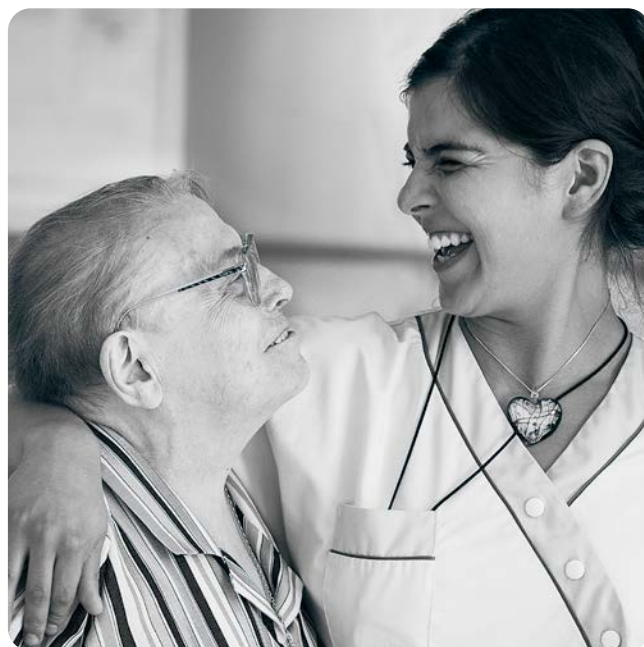


■ ■ wissner-  
■ ■ bosserhoff

Functional. Intelligent. Dignified.

## sentida sc

Universal low nursing beds





# As diverse as your needs...

## sentida sc – universal low nursing beds

Thanks to medical and technical advances, people's life expectancy has been rising steadily for decades. The increased life span of today has a variety of effects.

**It is the great wish of many elderly people to be able to spend their twilight years in a familiar environment.** At the same time, society's perception of older people is changing: For many seniors today, retirement no longer means standing still, but is a phase of life in which they pursue diverse interests and want to live a full and active life.

**New concepts for living well in their older years are in demand.** These include the desire to live in a more home like environment, maintain individuality, safety and comfort while having the flexibility of the products they use daily to change within their environment as they themselves change.

wissner-bosserhoff is aware of these demands and changes. We have adapted to this as an internationally active company in the care sector.

Seniors have different needs and requirements in regard to their lives and living environments.

With the new sentida sc bed platform and customized concepts, we can respond to different requirements even more flexibly, efficiently and in a needs-oriented manner. We want to support the preservation and promotion of individual mobility as an overarching and essential goal in care in a solution-oriented manner.

**Functional. Intelligent. Dignified.**



Care is highly demanding: empathic, social, versatile, intercultural and above all professional. It is facing major changes and challenges.

Technical and digital developments will play a decisive role in shaping care in the future.

Thomas Erbslöh, Managing Director wissner-bosserhoff GmbH

# Functional. Intelligent. Dignified.

The sentida sc premium nursing home beds from wissner-bosserhoff are a consistent and uncompromising implementation of the 360° approach to the further development of requirements for contemporary care.



## Individual mobilization

Maintaining mobility and promoting mobility are key goals in professional care.



## Safe sleep

Rest and sleep with needs-based functions of a universal low-nursing home bed.



## Bed exit sensor system

Individual support and safety through intelligent sensor technology without restricting resident mobility.



18

### Professional digitalization

Innovative, digital solutions to support individual care activities and complex care processes.



20

### Intelligently networked

Be sustainably prepared for future care requirements.



24

### Needs-based care

Optimum and safe access to the resident.

## Living ideas

Discover suitable concepts, tailored to different types of living, needs and requirements.

Old town



6

Cottage



16

Sunset



22

Seaview



28



## Living idea **Old Town**

Design Dfx | Decor Norway Maple





Customized for...

- Senior residences
- Assisted living
- Rehabilitation clinics
- Special care with severe physical limitation or immobility





# Individual mobilization

Maintaining and promoting mobility is a key focus in professional care

People attach great importance to their own mobility. Mobility is the decisive factor of all activities of daily living, many other things depend on it.\*

It is not without reason that the maintenance and promotion of individual mobility, especially of older people, is a core category of care.

Appropriate nursing measures make an important contribution to preventing the development of new functional impairments and health disorders that affect mobility and

promote a process that can lead to extensive dependence on assistance and the need for long-term care.\*

### The focus is on people and their resources

There is no standard mobilization that helps every resident using the same techniques. Supporting, accompanying measures can only be individually adapted to the respective situation and the person.

Mobility maintenance and promotion cannot be considered in isolation either, but should be closely linked to ergonomics and ergonomic work processes.

This applies equally to safe mobilization "out of bed" and "in bed".

**The universal low nursing bed sentida sc from wissner-bosserhoff is designed in such a way that its equipment can be adapted to different needs and specific requirements.**



Play video



In my bed, I am in good hands, I can easily adjust it and I can get up comfortably – without help.

Walter Schulte, resident



## Solution 1

### SafeFree® assist devices – Safe mobilization regardless of body size



#### SafeFree® is

- Optimally designed for bed egress
- Individually positionable
- Easy to grasp and hold
- A safe stand-up aid – alone or with support

The additional **PLUS** of sentida sc:

The 4 split assist devices allow flexible configuration of the SafeFree® assist devices – depending on need, requirement and budget as a fixed or flex variant and as partial or full protection of the nursing home bed.

Individual retrofit options enable flexibility as the residents needs change.

## Solution 2

### MobiStick 2 – Manual mobilization assistant



#### MobiStick 2 is

- Quick and easy to install,
- Clever and easy to use,
- Supportive when sitting upright on the edge of the bed,
- Ergonomic and provides additional support when standing up.



### Solution 3 SafeControl® handset – Clear, ergonomic and intuitive

#### SafeControl® is

- clear and ergonomic in design,
- intuitive to use and user error proof,
- easy to read even in the dark thanks to the motion sensor system with backlighting
- flexible and secure to place on the SafeFree® assist devices element
- equipped with special care functions
- secured against incorrect handling by an integrated locking function.

The additional **PLUS** of sentida sc:  
The SafeControl® handset can be placed on the left or right side of the bed without tools, quickly and - where it is needed.



#### Resident functions

- Backrest adjustment
- Auto contour
- Height adjustment

#### Activity buttons

- Up / Down
- LED status indicator

#### Maintenance functions

- Automatic comfort seating
- Automatic prevention

#### SafeControl® operating philosophy

##### Care mode:

All selection buttons unlocked

##### Locking mode:

All functions of the handset locked.

##### Resident mode:

The resident can use the light gray buttons.





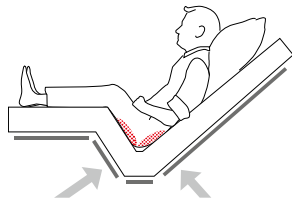
Nursing measures to maintain or promote mobility help to preserve elementary basics of independent living.

Expert standard according to § 113a SGB XI "Erhaltung und Förderung der Mobilität in der Pflege" (Maintenance and promotion of mobility in nursing care), Update 2020



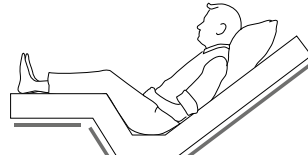
#### Solution 4 Double retraction of the bedding area – Safe and comfortable mobilization in bed

— Standard bedding area without relief



Single retraction = risk of pressure injury

+ WIBO bedding area with notable relief



2.0 inch ← → 4.7 inch  
Double retraction = pressure injury prevention

#### The double retraction

- optimizes the support surface in the seat area by increasing the surface area of the backrest and thighrest,
- reduces pressure on sensitive areas of the body such as the buttocks and coccyx,
- facilitates breathing by creating more space through a relaxed sitting position in the chest and abdominal area,
- in combination with the long backrest of almost 35.4 inch offers preventive and comfortable positioning of immobile residents.

Double retraction = 6.7 inch more space in the bed!

#### Solution 5 Automatic positions – Fast, easy and ergonomic thanks to the one-button philosophy



Watching television, reading or eating breakfast in bed with automatic comfort seating



Pressure ulcer prevention and heel release through automatic prophyllaxis

#### The automatic comfort seat and the prophyllaxis position

- promote the well-being of immobile residents in particular,
- increase the quality of life of residents in bed,
- support nursing strategies in the area of pressure ulcer prophyllaxis and wound management.



## Safe sleep

### The optimal low position for a comfortable rest and sleep

Most people want to remain mobile and independent into old age. In the course of the natural aging process, however, intrinsic mobility decreases or is restricted. This increases the individual risk of falling.\* Nursing home residents are at increased risk for falls. Often these falls can result in injury which requires treatment but even where less serious falls occur, the healing process is often protracted, and self-confidence in one's own abilities declines. In addition, there is the fear of falling again.

This can often be more stressful than the fall event itself. Fear of falling is common with older people.\*\*

Individuals with fear of falling limit their mobility. Over time, independence is lost and the level of need for care may increase.\*\*\*

#### **Fear of falling occurs more often at night.**

The darkness additionally complicates the orientation in the room, the estimation of

distances and the ability to walk safely. In order to break this cycle, targeted and needs-oriented efforts should be made to strengthen self-confidence and thus prevent fear of falling, as well as to provide optimal support for physical resources.

**sentida sc from wissner-bosserhoff offers solutions that take into account different degrees of care, individual possibilities and abilities of elderly residents with the help of sustainable and conceptual equipment options around the nursing home bed.**



▶  
Play video

\* Research and analysis of care dependency terms and assessment instruments; Copyright © GKV-Spitzenverband 2011 / ISBN: 978-3-7747-2308-5. Sturzprophylaxe in der Pflege - Expertenstandards leicht verständlich; Stand: Januar 2013 Taking into account the 1st updated version of the 2013 expert standard / Bundesinteressenvertretung für alte und pflegebetroffene Menschen (BIVA) e.V.

\*\* S. Schlee: Fall in old age and its consequences - The beginning of the end? ARS MEDICII DOSSIER XI, 2016

\*\*\* A. Zegelin: "Being nailed down" - The process of becoming bedridden by gradual place fixation; Pflege 2005; 18:281-288 © by Verlag Hans Huber, Hogrefe AG, Bern 2005.

## Solution 1 Low position 9.1 inch – Safe sleeping without restricting personal needs



### The low position with 9.1 inch offers

- familiar home like appearance ,
- a sensible solution without the resident feeling restricted,
- the resident the opportunity to still stand up safely under their own power.



## Solution 2 SafeFree® in orientation position – Fear reduction without unnecessary barriers



### The head-side orientation position of the assist devices can

- in combination with the low position of 9.1 inch additionally support safety,
- avoid unnecessary barriers and reduce the risk of falls.

### The additional PLUS of sentida sc:

Low position with 9.1 inch and a patented and adaptable side protection concept that allows unrestricted case-by-case considerations in the planning of care measures.

The assist devices are also optionally available as individually lockable.

## Solution 3 SafeFree® fix and flex – Adapted to different room concepts

Maintenance facilitation through flexible access



### The additional PLUS of sentida sc:

The 4 split assist devices in combination with a wide range of configuration options for the SafeFree® assist devices – as a fixed or flex variant and as partial or full protection of the nursing home bed – support people at risk of falling and allow decisions to be made on a case-by-case basis.








## Bed Exit Assistance System – What does it actually mean?

SafeSense® signals the nursing staff that the resident has left the bed or is about to leave. This allows falls to be detected earlier than through routine checks.

In principle, a bed exit assistance system works like a kind of traffic light. In this way, the mode of operation can be explained clearly and very simply:

 **Timer not activated**

 **Timer activated**  
→ E.g., 15 minutes for going to the bathroom at night

 **Timer expired**  
→ Signal to the call system

## SafeSense® – the intelligent bed exit sensor system

The wissner-bosserhoff 3 point vision for the elderly:

- Promoting and maintaining their health
- Strengthening their autonomy
- Improving their quality of life

This vision guides us in our development of products and services for care. Safety plays a key role in conjunction with our intelligent bed exit sensor technology as we add new capabilities to our products.



Image similar

## Solution 4 SafeSense® –

### Autonomous, safe bed exit with individual call notification

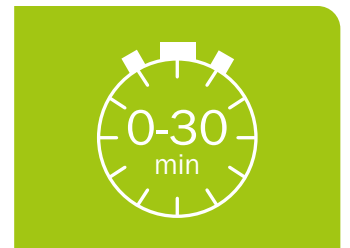
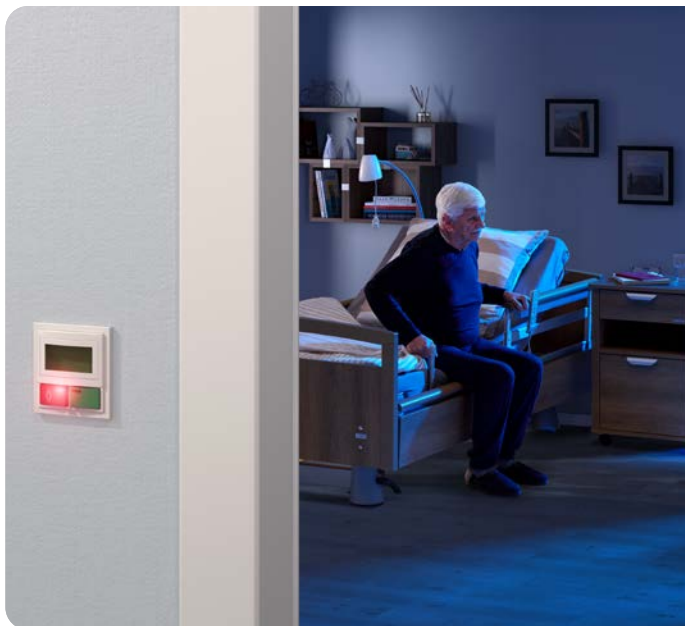
#### The bed exit assistance system

- signals to the nursing staff that the resident is about to leave the bed,
- works with an adjustable timer function (0 - 30 min) according to the traffic light principle,
- can optionally be connected to an automatic undercarriage light system that is activated when the bed is turned down,
- can be connected to the call system,
- is available as a radio and cable solution,
- can be retrofitted.\*\*

#### The additional **PLUS** of sentida sc:

- The complete solution to falls prevention: Low position with 9.1 inch
- + as well as the patented adaptable side protection
- + intelligent bed exit assistance system

SafeSense®  
PDF download



#### Greater safety – fewer freedom-depriving measures (FDM\*)

- Fast response time in the event of falls
- Enhanced safety level during night and weekend shifts
- Fewer control rounds
- Ideal in combination with sentida low nursing beds and SafeFree® assist devices



# Living idea Cottage

Design Ts | Decor Elm Salisbury







### Customized for...

- Dementia living groups
- Assisted living communities
- Rehabilitation clinics with a focus on neurological diseases
- Special care for slight physical limitations





## Professional digitalization

Innovative, digital solutions to support individual care activities and complex care processes

Experts see the digitization of care for the elderly as a major opportunity that can relieve the burden on care givers through technical innovations.

### **Digitization provides support in everyday care**

Through the targeted use of sensors, potential fall hazards and poor movement patterns among residents can be detected and reported at an early stage. The use of mobile devices enables real time data flow and communication that saves the care giver time.

Expert knowledge and information on care topics can be accessed more quickly and from any location. Social relationships with each other and relatives can be enhanced easily.

Workflows can be designed facilities have the ability to systematically evaluate and merge the data from their digital documentation. From these results, correlations between treatments performed and requirements for better care planning can be derived.

**wissner-bosserhoff is currently focusing on three topics and the associated risks for residents: Falls, pressure injuries and incontinence.**

The SafeSense® 3 digital nursing assistant can help analyze the data and take preventive action if necessary.

**Care needs digitalization - functional, intelligent and dignified.**



Vechtetel Pflege GmbH has set itself the goal of reinventing classic care for the elderly with the help of innovative technology. We chose SafeSense® 3 because the safety of our residents is our top priority. Responding more quickly to fall events can often prevent serious fall consequences.

Eike Jonker, Managing Director Vechtetel Pflege GmbH



## Solution 1 SafeSense® 3 - From bed exit assistance system to digital care platform

In 2014 wissner-bosserhoff embraced the challenge of digitalization. We have gained valuable experience with our SafeSense bed exit sensor system and our sentida 7-i intelligent nursing home bed.

SafeSense has matured into a digital care assistant with multiple functionalities that

enable this future proof digital platform to provide resident centric data to care givers. The open architecture of this product can easily be enhanced with greater future functionalities that will assist care givers.

SafeSense® 3  
PDF download



# Intelligently networked

SafeSense® 3



1

## Mobile devices

All data at a glance at any time



2

## Care Monitor

with data visualization

**Pressure ulcer prevention**  
through movement monitoring

**Falls prevention** with bed  
exit monitoring

### Security

Protection of resident information  
through encrypted data transmission  
and decentralized data processing



3

## Call system connection

A plus in safety for night  
and weekend shifts





**4**  
**Patented bed sensor system**  
 Care assistance



“



"The nursing home bed of the future is more than a bed – it means effective care using smart solutions and enhancing the quality of life for the resident."

Uwe Deckert | Head of Marketing,  
 wissner-bosserhoff GmbH

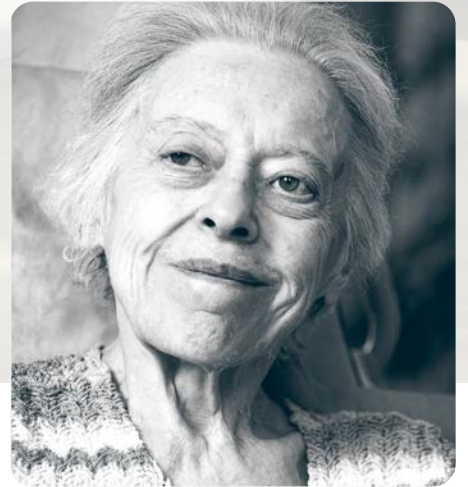
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# Living idea **Sunset**

Design C | Decor Nordic Teak





### Customized for...

- Hospices
- Palliative units
- Residential groups with special care (e.g. patients in a waking coma)
- Special care with a high degree of immobility





## Needs-based care

### Optimum and safe access to the resident

Mobilization activities and daily resident care activities can be very demanding and stressful for the care giver. It can be the case that a nurse has to lift a total of up to 1.8 tons\* in one shift.

Physical stress and tension among care-givers can have an adverse impact on the person being cared for.

Fear and apprehension on the part of the resident can have an adverse impact on the quality of care and the safety of the care givers.

**sentida sc can support care giver and residents alike.**



“



The ergonomic optimization of important work steps and the optimum position of the nursing home bed, the use of integrated aids and external nursing aids reduce physical strain.

Koen de Doncker, physiotherapist, osteopath and ergonomist  
Author of wissner-bosserhoff's Care-Booklet for ergonomic work in care

”



Play video



## Solution 1 3-stop strategy - Situational and needs-based care and support

The comfortable adjustment range from 9.1 to 31.5 inch enables

- an ergonomic and back-friendly working/care position at 31.5 inch,
- in combination with the separately adjustable thighrests and calfrests, additional freedom of movement, e.g., for basic care or wound care,
- an effort-saving "bed/chair" transfer and vice versa with the mobilization height at chair height of 16.1 inch,
- with a safe sleeping position of 9.1 inch.

31.5 inch  
Optimum nursing position



16.1 inch  
Safe mobilization at chair height



9.1 inch  
Falls prevention during sleeping phases



## Solution 2 Under carriage clearance of 5.9 inch - Targeted use of care aids



When comfortably, easy and safe transfer to and from the bed is required using a resident lifting aid, the care giver needs to have the ability to accomplish this task with a minimum of equipment interference. The 5.9 inch undercarriage clearance supports this need.

The additional **PLUS** of sentida sc:

Thanks to the good under carriage clearance and barrier-free access to the bed via the SafeFree® assist devices, ergonomic needs-based care can be carried out in the most efficient way.



**Solution 3** Central brake –  
Foot end axle brake secures bed



Optionally, the sentida sc has a central brake on the foot end, which is easy and safe to reach. Moving the bed by releasing the central brake – e.g., for cleaning activities – is simple and quick.

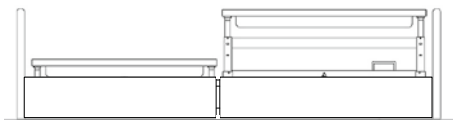
**Solution 4** Comfort bedding area –  
More safety for immobile residents



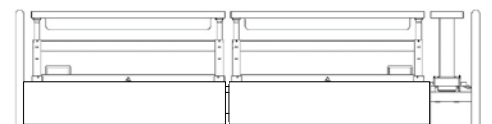
The comfort bedding area is equipped with 55 spring elements that provide an increased level of comfort and an additional simple level of pressure relief to aid in the prevention of pressure injuries due to mobility restrictions.

The additional **PLUS** of sentida sc:  
In combination with the double retraction and the automatic comfort seat position, the comfort bedding area can support preventive care measures and enhance the resident's quality of life.

**Solution 5** Integrated bed extension –  
Tool-free and flexibly adjustable



82.7 inch  
Alternative bed length of 82.7 inch: Protection with longer assist devices at the foot end without accessories and without a gap > 12.5 inch\*



86.6 inch  
Bed extension to 86.6 inch: temporarily adjustable with divided assist devices for sentida – complete protection through use of the foot-end extension accessory.

sentida sc has an integrated bed extension as standard, which complies with the normative requirements IEC 60601-2-52 in any configuration.



## Living idea Seaview

Design Gx | Decor Italian Oak

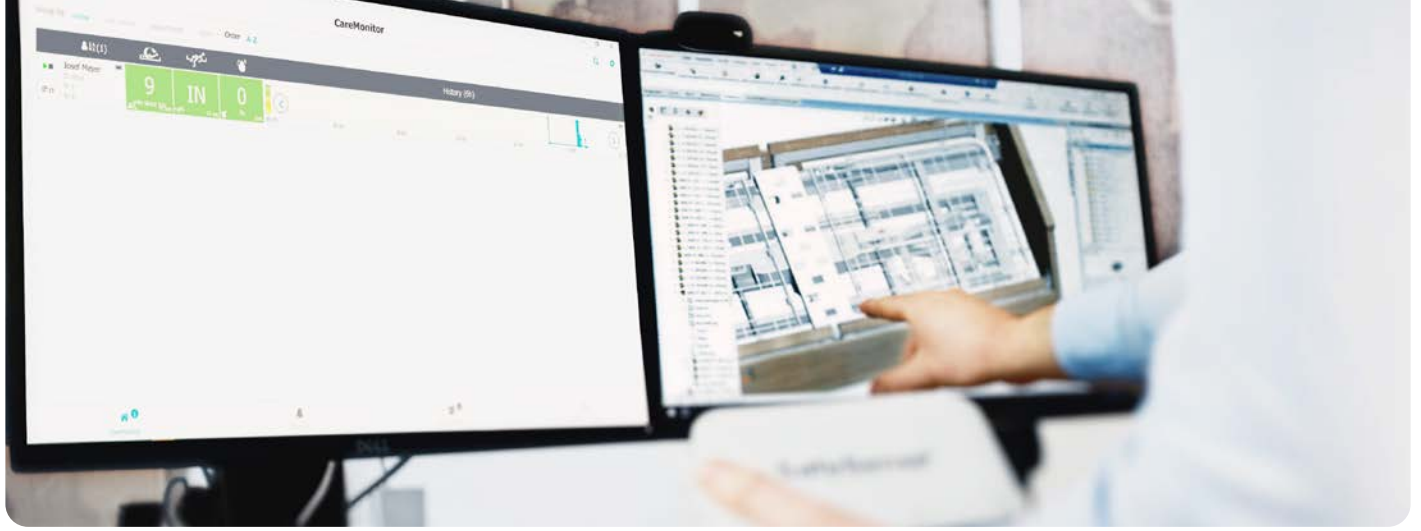




### Customized for...

- Senior residences
- Assisted Living
- Special care for slight physical limitations
- Dementia living groups

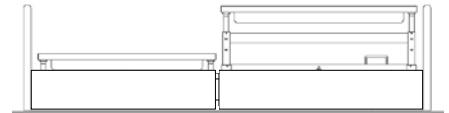




## Technical data

According to Annex VIII, #13 of the Medical Device Directive (MDD) 2017/745, the sentida nursing home bed is a Class I medical device.

Outer dimensions	81.9 x 41.7 inch
Nominal dimensions of bedding area	34.3 / 35.4 x 78.7 inch
Height adjustment	9.1 - 31.5 inch (depending on the type of roller)
Backrest adjustment	70° ±5°, including electrical sliding backrest retraction by about 4.7 inch
Thighrest adjustment	30° ±5°, including electrical sliding thighrest retraction by about 1.7 inch
Tilting	Head approx. 17° / Foot approx. 17°
Safe working load*	595 pound (518 pound resident weight, 77 pound mattress + accessories)
Bed weight	Approx. 253 pound depending on the model
Protection rating	IPX4
Protection class	II
Override capability	5.9 inch



# Security

wissner-bosserhoff GmbH is certified according to the regulations of ISO 9001 for quality management systems, DIN EN ISO 13485 for the production of medical devices as well as ISO 14001 for environmental management. wissner-bosserhoff also has its manufacturing processes and management regularly audited by TÜV Süd.



ISO 9001:2015



ISO 13485:2016



ISO 14001:2015



CB Certificate  
for Product Safety,  
TÜV Süd



Certificate  
for assist devices



**ISO 9001**  
Zertifiziertes  
Qualitätsmanagementsystem  
[www.tuev-sued.de/ms-zert](http://www.tuev-sued.de/ms-zert)



**ISO 14001**  
Zertifiziertes  
Umweltmanagementsystem  
[www.tuev-sued.de/ms-zert](http://www.tuev-sued.de/ms-zert)



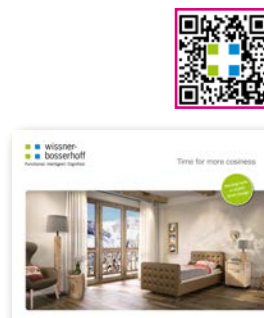
[tuv-sud.com/ps-cert](http://tuv-sud.com/ps-cert)



We have had the greenhouse gas emissions caused by our company's activities recorded\*\* and offset them by purchasing climate protection certificates for the years 2022 and 2023.

# Bedside cabinets and other accessories

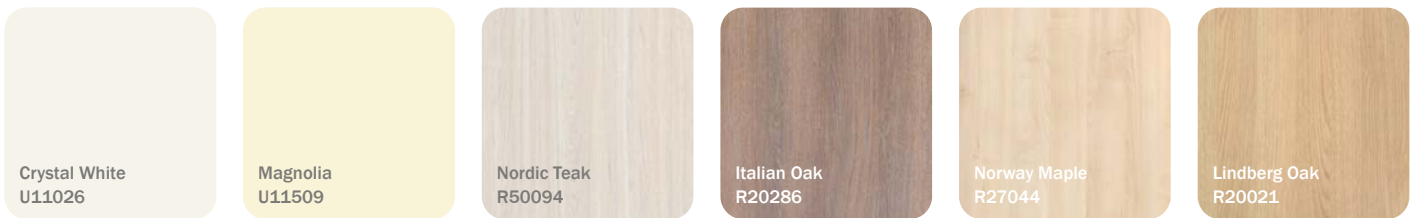
can be found in extra brochures or at [www.wi-bo.com](http://www.wi-bo.com)





# Colors and Designs

## Colors | Decors\*



## Imitation leather | Soft Cover for head part / footrest Df\*

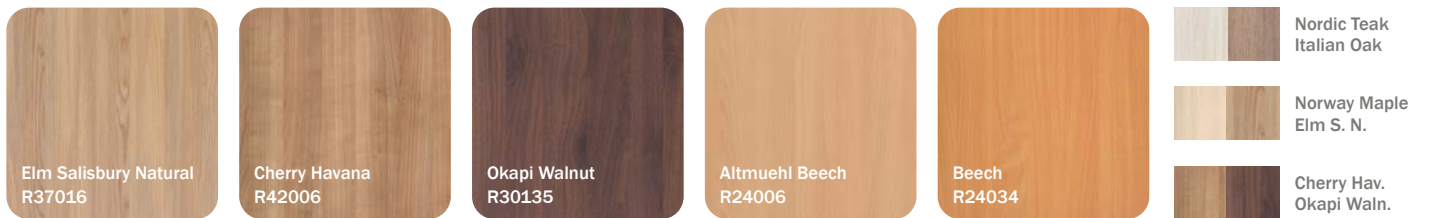


## Fabric | Soft Cover for head part / footrest Df\*





Possible combinations



Imitation Leather: Smoke  
Decor: Nordic Teak



Fabrics: Sand  
Decor: Norway Maple



# Design

## Design | head part / footrest



**Design A**  
Head part /  
footrest

**Design Ak**  
Head part /  
footrest



**Design C**  
Head part

Footrest



**Design G**  
Head part

Footrest

**Design Gx**  
Flat footrest



**Design O**  
Head part /  
footrest

**Design Ox**  
Flat footrest



**Design Ts**  
Head part

Footrest

**Design Tsx**  
Flat footrest

## Softcover - Inexpensive and flexible

All the fabric and imitation leather decors shown are available as covers, which you can easily attach to the head and foot sections\* of your nursing home beds yourself without the need for tools. The soft covers are extremely durable, moisture and dirt resistant, water repellent and breathable.



## 2 models to choose from - homely or extramobile

The sentida sc is available in two model variants - homely and extramobile. It is easy and effortless to maneuver - especially in the extra-mobile model variant with larger castors for even more driving comfort.

This means that even severely impaired and immobile residents can participate in life in their living area or nursing facility while in a nursing home bed. Both bed variants feature a central brake system\*\* that allows the bed to be conveniently braked with just one foot movement.



homely



extramobile



Options are available with a continuous assist devices and 4 SafeFree® assist devices.



**wissner-bosserhoff GmbH**

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