions and followed changing trends and consumer needs.

We design and provide complete modular actuator systems that fit effortlessly into leisure beds and recliners. Our HOMELINE® specialists ensure compatibility on all levels, so you can get a complete system from one supplier.
TWINDRIVE® dual actuator systems for beds

An electric dual actuator is a unique integrated system that can perform two separate adjustments of a bed with just one unit. The LINAK® TWINDRIVE® dual actuators are designed for adjustable leisure beds - be it slatted beds or box spring beds. The very small built-in dimensions result in maximum free space underneath the bed.

TD4 Standard Dual actuator
- Max. lifting capacity: up to 5,500 N
- Bluetooth® communication
- Integrated Under Bed Light
- Mechanical emergency lowering
- Mains cable strain relief
- Soft start/stop

TD4 Advanced Dual actuator
- Max. lifting capacity: up to 5,500 N
- Bluetooth® communication
- Integrated Under Bed Light
- Mechanical emergency lowering
- Soft start/stop
- Supports favourite positions
- Parallel drive of 2 beds
- Compatible with SMPS001/006
- Supports LINAK Voice control solution
- Works with Ok Google or Amazon Alexa

TD5 Standard Dual actuator
- Max. lifting capacity: up to 7,000 N
- Bluetooth® communication
- Integrated Under Bed Light
- Mechanical emergency lowering
- Mains cable strain relief
- Soft start/stop
**TDS Advanced Dual actuator**

- Max. lifting capacity: up to 7,000 N
- Bluetooth® communication
- Integrated Under Bed Light
- Mechanical emergency lowering
- Soft start/stop
- Supports favourite positions
- Parallel drive of 2 beds
- Compatible with SMPS006
- Supports LINAK Voice control solution
- Works with Ok Google or Amazon Alexa

**Pictograms for intuitive mounting**

**Under Bed Light**

**ZERO™ standby power**

**Emergency lowering**
Single actuator systems for beds

A LINAK® single actuator set for comfort beds is designed to create both a compact and lightweight system while still maintaining valuable features, and a pleasant sound when operated.

Not only does the compact nature of the systems provide a system easy to integrate in various bed designs, the actuators also come with the optional click-on back fixture – making both mounting and assembly even easier.

Possible adjustments include not only leg and back, but it is also possible to add neck and foot adjustment. For Advanced editions of single actuators for comfort beds it is possible to add massage motors directly to the system. Which actuator set is suitable for your application depends on your requirements.

LA18 IC Standard System

- Max. lifting capacity: up to 6,000 N
- Bluetooth® communication
- Integrated controller
- Integrated Under Bed Light
- Pleasant sound
- Soft start/stop
- Works with Ok Google or Amazon Alexa

The Standard system is perfect for beds requiring up to 6,000 N of power to adjust leg, back and possibly neck and/or feet. It comes with standard features known from other LINAK® products for comfort beds such as IC (Integrated Controller), Under Bed Light, and the option of controlling the bed with a wireless unit, be it a hand control or an app via Bluetooth® communication.
The Advanced system is perfect for beds requiring up to 6,000 N of power to adjust leg, back or possibly neck and/or feet.

These systems come with the regular features known from the Standard system, adds favourite positions, parallel drive of two beds, option of adding massage motors directly without the need for additional control boxes.
Creating comfort for consumers requires a great deal of effort – especially when it comes to leisure furniture. That is why we spend a considerable amount of time with people across the supply chain, before we begin developing new products and systems.

We wanted to design the most intuitive, easy-to-assemble, durable, intelligent, powerful yet discreet and low-noise actuator system for elegant pedestal recliners on the market.

This required all the information we could get from customers – their designers, R&D-engineers, purchasers, not to forget the people assembling the recliners, the distributors and retailers not forgetting and, ultimately, the consumers. The result: a new flagship system - modular and flexible system from one supplier.

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**Speed up your R&D process**

Avoid the waiting and experiment all you want with the hands-on configurator and modular products. Configure the LA10 actuators yourself to match your setup and save yourself some time in development.

**Reduce inventory complexity**

We make it easy to order modular products that allow you to build many different recliners with the same actuators. The best part? You get total system solutions – all from one supplier.

**Surprise with the finest details**

Customers buy with their eyes. That is why we have focused on creating a simple and intuitive control as well as discreet charging points. We also made sure that the controls can be customised to reflect your brand.

**Sell with confidence**

Sell a chair with a LINAK system with confidence knowing that we have done everything we can to both avoid quality cases and make the user-experience as pleasant as possible.
Designing an actuator that allows you to adjust a pedestal recliner does have its challenges! We have focused on how the system is set up and considered where traditional systems typically have their weak spots – and then done our best to counter-balance, improve or completely eliminated these. Due to our highly automated production, actuators deviate less than 1 millimetre from standard specs. This means that we ensure consistency when it comes to implementing the actuator LA10 in production. You get exactly what you expect.

The actuators LA10 are designed to be serially connected. This eliminates multiple cables and the traditional control box from the system. Simply plug the Bluetooth® plug into either of the actuators to create a wireless connection to the control. This significant reduction of cables helps not only to eliminate the no. 1 root cause of quality issues - broken cables - but it also makes the LA10 system for recliners easy and fast to assemble.

As a result, you can now have a unique electric set-up, consisting of two or more LA10 actuators, a power cable, a charging point, a Bluetooth® plug, and a wireless control. But, the most brilliant thing about it is found in the finer details. The system is modular, which means that each actuator placed in a series knows both where it is and how to work. You can even connect the power cable to either end of a series. In other words, the LA10 is a truly ready-to-use actuator.

**LA10 Single actuator**

- Modular system
- Intelligent actuator
- Max lifting capacity: 3500 N.
- Stroke length: 25 mm–150 mm
- Speed: up to 16 mm/s (for 6mm spindle pitch)
- Soft start/stop
**Controls**

- BP12 control unit
  - Wireless
  - For 2-motor solutions
  - 2 versions: Classic & Weave
  - Magnetic mounting options
  - Exchangeable batteries

- BP12 holder
  - Optional holder
  - Use control both in holder or take it out to get a closer look

**Customise controls**

Customise the controls so they blend seamlessly with your design. Simply order the BP12 control unit in another colour and/or add your logo to the battery lid.
## Accessories for recliners

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<tr>
<th>Accessories</th>
<th>Description</th>
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| BLE2DC Bluetooth® plug       | • Connects the control to the actuator system via Bluetooth® technology.  
• Small and compact          |
| CP charging point            | • Connects the chair to a power outlet  
• Optional safety release cable to ensure minimal damage  
• Available in different versions |
Smart speakers with voice control are moving in everywhere – also in the bedroom. Devices like Google Home and Amazon Echo are already in millions of homes across the world.

In January 2019, Amazon claimed to have sold 100 million units in the USA alone*, and entering 2020, Google expects to have 500 million Google Assistant monthly users worldwide**.

For both devices, the aim is the same: to enhance the product experience for the end-user.

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**Improve routines**

This is more to a Smart Home than “just talking” to your home applications through a voice assistant-enabled device. Connecting the bed to Wi-Fi is in fact connecting the bedroom to the rest of Smart Home, and thereby creating value and ultimately making everyday routines much easier.

Imagine a bedtime routine where the system automatically dims the light, locks the front door, and gently lowers your bed to a sleep position when you say: “Alexa, Goodnight!” All without lifting a finger!

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* Source: VoiceBot.ai - ‘Smart Speaker Consumer Adoption Report 2019
** Source: Business Insider, 7 January 2020
Enable connectivity

To make it easy for bed manufacturers, designers and, most of all, end-users, LINAK has developed an all-in-one package solution. It allows users of adjustable comfort beds to connect their bed to their Alexa or Google Assistant-enabled devices. It includes the Bed Control IoT App needed to create a user account, a full cloud solution, and a set of voice commands that works with Ok Google or Amazon Alexa.

Combined with the WiFi2LIN Module, it forms the LINAK® Voice Control solution. The LINAK connectivity offer will future-proof your beds, support your brand, help end-users change their daily routines and ultimately improve their life.

Start improving with LINAK today and become your customers’ dream.
Standard Bed Control App

Smartphone apps play a central part in everyday life for people all over the world. The LINAK® Bed Control App for adjustment of your comfort beds is continually updated to give users access to new and free features.

Apart from adjusting the bed, the Bed Control App allows the user to turn on Under Bed Light, activate massage, store favourite positions, and even run simultaneous drive. Or you can independently operate two beds and adjust the right or left side of the bed. Depending on your actuator system not all features are available for the Standard actuator systems.

The Bed Control App comes in eight different languages as a standard, making it useful almost everywhere in the world.

Bed Control App functionalities

- Independently operate two beds and control the right and/or left side of the bed
- Simultaneous Drive
- Select back, leg, foot or neck
- Adjust up or down
- Turn Under Bed Light on/off
- 4 favourite positions: (if supported by the product)
- Massage: (if supported by the product)
- Alarm: Wake-up to favourite position and/or massage
- More includes e.g.: Reset to factory default, Troubleshooting guide, Automatic drive (on favourite positions), 8 languages

The app is available for iOS and Android™.
Be unique – CREATE your own bed control app

Bring a brand even closer to the end-user. Create your own and customised app in a few easy steps.

Get your name in the app stores and an app that displays your brand. We have made it easy to customise the Bed Control App to reflect your corporate identity and create brand awareness with your logo, colours and links.

The best of two worlds: your own brand on a fully tested app – with a minimum of effort. No need for reinventing the wheel to have an app as a control option.

Want to see how your customised app could look? Get a visit from one of our local sales people and they will take you through it via our new Product Customisation Tool.

Use your logo

Choose your colour

Link to your website

SDK – Software Development Kit

The SDK allows you to develop your own app, add extra features to the Bed Control App, alter functions, introduce a personalised layout, and much more. All you need is a good idea and an app developer to use the kit – LINAK® delivers the base.

We have made it easy for you to stand out. The LINAK® SDK is available for download on Google Play or the App Store.
HC40 – designed with you in mind

Inspired by a large user survey among consumers of comfort furniture, LINAK® developed a hand control more or less dictated by users. The LINAK® Hand Control HC40 is like nothing you have seen before. We made every survey response count, and instead of just one new hand control, we made it a whole family of four.

HC40 FRAME™ and HC40 TWIST™
Perfect design looks different depending on where in the world you are. This became the two HC40 variants – HC40 FRAME™ and HC40 TWIST™.

Standard or Advanced?
To meet requirements for 2-actuator beds, on which you can adjust the backrest and the leg support, a standard version of the HC40 was designed. However, some users expect to have far more features incorporated in their comfort bed. This is the reason for designing an Advanced version of the HC40. All four versions accommodate the request from brands and manufacturers for customisability.

Plus X Award winner
Both the HC40 FRAME™ Advanced and the HC40 TWIST™ Advanced won the Plus X-Award 20/21 in the categories:
- High Quality
- Design
- Ease of use
- Functionality
# Hand Controls for beds

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<th>HC40 FRAME™ Advanced</th>
<th>HC40 TWIST™ Standard</th>
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<td>Simultaneous drive</td>
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<td></td>
<td>Keypad backlight</td>
<td>Save favourite positions</td>
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| HC30     | Control up to 4 motors | Save favourite positions | Shelf function and keypad backlight | Simultaneous drive |
|          | Wireless              | Massage                | Integrated metal plate for magnetic attachment to the bed |
|          |                       | Torch function and keypad backlight |

| HC20     | Control up to 4 motors | Save favourite positions | Massage | Simultaneous drive |
|          | Wireless              | Massage                | Torch function and keypad backlight |

| HB10     | Easily operated | Switch on/off the Under Bed Light via the hand control |
|          | Simultaneous drive |

| HB10 Wired | Easily operated | Ergonomic design | Simultaneous drive | Available with memory | Cabled |

| HC10     | Easily operated | Switch on/off the Under Bed Light via the hand control |
|          | Simultaneous drive |

| HC10 Eco  | Housing is 50 % wood | Natural appearance | Switch on/off Under Bed Light |
|          | Simultaneous drive |

| HC05     | Small, compact design | Easily operated | Switch on/off the Under Bed Light via the hand control |
|          | Simultaneous drive |

## Did you know?

You can customise all of our hand controls to reflect your brand. Order it in another colour and/or add your logo.
Voice control solution

Enable voice control with your bed design
To make it easy for both bed manufacturers, designers and, most of all, end-users, LINAK has developed an all-in-one solution. It includes the Bed Control IoT App needed to create a user account, a full cloud solution, and a set of voice commands that work with Ok Google or Amazon Alexa. Combined with the WiFi2LIN Module it forms the LINAK® Voice Control solution.

**WiFi2LIN MODULE**
- Enable the bed with Wi-Fi
- Easily mounted under the bed
- Part of Voice Control Solution

**Voice Control**
- Control the bed by voice
- Works with Ok Google
- Works with Amazon Alexa

Voice control with your bed design

Set your bed apart with unique value-adding features.
Features ensuring differentiation (and branding) and at the same time, comfort and value for the end-user.

**Accessories**

- Massage motor
- Battery drawer
- LED Light Rail

**SMPS001/002 Switch Mode Power Supply**
External Switch Mode Power Supply
Compatible with TD4 Advanced and TD5 Advanced
- SMPS001 (230 V)
- SMPS002 (120 V)

**SMPS006 Switch Mode Power Supply**
A universal external Switch Mode Power Supply
Compatible with TD4 Advanced and TD5 Advanced
- A universal External Switch Mode Power Supply
- 100-240 V

**BA001 Battery box**
- Battery alarm (audio)
- Battery charging indicator (LED light bars)
- Capacity 2.2 Ah/53 Wh
- Nominal voltage 24 V
- Mounting bracket for easy mounting/demounting

If any of the Li-ion batteries built into LINAK® products are found to be defective under warranty, LINAK will provide a new product to the OEM. LINAK explicitly disclaims all other remedies. LINAK shall not in any event be liable under any circumstances for any special indirect punitive incidental or consequential damages or losses arising from any incident related to the inherent risk of thermal runaway in the Li-ion cell and any use of LINAK products. Moreover, LINAK explicitly disclaims lost profits, failure to realise expected savings, any claim against our customer by a third party, or any other commercial or economic losses of any kind, even if LINAK has been advised of the possibility of such damages or losses.
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Find answers to common questions about your HOMELINE motor system.
Support

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Built on state-of-the-art technologies and refined processes by competent people, you can expect the same quality worldwide.

Innovation is in our core. We have the curiosity to think innovatively and the power to make it real on all levels.

We are responsible in what we do – towards customers, employees and environment. Creating trust and taking care is in our DNA.

From global presence to local understanding. We believe in world-wide support and being close to our customers.