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™.

Care For Tomorrow Today™ is the mindset we apply to everything we do

It is about keeping a strong focus on ergonomics and about thinking ahead to find intelligent care solutions to meet the healthcare challenge: More people in need of care, but fewer hands to do the caring.

Read more: LINAK.COM/CAREFORTOMORROWTODAY
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.

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

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.

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.

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

LINAK.COM/SEGMENTS/MEDLINE-CARELINE/
Actuators

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

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

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

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

LA28

- Max load: 3,500 N
- Max speed: 46.0 mm/s
- IPX6

LA28 Compact

- Max load: 3,500 N
- Max speed: 46.0 mm/s
- IPX6

LA30

- Max load: 6,000 N
- Max speed: 65 mm/s
- IPX6
Actuators

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

LA34
- Max load: 10,000 N
- Max speed: 18.0 mm/s
- IPX6
Actuators

LA40
- Max load: 8,000 N
- Max speed: 16.0 mm/s
- IPX6 Washable DURATM

LA40 High Performance
- Max load: 8,000 N
- Max speed: 20.0 mm/s
- IPX6 Washable DURATM

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

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

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

LC3
- 2- and 3-stage
- Max speed: 29.0 mm/s in 4,000 N
- Max speed: 18.0 mm/s in 6,000 N
- IPX6
Control boxes

CA30
- 2 channels, analogue
- Power: 120 W Switch Mode Power Supply
- IPX6 Washable DURATM

CA40
- 4 channels, analogue
- Power: 120 W Switch Mode Power Supply
- IPX6 Washable DURATM

CA63
- 4 channels, analogue/digital control box with wireless functionality
- Power: 200W Switch Mode Power Supply
- IPX6 Washable DURATM
Control boxes

**CO53 OpenBus™**
- 5 channels, OpenBus™
- Power: 190 W Switch Mode Power Supply
- IPX6

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

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

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

**Control boxes**

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

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

**PJ2**
- 2 channels, port extension
- Functionality like control box
- IPX6 Washable DURA™

**JUMBO™ Home**
- 2 channels, analogue
- Capacity 2.9 Ah battery
- IPX4
A LINAK® LIFT™ solution...

• Built for agility, giving you the flexibility to rapidly adapt to market changes
• Gives you brand differentiation in an increasingly competitive market
• Comes from a globally trusted supplier with in-depth healthcare experience

LIFT50™
• New compact and modern design
• Li-Ion battery
• Bluetooth® Low Energy
• Effective cable management
• IPX6
• Speed boost
• Low weight
• 3 channels integrated
• Possibility of 5 channels
Stay ahead of the curve
In a fast-changing world, you have to keep moving to stay ahead. As the first and largest provider of actuator systems, LINAK® has decades of experience and expertise in doing just that: keeping moving. Our value-adding solutions prepare our customers for tomorrow’s challenges with flexible innovative systems that keep you relevant and ahead of the curve in efficiency, reliability and end-user experience. Keep moving with LINAK®.

LIFT40™/LIFT40+™
- New and improved design
- Lead-acid battery
- Bluetooth® Low Energy
- Effective cable management
- IPX6
- 3 channels integrated
- Possibility of 5 channels
Controls

ACC

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

ACL

- Analogue or OpenBus™
- Global lock
- IPX6

ACK

- OpenBus™
- Up to 11 buttons
- Lockable
Controls

**ACO**
- OpenBus™
- Up to 20 buttons
- IPX6 Washable DURATM

**ACOM**
- OpenBus™
- Up to 13 buttons, LEDs
- IPX6

**DPH Medical**
- Analogue or OpenBus™
- 2 buttons
- Easily integrated in the application
Controls

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

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

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

FPP
- OpenBus™
- Up to 20 buttons
- 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™

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

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

HD80

- OpenBus™
- Up to 12 buttons, lockable, LEDs
- IPX6 Washable DURATM

HL70

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

HB190

- OpenBus™
- Up to 19 buttons, 21 LEDs
- IPX6 Washable DURATM

HB200

- Wireless BLE
- Lightweight
- IPX6
Accessories

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

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

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

**Safety limit switch**
- Universal limit switch
- IPX6 Washable DURA™
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.
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

MJB2

- Modular junction box
- Analog or OpenBus™
- IPX6 Washable DURA™

MJB5 Plus

- Modular Junction Box, OpenBus™
- New cable locking mechanism
- IPX6 Washable DURA™

QLCI2

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

**ABL**

- Analogue to Bluetooth®
- 2-sided PCBA for third-party products
- Easy and high adaption

**Under Bed Light (UBL2)**

- OpenBus™
- 3 LEDs powerful light
- Software-controlled light intensity
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.
Innovation is in our core. We take the lead and have the courage to make it real.

We are responsible in what we do—towards customers, employees and the environment. Creating trust is a natural part of who we are.

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

Built by market leading experts, using state-of-the-art technologies and perfected production methods, you can expect the same quality worldwide.