

MEDLINE[®]
IMPROVING EFFICIENCY

CARELINE[®]
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Focus on
Floor beds

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WE IMPROVE YOUR LIFE

Focus on low height beds for improved safety

Many hospitalised patients fall every year causing injury and increased length of hospitalisation. Furthermore the number of elderly people is increasing world wide and if an elderly falls from a bed it can be fatal.

Beds can be constructed with an ability to be lowered almost to floor height. For the end-user this lowering function means prevention of accidents to hospital patients and elderly people.

So what can LINAK do for bed manufacturers?

- LINAK can supply products designed to lower beds to floor height in order to prevent falls and accidents
- LINAK can supply products which are approved according to EN60601-1
- LINAK can supply complete actuator systems to ensure optimised product collaboration and potential

- LINAK is a global company which can provide a world-wide network of after sales service

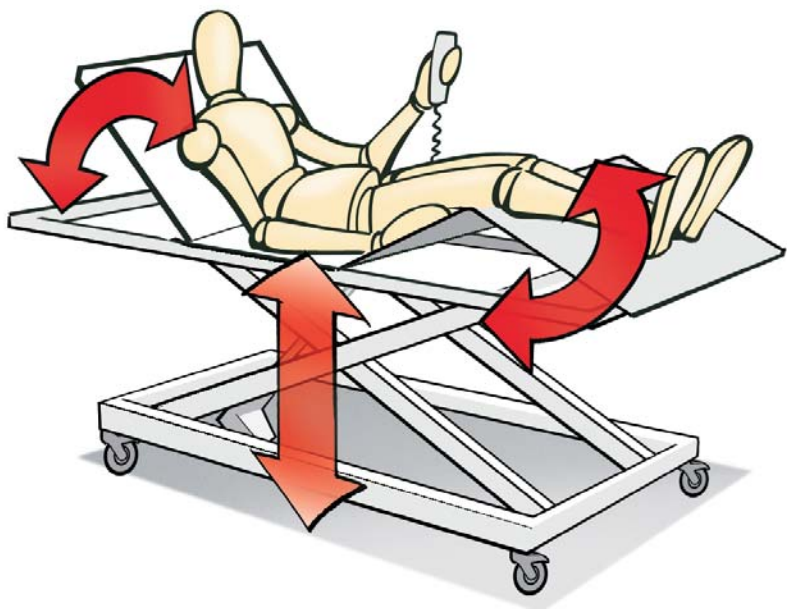
Advantages of using a low height bed:

- Ensures a safe resting height for residents who are prone to falling out of bed especially suitable for confused patients, patients with troubled sleep, and patients with senile dementia
- Hospitals and nursing care homes can minimise the number of accidents caused by patients falling out of bed - this can reduce the cost of increased hospitalisation due to injuries caused from falling out of bed
- As the bed can be raised to a normal height it can still give carers ergonomic working conditions

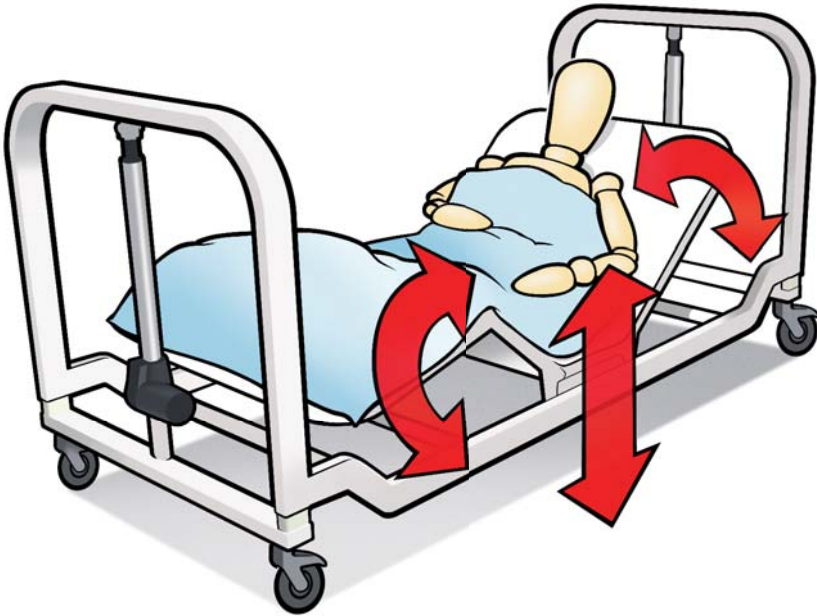


IMAGINE

bed principle



One principle for electric floor beds is use of a scissor bed. Here connected to the TWINDRIVE® Care motor and lifted to a suitable bed height to ensure the best working condition for carers and nursing staff.



Another principle for electric floor beds is actuators placed at the bed ends. In this diagram it is connected to the TWINDRIVE® Care motor and lowered to the floor using LA27 actuators.

The floor protector

Safety is key in today's hospitals and nursing homes. Hence, LINAK makes it possible to practice routines that make it easy and comfortable to ensure a safe environment for the patients and the caregivers.

Often it is important for the staff to move the bed into lowest position close to the floor level – a *"goodnight position"* so that the patients do not hurt themselves if they fall out of bed accidentally.

LINAK provides the adequate system to ensure an easy way of realising this routine.





floor beds

Solution A

CB6 - Value for the money

- Connection of up to 4 actuators (only LA27 as this control box was designed to be mounted on this actuator).
- Extremely compact design
- Protection Class: IP54
- Colour: Dark grey
- Class 2 protection



LA27 - An actuator with small installation dimensions

- Thrust up to 6000N (in a push application)
- Thrust up to 2000N (in a pull application)
- Protection Class: IP54
- Colour: Dark grey
- Options include mechanical safety nut, spline and back fixture position of 0 or 90 degrees



Solution B

CB9 - A compact control box

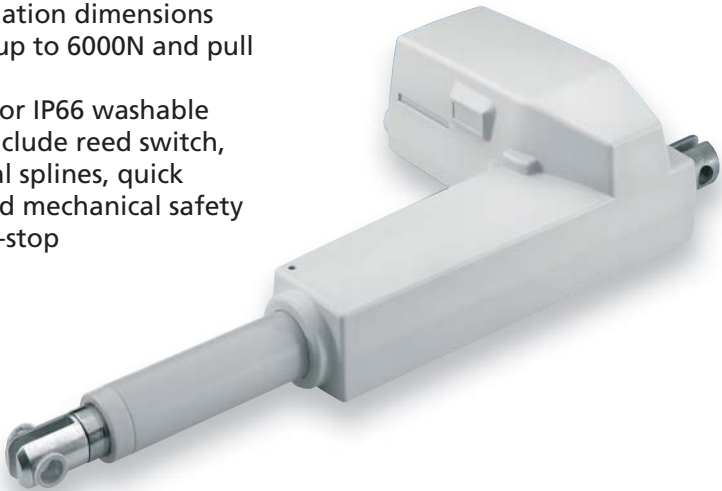
- Connection of up to 4 actuators and 1 handset
- Protection Class: IP51 or IP66
- Cable locking mechanism
- EAS (Electric Arc Suppressions), EOP (Electric Overload Protection) and double power control for safety



LA31 - The flexible solution

- Wide variety of stroke lengths and installation dimensions
- Can push up to 6000N and pull 4000N
- IP54, IP66 or IP66 washable
- Options include reed switch, mechanical splines, quick release and mechanical safety nut & end-stop

CB9 with
LA31 (6000N)



Hand controls for your floor bed

HB80

- Option of background lighting with OpenBus™
- Up to 12 buttons
- Customised front covers
- Hook
- Memory options



HB70

- Can control up to 5 actuators
- Up to 10 buttons
- Hook
- Customised front covers
- Memory options



HL80 and HL70 give you the same features as HB80 and HB70 respectively.

Furthermore it is possible to lock some or all bed positions using a small key.

This can prevent patients from ending up in positions that are bad for recovery.



Accessories for your floor bed

The accessories for floor beds we can offer are Mini Attendant Controls and Attendant Control Locks. These items can lock some or all of the functions of the bed. They are fitted to hospital and care beds for use where patient positioning must be carefully controlled by the carers / nursing staff.





Global presence

LINAK has a well-developed sales and service organisation in Europe, America, Asia and Australia. Therefore, we can assist you and your customers locally, under the global sales concept idea: **Be global, act local**

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