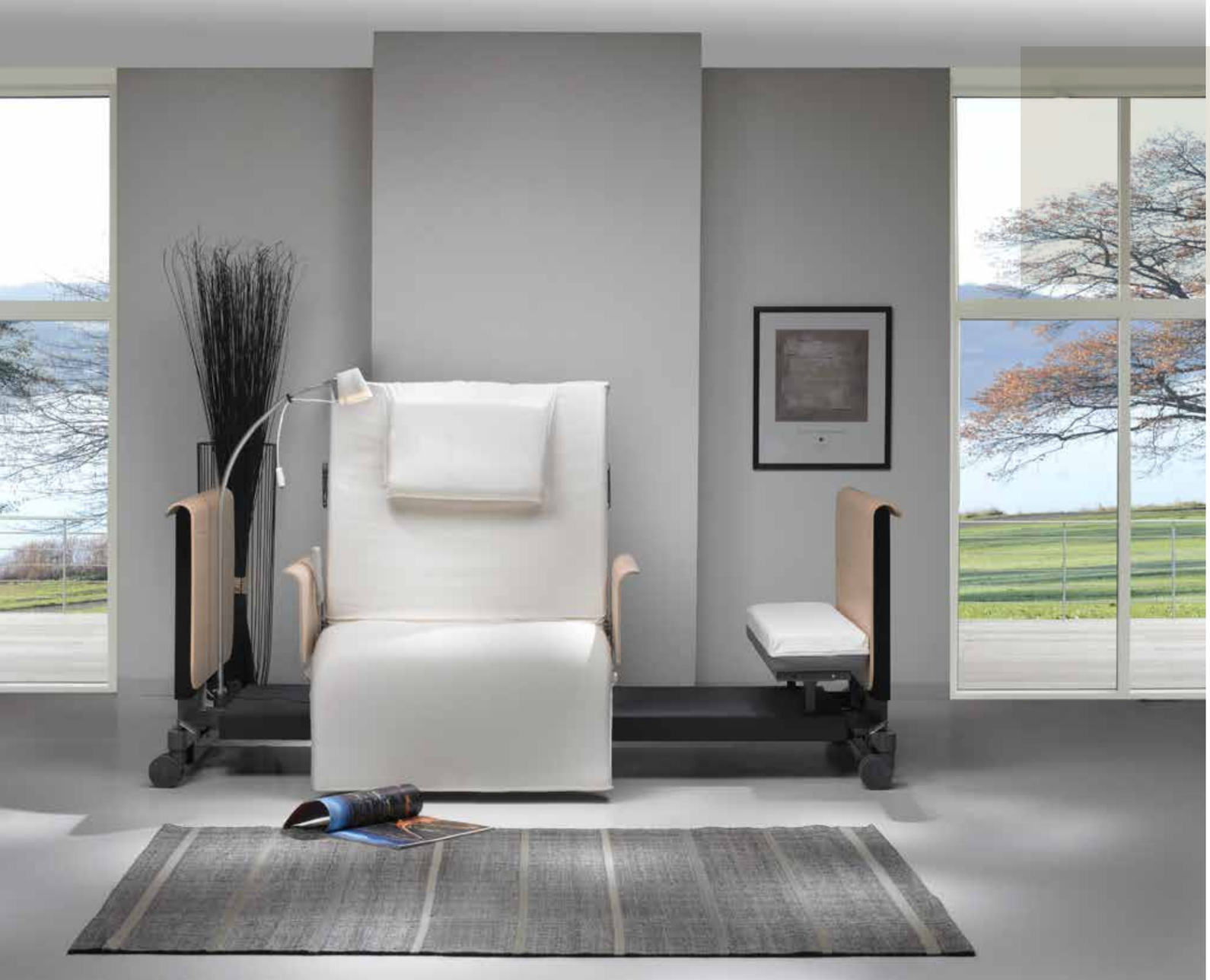
RotoBed® Free

Rotate Life Better

RotoBed® aims to deliver the world's best care beds. RotoBed®Free offers users and staff an increased quality of life, less pain and a better working environment.

RotoBed®Free is tested with a user weight up to 190 kg, and with the possibility of extra low bed height down to 32 cm it is suitable for both overweight as tall or small users.

With a rotating RotoBed®Free, it takes less than one minute and just a push on a single button to go from lying to standing up. We call that good welfare technology.



Hans Sandgren Jakobsen

RotoBed® has won several design awards, including the prestigious IF Design Award.

The harmonic design is created by Danish furniture designer Hans Sandgren Jakobsen. Overlooking the sea and sky from his studio at Grenaa Harbor, Hans Sandgren Jakobsen works on the basis of Scandinavian design.

Innovation, aesthetics and functionality are the three key words that Hans Sandgren Jakobsen himself emphasizes most during his design process.

This fully agrees with RotoBed® and our desire to provide care beds that increase the user's quality of life and at the same time appear like homely furniture.

Hans Sandgren Jakobsen has received numerous awards and prizes for his work, including the Red Dot Design Award, IF Design Award Gold, the Formland Prize and and most recently, for RotoBed® the IF Design Award 2024

EUROPEAN PRODUCT DESIGN AWARD

SIT FURNITURE DESIGN AWARD WINNER 2020

reddot winner 2022

iF DESIGN AWARD 2024

RotoBed®Free care bed with fully automatic rotation

- With a RotoBed®Free, people who have difficulty getting in and out of bed, are now able to do so with no physical effort.
- Just by a single touch of a remote control the bed is elevated to chair position and rotated perpendicularly towards the room.
- This facilitates both exit and transition to a wheelchair or stand-aid.
- The patient surface i 4-sectioned and provides optimal support.
- Besides the rotating function also height, back part and leg part are adjusted with the remote control.
- The rotating mechanism is both quiet and very comfortable for the user.
- Simple and comprehensive remote control.
- Several welfare technology surveys have shown that a RotoBed® enhances the user's level of mobility and quality of life, reduces workloads for staff and saves time / money.

RotoBed®

Testimonials

My wife has less pain and more dignity

Nadal Antonioni, Florida, USA. His wife Dora is partially paralyzed after several operations and a spinal fusion.

Dora used to have a simple hospital bed and we struggled to move her out of the bed for meals, toilet visits and visits to doctors. We have two care givers, who are very capable on moving techniques, but it still required a lot of physical efforts and care to get her out of bed without hurting her.
We could not find a bed that would solve these problems until, luckily, we found RotoBed® over the internet.

The rotational feature is unique; we did not find something similar in any bed, it is fantastic. It makes the task of helping my wife out of bed much easier and safer, and the care givers are very happy, since there is no need of physical effort. In addition, the ability for the bed to be moved up and down in height makes it much easier for the care givers to wash her and care for her.

My wife is now much more comfortable and can live a life with less pain and more dignity, and the care givers are happy. We have several health professionals coming to treat my wife they all say they never saw a bed like this, so elegant and well designed.

The RotoBed®Free made Hans self-reliant

Hans Villadsen, 77 years old, Solrød, Denmark.
Suffers from PSP (atypical Parkinson's).
His wife Else says:

Two years ago, it had become so difficult for Hans to control his movements that he often fell when he got out of bed. He could not lift his own legs out of bed, and it became too hard for me to help him by myself. He weighs almost twice as much as I do. The municipality suggested a RotoBed®Free. We were not even aware that such a thing existed, but it sounded like a dream, and it really made a difference right from the start. Hans still needs to be guided a bit - e.g. I tell him to move his right foot forward a little - but apart from that he manages.

I cannot imagine Hans having to live a life being hoisted in and out of bed. Hanging up there, and... it is uncomfortable, unworthy. I want him to keep the mobility he has, after all, for as long as possible. He can do that with his RotoBed®.

It was a physical relief for me when we got the bed. But it has meant so much more to Hans. As an ambulance driver, he has helped other people all his life. Suddenly he was the weak one and that was hard for him. When he became self-reliant again with this RotoBed®Free, it turned back on the light in his eyes.

Now Josef can get some fresh air

Josef Ribi, 89 years. Székesfehérvár, Hungary.
Suffers from Parkinson's. His son Peter explains:

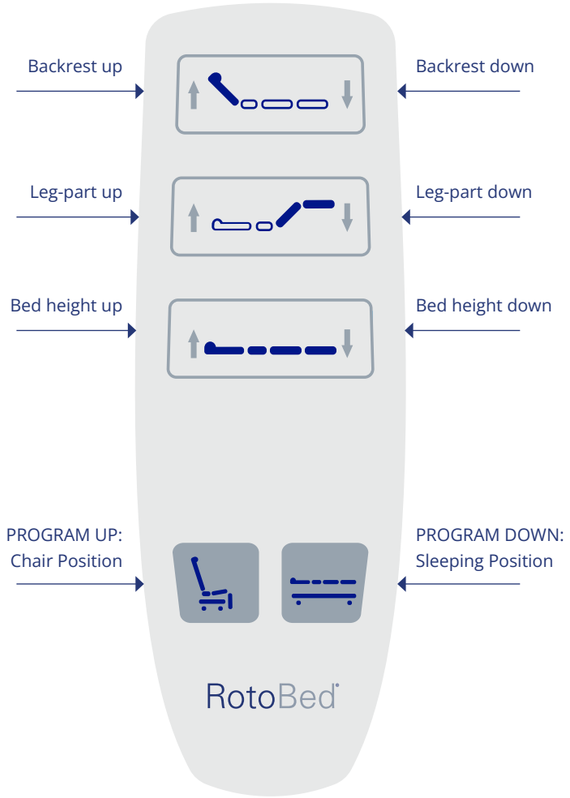
All his grown life, Josef Ribi has worked hard. He is strong and survived both cancer and a heart attack during his life. But 9 years ago, Josef was hit by Parkinson's, and gradually he is losing control of his movements. At the same time, it gets harder and harder for his wife to help as she also has poor health herself. It pains Josef's son Peter to watch his father become less and less self-reliant.
"It is a big change for him. He was always an active man, and now he was practically restricted to his flat", says Peter Ribi.
Two years ago, it had become almost impossible for Josef to get out of bed. By coincidence Peter saw a Facebook video presenting RotoBed®.
"I could see this bed could be a great help for my parents, and my father was open to try it."
Today, the RotoBed®Free helps Josef in and out of bed every day and allows him to spend his energy on the trips to the small courtyard and the birds in it. Peter Ribi does not regret spending money on a RotoBed®
- Without this bed it would be almost impossible for my father to get out of bed. He is so happy about it and very often tells me how grateful he is that I got him a RotoBed®. This bed is fantastic.

Simple and comprehensive remote control

Adjusting height, back-part, leg-part and comfort position of a RotoBed®Free is easy.

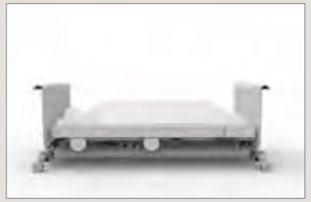
User-friendliness is high, with only few and intelligible keys on the remote control. The two buttons “Chair Position” and “Sleeping Position” control the entire bed’s rotation cycle.

It is also possible to store, using the remote control, your individual favorite settings for exit height, inclination of the backrest, as well as oblique or perpendicular exit.



Intelligent height adjustment

A RotoBed®Free care bed offers safety during sleep, mobilization and care. The bed ranges in height from 32 cm to 82 cm. In order to offer each user the optimal exit position, the exit height can be adjusted and stored individually.



Safe sleep

The possibility for extra low bed height 32 cm above the floor prevents falls.

Optimal outing

Depending on the user’s height and leg length, the bed’s exit position can be adjusted individually.

Perfect care height

With a maximum bed height of 82 cm, caregivers and relatives can perform care in a good working position.

Welfare technology with care

In the park just outside our office, RotoBed® employees have views of both swans and breeding kingfishers. The beautiful animals daily remind us of our responsibility to protect the environment and nature.

RotoBed® strives to use long-lasting materials that are sustainable and reusable. Our fabrics come from the Danish company Kvadrat, which works purpusfully with sustainability and has achieved a large number of environmental certificates in the EU and globally. Kvadrat aims for CO_2 neutrality and conducts life cycle analysis for it's products.

When our beds leave the production, it also happens on pallets and with packaging that is either recyclable or degradable.

Design your own RotoBed®

A RotoBed®Free is a harmoniously designed piece of furniture. There are several ways to add your personal touch to the bed. All wooden parts are available also in black. Furthermore, the outside of the gables can be coated with quality fabric in different colours.

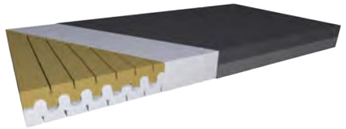
Similarly, we have created a textile cover that emphasizes the design and conceals the bed's cables and technology parts.

The standard fabric is developed and manufactured by Kvadrat exclusively for RotoBed® and consists 100 % of recycled plastic bottles – without compromising on the fabric's features and beautiful finish.
The textiles are both durable and washable.

Fabric colours

Anthracite	Ivory	Dark petrol	Emerald	Stone gray	Curry
Orange	Ruby red	Ebony	Wine red	Paul Smith Stripes	Black leather

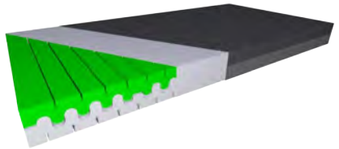
Documented pressure ulcer prevention



RotoBed®ErgoSleep – the quality mattress

2-layer quality foam mattress. Profiled surface ensures that the air circulates in the mattress, so that heat and moisture are directed away and promotes a good microclimate in the mattress. Prevention and treatment of pressure ulcers in stages 1-2.

Recommended user weight 40 kg - 120 kg.



RotoBed®SafeSleep – the luxury mattress

2-layer quality mattress combining pressure distribution and comfort. Viscoelastic foam molds after the body and distributes the body's weight over the entire lying surface to avoid high point pressures. Prevention and treatment of pressure ulcers in stages 1-3. Materials and construction increase flexibility and airflow.

Recommended user weight 40 kg - 140 kg.

RotoBed®BariaSleep – the bariatric mattress

2-layer quality mattress with foam layers especially designed to distribute the body weight evenly to minimize horizontal shear and avoid pressure points. High density foam provides a stable and pressure-absorbing base to prevent the user from “sinking” into the mattress.Prevention and treatment of pressure ulcers in stages 1-3.

Recommended user weight 100 kg – 190 kg.

RotoBed® RoHo® - Decubitus protection mattress

Quality anti-decubitus mattress with proven decubitus protection and treatment in all stages. The air cells are made from soft and flexible neoprene. The linked cels provide a large contact surface and a constant low pressure on both skin and deeper tissues. The mattress requires no use of an electrical pump. This makes transfer easier and saves user and staff of unpleasant noise, vibration, and heat.

Recommended user weight 40 kg – 190 kg.

All matresses are naturally produced without CFC and are CertiPur and Oekotex-100 certified.

RotoBed®AirSleep - hybrid mattress

Decubitus, also known as pressure ulcers, can be very painful and require prolonged treatment and care. Pressure ulcers arise where the skin is close to the bones, for example on the back, hips and heel, and are caused by prolonged pressure against the skin and the tissues just below.

A healthy person changes position up to 30 times in one night, but unconscious, paralyzed or weakened people are unable to do so and will develop pressure ulcers if prevention is not initiated.

The best from 2 worlds

A hybrid mattress combines the pressure distribution properties of advanced foam mattresses with the periodic pressure relief as with alternating air mattresses.

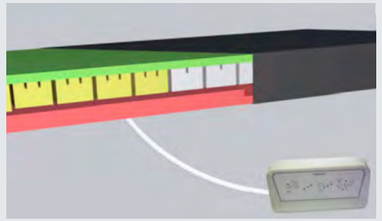
Start by using RotoBed®AirSleep as a good pressure-distributing foam mattress with a high level of sleeping comfort. When the alternating function for periodic total relief of pressure against the skin is needed, just switch on the connected pump.

When the alternating function is no longer needed, simply disconnect the pump, and the mattress again works as a comfortable pressure-distributing mattress.

The ability to switch between static and dynamic function limits expensive and time-consuming mattress changes. This makes the hybrid systems particularly suitable for use in patient’s homes, palliative care environments and hospital wards with patients at risk of pressure ulcers.

Protection and prevention of decubitus in all stages. Very quiet alternating system with a 3-year warranty.

User weight from 40 to 190 kg.



Technical info

Height range: ..... 32-82 cm
Mattress width:.....85/100 cm
Mattress length: .....205/215/225 cm
Wood: ..... Oak veneer
User weight: ..... max 190 kg
Rated load: ..... 225 kg

Weight indications:

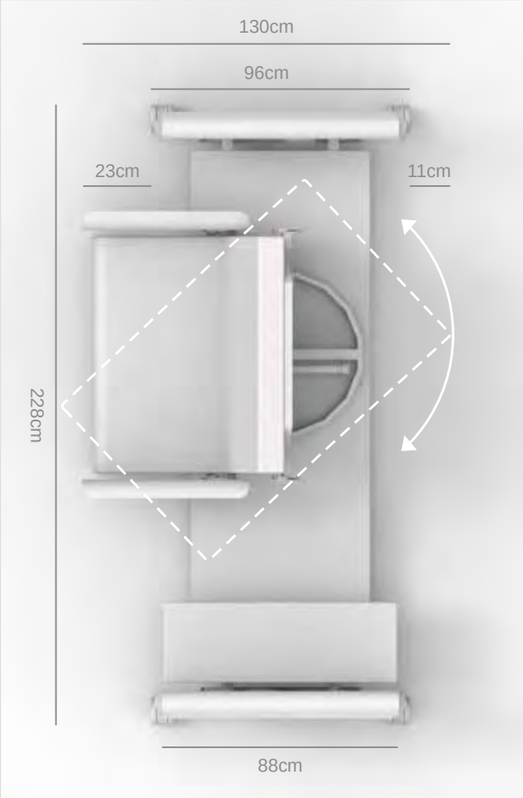
Headboard: .....39 kg
Footboard:.....46 kg
Frame:.....80 kg
Total weight:..... 165 kg

Requirements and standards:

RotoBed®Free is CE approved and meet the latest European standards and requirements for care beds. International standard IEC 60601-2-52.

The beds withstand wash, approved according to standard IPX6W.

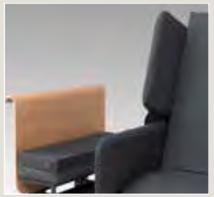
Motors and control box are developed in cooperation with Linak.



RotoBed®Free bed can be divided into three parts, which simplifies transportation.
30 beds can be packed in a 40 foot container.

Accessories

RotoBed®LED Lamp
Elegant lamp to be placed in the bed's built-in holders, in either right or left side of the bed.



RotoBed®Upholstery
Covers both bedrails. Material: Quality fabric from Danish Kvadrat, made of 100 % recycled plastic. Washable at 60°c.

RotoBed®Bedside Table
Oak veneer. Swiveling, mounted on either side of the bed. Diameter 30 cm. Inner height: 5 cm.
Also avaiable in black.
Design: Hans Sandgren Jakobsen

RotoBed®Pillow
Pillow in thermos-elastic foam, width 80 cm.

RotoBed®Pillowcase
Made of soft cotton jersey, attachable at backrest. Washable at 60°c.

RotoBed®Underbed Light
Two soft spotlights will turn on whenever the RotoBed® is rotated towards exit position. When the bed is rotated back, lights will go out.

RotoBed® Wallspacers
Ensure the right distanse between the bed and the wall and prevent damage to the motors.

RotoBed®Lifting Pole
Including handle with seat belt.To be placed in the bed's built-in holders, in either right or left side of the bed.

RotoBed®Sheets
Sheets made of soft cotton jersey. Set consisting of a sheet for both main mattress and foot mattress. Washable at 60°c.
Also available in black.

RotoBed®Protection Cover
Mattress cover made of supple, stretchable foil. Semi-impermeable, washable at 60°c. The top can be zipped off separately for washing.

RotoBed®Bedrails, long, metal
Provides good support when getting in and out of bed.

RotoBed®Bedrails, long, oak veneer
Provides good support when getting in and out of bed. Also available in black.

RotoBed®Bedrails, short, metal
Provides good support in connection with transfers in bed.

RotoBed®Bedrails, short, oak veneer
Provides good support in connection with transfers in bed. Also available in black.

RotoBed®RotoSlide
A slide sheet designed for people with difficulty turning over in bed.

RotoBed®RotoSlide 2way
Sliding sheet facilitating sideways transfers in the bed. Slides in two directions. Use in combination with RotoBed®RotoSlide.

RotoBed®RotoTurn
Sliding and turning system with integrated locking function.
Specially adapted to RotoBed® rotative beds.

RotoBed®Battery Backup
Lithium battery from LINAK.
Covers approximately 10 x cycle without power.

RotoBed®Trolley
Enables manual elevation of the RotoBed® to vertical position. CE marked and approved by the Danish Technological Institute.

RotoBed®RotoLift®
Elevates RotoBed® to vertical position with no physical exertion. To be used in combination with RotoBed®Trolley. CE marked and approved by the Danish Technological Institute.

Contact us to learn more

RotoBed® delivers the unique rotating beds to large parts of the world.

We value high quality and service and we have extensive experiencein tailoring welfare technology solutions for municipalities, institutions and individuals.

RotoBed® rotative beds are produced with a strong focus on sustainability and recyclable materials.

For an appointment or more information, please do not hesitate to contact us.

RotoBed®

Rotate Life Better

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EUROPEAN PRODUCT DESIGN AWARD

SIT FURNITURE DESIGN AWARD WINNER 2020

reddot winner 2022

iF DESIGN AWARD 2024

RotoBed® believes in the concept of healing design. Good design contributes to a higher quality of life, and our beds have won several acknowledged design awards.