Better Solutions - Better Care

Product Overview
With more people in need of care, but fewer hands to do the caring, there is an urgent need for new and innovative solutions. Intelligent adjustment systems in healthcare equipment will help promote more efficient workflows and improve comfort and safety of both patients and care staff.

At LINAK, we call this ‘Care For Tomorrow Today’. It is a mindset we apply to everything we do, and it requires us to relentlessly push our own technological ability.

In other words: Care For Tomorrow Today™.
Diverse movement built on knowledge and experience

When you choose LINAK® as your partner you build more than 35 years of dedicated application knowhow into your solutions. Find your area of expertise here and see how we can help you Care For Tomorrow Today.

LINAK PRODUCTS ARE DEDICATED TO

- Improving the quality of care
- Improving ergonomics
- Improving comfort
- Improving efficiency
- Improving safety
Evolve with LINAK® movement solutions

Building on our core values and the strong foundation of partnership, we offer a broad product range that can evolve with you.
Extensive product range with endless options

Whether you are introducing electric adjustment for the first time or you are seeking to update your current actuator solution with an advanced movement system, LINAK has everything you need to build and design world-class adjustable medical equipment. The result of decades of ongoing development is a product range so broad that you can combine in an almost endless number of different movement set-ups – analogue, digital, or as a full LINAK® intelligent care solution.

Everything is designed to fit together and can be customised to fit your application requirements. Building on our core values and strong foundation of partnership, we bring a vast product range that can evolve with you.

Analogue actuator systems

Going from a manual adjustment solution to a fully electric system immediately eases the physical stress on healthcare staff. It improves both ergonomics and overall efficiency.

Digital systems with OpenBus™ options

Introducing LINAK OpenBus™ communication to your actuator system opens a whole new world of options – regarding control and performance, as well as safety.

Intelligent Care Solutions

Improve the functionality of adjustable healthcare equipment significantly. Add for example extra actuators to create co-ordinated movement in complex patterns or build in intelligent features, such as a weighing solution, Out Of Bed detection, or service data monitoring.

Go to our website for more information about the MEDLINE® & CARELINE® segment.

LINAK.COM/SEGMENTS/MEDLINE-CARELINE/
Actuators

**LA12**
- Max thrust: 750 N
- Max speed: 40.0 mm/s
- IPX6

**LA20**
- Max thrust: 2,500 N
- Max speed: 8.9 mm/s
- IPX6

**LA23**
- Max thrust: 2,500 N
- Max speed: 22.0 mm/s
- IPX6

**LA27**
- Max thrust: 6,000 N in push (4,000 N in pull)
- Max speed: 13.0 mm/s
- IPX6
Actuators

**LA28**
- Max thrust: 3,500 N
- Max speed: 46.0 mm/s
- IPX6

**LA28 Compact**
- Max thrust: 3,500 N
- Max speed: 46.0 mm/s
- IPX6

**LA30**
- Max thrust: 6,000 N
- Max speed: 65 mm/s
- IPX6

**LA31 CARELINE®**
- Max thrust: 6,000 N push (4,000 N pull)
- Max speed: 32.0 mm/s
- IPX6
Actuators

**LA32**
- Max thrust: 6,000 N
- Max speed: 15.0 mm/s
- IPX6

**LA34**
- Max thrust: 10,000 N
- Max speed: 18.0 mm/s
- IPX6

**LA40**
- Max thrust: 8,000 N
- Max speed: 16.0 mm/s
- IPX6 Washable DURA™

**LA40 High Performance**
- Max thrust: 8,000 N
- Max speed: 20.0 mm/s
- IPX6 Washable DURA™
Actuators

**LA40 Patient Lift**
- Max thrust: 8,000 N
- Max speed: 9.5 mm/s
- IPX6

**LA44**
- Max thrust: 12,000 N
- Max speed: 14.0 mm/s
- IPX6
Lifting columns

**BL1 Standard**
- Max thrust: 2,000 N
- Max speed: 18.0 mm/s
- IPX6

**LC2**
- Max thrust: 5,000 N
- Max speed: 18.0 mm/s
- IPX0

**LC3**
- Max thrust: 6,000 N
- Max speed: 29.0 mm/s in 4,000 N
- Max speed: 18.0 mm/s in 6,000 N
- IPX6

**LP2**
- Max thrust: 2,400 N
- Max speed: 18.0 mm/s
- IPX1
Control boxes

CA30

- 2-channel, analogue
- Power: 120 W Switch Mode Power Supply
- IPX6 Washable DURA™

CA40

- 4-channel, analogue
- Power: 120 W Switch Mode Power Supply
- IPX6 Washable DURA™

CA63

- 4-channel, analogue/digital control box with wireless functionality
- Power: 200W Switch Mode Power Supply
- IPX6 Washable DURA™

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.
Control boxes

**CB6 OBM**e OpenBus™
- 4-channel, OpenBus™
- Power: 230 W
- IPX6

**CB8A**
- 2-channel, analogue
- Capacity 2.9 Ah
- Battery powered

**CB9C**
- 4-channel, analogue
- Power: 160 W
- IPX6

**PJ2**
- 2-channel port extension
- Functionality like control box
- IPX6 Washable DURA™
Control boxes

**CO41 OpenBus™**
- 4-channel, OpenBus™
- Power: 120 W Switch Mode Power Supply
- IPX6 Washable DURA™

**CO61 OpenBus™**
- 4-channel, OpenBus™
- Power: 200 W Switch Mode Power Supply
- IPX6 Washable DURA™

**CO65 OpenBus™**
- 4-channel, OpenBus™
- Power: 280 W Switch Mode Power Supply
- IPX6 Washable DURA™

**CO71 OpenBus™**
- 4-channel, OpenBus™ with Bluetooth®
- Power: 350 W Switch Mode Power Supply
- IPX6 Washable DURA™

**CO-Link™**

CO-Link™ is a LINAK concept allowing you to double the number of channels in your actuator system. It will operate with twice the power, and even allow you to control all of it with the same (single) hand control.
- Up to eight channels and more power (2 x 200 W)
- Simple set-up with cables and a piece of customised software
- Easy logistics using products you already have

Bluetooth® is a registered trademark of Bluetooth SIG, Inc.
Control boxes

JUMBO™ Home

• 2-channel, analogue
• Capacity 2.9 Ah battery
• IPX4

CBJ1/CBJ2

• 2-channel, analogue
• LCD display, as option
• Internal charger

CBJC

• 3-channel, OpenBus™
• Service data
• Redundant control
Controls

**ACC**
- OpenBus™
- Up to 11 buttons, lockable
- IPX6

**ACK**
- OpenBus™
- Up to 11 buttons
- Lockable

**ACL**
- Analogue or OpenBus™
- Global lock
- IPX6

**ACM**
- Analogue
- 3 lock switches
- IPX6
Controls

ACO

- OpenBus™
- Up to 20 buttons
- IPX6 Washable DURA™

ACOM

- OpenBus™
- Up to 13 buttons. LEDs
- IPX6

ACT

- OpenBus™
- All in one control
- IPX6 Washable

DPH

- Analogue or OpenBus™
- 2 buttons
- IPX4
Controls

FPP
- OpenBus™
- Up to 20 buttons
- IPX6

FS3
- Analogue or OpenBus™
- 1 channel per foot switch
- IPX6

FSE - (FSR, FSL)
- Analogue or OpenBus™
- Up to 2 channels
- IPX6
Controls

HB30
- OpenBus™ or analogue
- Up to 8 buttons LEDs
- IPX6

HB70
- OpenBus™ or analogue
- Up to 10 buttons
- IPX6 Washable

HB80
- OpenBus™
- Up to 12 buttons
- IPX6 Washable DURA™

HB100
- LINAK® Weighing Solution
- Intuitive user interface
- IPX6 Washable DURA™
Controls

**HD80**
- OpenBus™
- Up to 12 buttons, lockable, LEDs
- IPX6 Washable DURA™

**HL70**
- OpenBus™ or analogue
- Up to 10 buttons, lockable
- IPX4

**HL80**
- Analogue
- Up to 10 buttons, lockable
- IPX4
Accessories

BA16
- Lead acid battery
- Capacity 1.3 Ah
- IPX6

BA18
- Capacity 1.3 Ah
- Lead acid battery
- IPX6

BA19
- Lead acid battery
- Capacity 1.2 Ah
- IPX6 Washable DURA™

BA21*
- Li-Ion battery
- Capacity 2.25 Ah
- IPX6 Washable DURA™

* If any and all 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.
Accessories

BAJ Lead acid battery pack
- Lead acid battery for JUMBO™ system
- Capacity 2.9 Ah
- IPX5

CHJ2
- Wall-charger
- A wall charger for JUMBO™ system
- IPX5

COBO
- For use with the JUMBO™ battery pack and CU20
- Makes increased battery power available
- IPX4

BAJL Li-ion battery pack*
- Li-ion battery for JUMBO™ system
- Capacity 2.25 Ah and 4.50 Ah
- IPX5

Li-ion batteries - extended battery life
- Savings up to 40% compared to lead acid batteries
- 4 times more battery life compared to lead acid batteries
- Low environmental impact
- High performance
- Low weight
- Less waste
Accessories

MJB Under Bed Light
- OpenBus™
- External LED cable
- IPX6

MJB5
- Modular junction box
- SMPS for USB charging
- IPX6

MJB8
- Modular Junction Box
- Multiple intelligent features
- IPX6 Washable DURA™

Safety limit switch
- Universal limit switch
- IPX6 Washable DURA™
Accessories

Under Bed Light (UBL2)
- OpenBus™
- 3 LEDS powerful light
- Software-controlled light intensity

QLCI2
- Weighing Solution, 100 g precision
- Out Of Bed detection
- IPX6 Washable DURA™

Wet Sheet
- Wet Detection
- Cotton material
- Machine washable up to 85 °C
More than just world-class actuator products

WASHABILITY

Fighting infections with washable applications

We are confident when claiming that we will take you to ‘the next level of clean’ with the new LINAK standard, IPX6 Washable DURA™. This new standard helps hospitals improve hygiene as adjustable equipment, such as hospital beds, are machine washable to a degree that by far exceeds what is required by current norms.

Increased washability not only means a higher level of efficiency when fighting bacteria. The tests leading to high IP-ratings also ensure your applications a long service life and keep them fully operational – even after repetitive washing with hot water jets and strong detergents.

POWER & SPEED

Essential to have power and speed

More and more medical equipment require advanced movement to be able to perform efficiently. Modern operating tables, surgery chairs and X-ray equipment need powerful actuator systems to lift heavier loads as well as perform precise movement patterns.

To achieve this, the actuator systems need to be strong and sometimes include several actuators in different sizes and shapes. This calls for a powerful control box, intelligent software, and perhaps a LINAK CO-Link™, doubling the power available and allowing you up to eight channels in the system.
SAFETY
Safety to help increase efficiency in healthcare

LINAK systems improve the overall level of safety around adjustable hospital and care equipment. Extensive testing by LINAK is a safety precaution itself. A surplus of power also helps ensure flawless performance regardless of movement complexity or work load. However, a number of mandatory and optional features are directly aimed at improving safety around healthcare equipment. Whether it is about preventing unintended movement, limbs getting stuck in moving applications, falling accidents, or quick-release functions for emergency situations, LINAK has a solution to prevent injury to staff, patients, or the equipment.

Service Data Tool
Information about wear and tear to ensure efficient maintenance (SDT)

More elderly people, more patients, more complex ailments – all demanding specialised treatment and a high level of efficiency from hospitals and healthcare staff. This scenario can potentially make downtime quite costly, both in regard to medical procedures and in regard to the health and well-being of patients. A LINAK Service Data Tool offers detailed status of the wear and tear on the system as well as information on battery status. With the SDT you can localise strains and ultimately prevent faulty performance, and it allows you to access performance data via a user-friendly interface – troubleshooting made easy.
LINAK has a world-class sales and service organisation. Today we are present in 35 countries all over the world. For further information, please visit our website: LINAK.COM

TERMS OF USE
The user is responsible for determining the suitability of LINAK products for a specific application. LINAK takes great care in providing accurate and up-to-date information on its products. However, due to continuous development in order to improve its products, LINAK products are subject to frequent modifications and changes without prior notice. Therefore, LINAK cannot guarantee the correct and actual status of said information on its products. While LINAK uses its best efforts to fulfil orders, LINAK cannot, for the same reasons as mentioned above, guarantee the availability of any particular product. Therefore, LINAK reserves the right to discontinue the sale of any product displayed on its website or listed in its catalogues or other written material drawn up by LINAK.

All sales are subject to the Standard Terms of Sale and Delivery for LINAK. For a copy hereof, please contact LINAK.