Actuator systems for comfort beds
Expanding your comfort zone
When the bedroom is about more than sleep

The bedroom is used to recover from a long day or to get ready for the next. When we relax with a good book before bedtime, are sound asleep after a long day or are having breakfast in bed on Sundays, there is one thing we all want. We want to be comfortable.

Movement and adjustability are key when it comes to individual optimal comfort. LINAK actuator systems for comfort beds make it an effortless and enjoyable experience to sit, sleep, or rest in bed. We improve comfort by making beds adjustable.
Offer maximum comfort in movement

Sound advice for improved comfort
Sound and sleep go hand in hand. Most people require absolute silence in order to fall asleep, and most experts argue, that nothing disturbs a healthy sleep more than noise. However, noise is far more than a snoring partner or distant traffic. For example, are you paying enough attention to the sound from the actuators in your adjustable bed? Sound inaudible to your ear can still affect your body and brain – especially when you sleep.

In making movement solutions for comfort beds, LINAK® pays close attention to sound. In fact, it plays a key role when we develop solutions. Through decades sound has been a defining factor for LINAK® dual actuators, and we are proud to say that our solutions are some of the most low-noise on the market. We see pleasant sound as a natural and integrated part of a comfort bed. We take sound seriously.

Have wireless hand controls
A hand control is one of the few technical parts of an adjustable comfort furniture that end users relate to daily. Functionality, design and appearance must go hand in hand. All adjustable beds powered by LINAK® actuators come with wireless hand controls. This way cables never get in the way, and users can keep the control within reach.

Emergency lowering during power blackout
Through more than 30 local sales offices across the world, LINAK has gained extensive market insights during the past couple of decades. We know that some areas have well developed power grids while other areas struggle with the occasional blackout.

Using LINAK® actuator systems, however, you are always on the safe side. Our dual-actuators are all equipped with a mechanical emergency lowering key. It is easy to reach and simple to operate when power is out. Alternatively, we suggest an optional 9 V battery for the emergency lowering.

Minimise energy consumption
The LINAK® ZERO™ technology ensures a low energy consumption for your elevation bed – as low as 0.1 W in standby mode. Apart from reducing the power bill, this helps minimise the CO₂ footprint of your movement solution significantly.

PVC Free™ environment
LINAK engineers continually try to develop and improve our products in order to minimise the environmental impact. Both dual and single actuators are made from LINAK® PVC-Free™ materials – cables and housing etc. This is good for the environment – indoor as well as outdoor.

The right approvals
Globalisation is a fact. However, standardisation is not, and requirements for adjustable comfort beds vary as much as the users enjoying their luxury. Standards and approvals differ from region to region – sometimes from country to country. Using LINAK® actuator solutions you can rest assured our system has the correct approvals. We also offer help and advice with your applications in order to establish your responsibility as well as our’s. Working with LINAK® you have a partner familiar with standards and approvals across the world, and a reliable supplier of world-class electric actuator systems.
The right actuator system no matter the bed style

No matter if you manufacture slatted beds or beds with box spring mattresses, and no matter what comes first to your design, state-of-the-art features or high-power solutions, LINAK® has the right actuator system for you. A system that fulfils your needs without compromising on quality or lifetime.

Standard Systems
The Standard editions of the LINAK® TWINDRIVE® dual actuators are for bed systems requiring back and leg adjustment and at the same time a range of contemporary features.

System examples:

**Dual actuator system**
- TD4 Standard
  - Max. lifting capacity: up to 4,500 N
  - Bluetooth® communication
  - Under Bed Light
  - Mechanical emergency lowering
  - TD4 is also available as TD4 Advanced
  - Soft start/stop

**Single actuator system**
- LA18 IC Standard
  - Max. lifting capacity: up to 6,000 N
  - Bluetooth® communication
  - Integrated controller
  - Under Bed Light
  - Soft start/stop
  - LA18 IC is also available as LA18 IC Advanced

**HC40 TWIST™ Standard**
- Easy operation up/down of up to 2 motors
- Under Bed Light
- Simultaneous drive
- Exchangeable batteries
- Ergonomic unique design
- Wireless

Control examples:

Bed Control App
iOS and Android based devices can be used to adjust the bed equipped with a TD4/TD5 dual actuator.
Advanced Systems
Systems using Advanced versions of the LINAK® TWIN DRIVE® dual actuators come with additional integrated features, such as memory function for saving favourite positions, and they can be used in both slatted beds and box spring beds.

System examples:

**Dual actuator system**
TD5 Advanced

- Max. lifting capacity: up to 7000 N
- Bluetooth® communication
- Under Bed Light
- Memory
- Emergency lowering
- TD5 is also available as TD5 Standard
- Soft start/stop

**Single actuator system**
LA18 IC Advanced

- Max. lifting capacity: up to 6,000 N
- Bluetooth® communication
- Integrated controller
- Memory
- Under Bed Light
- Soft start/stop
- LA18 IC is also available as LA18 IC Advanced

Accessories:
Massage motor

Control examples:

**Bed Control App**
iOS and Android based devices can be used to adjust the bed equipped with a TD4/TD5 dual actuator.

HC40 TWIST™ Advanced
- Control of up to 4 motors
- Massage
- Under Bed Light & Torch
- Favourite positions
- Program shortcuts
- Exchangeable batteries
- Supports alarm

Massage can connect to the actuator directly.
Offer your customer an app

Mobile device apps are expanding rapidly, and users embrace this trend. That is why we offer three options for you:

1) The Standard LINAK Bed Control App
2) The option to customise the Bed Control App
3) The Software Development Kit (SDK) for building a unique app

With the LINAK® Bed Control app we give the end user extended functionality. This means giving the end user access to a number of free features and get the most out of his comfort bed solution.

Choose this if...

- you want to offer a digital control option that is free and available in app stores today.

Choose this if...

- you want to offer a digital control option that reflects your brand. It has to be easy and at a minimal cost.

Choose this if...

- you want to offer a tailored digital control option that reflects your brand. It has to have other functionalities than the Bed Control App as well as a different layout.

Looking for a way to customise your control solution? Have one of our local sales people show you and walk you through it.
Hand Controls

HC05/HC10/HB10
- Easy operation
- On/off switch on the hand control for the under bed light
- Wireless
- Simultaneous drive

HC20 Wireless
- Control of up to 4 motors
- Easy operation
- Simultaneous drive
- Wireless
- Favourite positions
- Massage
- Torch function and keypad backlight
- Wireless

HC30 Wireless
- Control of up to 4 motors
- Favourite positions
- Torch function and keypad backlight
- Integrated metal plate for magnetic attachment to the bed
- Wireless

HC40 FRAME™ Standard
- Easy operation of up/down of up to 2 motors
- Under Bed Light
- Simultaneous drive
- Exchangeable batteries
- Wireless

HC40 FRAME™ Advanced
- Control of up to 4 motors
- Massage
- Under Bed Light & Torch
- Favourite positions
- Program shortcuts
- Exchangeable batteries
- Supports alarm
- Wireless

HC40 TWIST™ Standard
- Easy operation of up/down of up to 2 motors
- Under Bed Light
- Simultaneous drive
- Exchangeable batteries
- Wireless

HC40 TWIST™ Advanced
- Control of up to 4 motors
- Massage
- Under Bed Light & Torch
- Favourite positions
- Program shortcuts
- Exchangeable batteries
- Supports alarm
- Wireless

HC20 Wireless
- Control of up to 4 motors
- Easy operation
- Simultaneous drive
- Wireless
- Favourite positions
- Massage
- Torch function and keypad backlight
- Wireless
For further information about the HOMELINE® product programme:
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