

■ ■ wissner-
■ ■ bosserhoff

sentida

Universal low nursing beds





Safety and comfort in perfection

sentida – universal low nursing beds

Falling is one of the greatest risks for the physical health and psychological well-being of elderly people. For this reason, systematic fall prevention is of crucial importance in care for the elderly, making it an important quality feature of a nursing home. The consequences of falls are often very serious for elderly people and, in the worst case, even irreversible. The fear of further falls is one of the most common psychological consequences, leading to limited physical activity, a loss of self-confidence and social isolation.

With the sentida range of low nursing beds, wissner-bosserhoff has achieved a consequent and above all uncompromising implementation of the requirements of modern nursing care: High safety standards hand in hand with a cozy design. Innovative solutions such as the 3-stop strategy and the patented SafeFree® side guard concept reduce falls as well as the consequences associated with them and set standards in terms of safety, mobility, height adjustability and coziness.

5

million
falls of elderly
people per year:

Almost one third of people aged 65 and above, as well as 50% of those aged 80 and above fall at least once a year. In Germany alone, there are about 5 million cases of elderly people falling each year.

(Source: "Gesundheit und Krankheit im Alter" (= health and illness in old age).
Publisher: Karin Böhm, Federal Statistical Office of Germany / Clemens Tesch-Römer, German Centre of Gerontology / Thomas Ziese, Robert Koch Institute, Berlin 2009)

↓

Prevention
with sentida
low nursing beds

for use in institutions with high standards of universal care close to the ground: Nursing homes and homes for the elderly, care resorts, palliative wards, dementia and geriatric wards and rehabilitation institutions.



Living concept **Feathers**

sentida | Design 010 | Wood dekor Okapi Walnut

Nature as an example for the choice of materials and colors. As harmoniously coordinated as a bird's plumage – this is how a comfortably furnished room was created which provides residents with security and protection. From the window seat you can hear the morning birdsong. This concept is just a suggestion – we will happily give you individual advice.





Benefits at a glance

Protection and mobility without FDM*

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Living concept **Urban**

sentida | Design HD-3 | Wood decor Havana cherry | Fabric Stone | Padding Deep buttoned

More and more people choosing to forgo retiring to a quiet cottage in the country and are instead choosing to spend their time in the city surrounded by life and culture. Retiring in the city is not about relaxing in tranquillity after years of hard work but about making the most of new found freedom, experiencing new things, forging new friendships and re-discovering yourself in the heart of the ever changing urban landscape. This is just a suggestion – we will happily give you individual advice.



Protection and mobility without FDM*

SafeFree® the patented side guard concept

The SafeFree® divided side guard system is patented and voluntarily certified. The technology has been tested in practice more than 1,000,000 times. You can lower the space-saving side guards quickly in only 2 seconds and individually adjust them to four heights, depending on the care situation and size of the resident. Obtaining freedom instead of taking it away, in agreement with the Werdenfelser Weg (Werdenfelser care pathway)**.

1

No protection needed



Lowered, the divided side guards look homely and provide unhindered access to the resident for daily routine nursing tasks. No need to take off and store accessories that are in the way, such as a middle post or fixed side guards.

2

Soft protection (no FDM*)



For safety at night, it is often sufficient to combine the low position of the bed with the first height level of the head-end side guard. This avoids unnecessary barriers and effectively reduces the risk of falls.

3

¾ protection (no FDM*)



Creates a deliberate bed egress gap at the foot end to reduce freedom-depriving measures (FDM) while at the same time maintaining a high safety standard.

4

Full protection (FDM*)
for mattresses up to 18 cm



The highest position provides comprehensive protection of the resident. The distance between the two parts of the side guards is minimal, making them just as safe as a continuous side guard and exceeding the requirements of the standard IEC 60601-2-52. It is not necessary to stock up on accessories to close a central gap when using an abdominal belt for restraint.



If you use a thicker mattress, you can raise the side guards by an additional 6 cm.

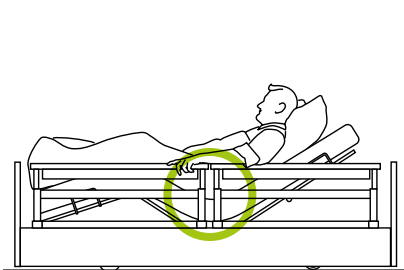
Learn more:



Videos on the side guard concept

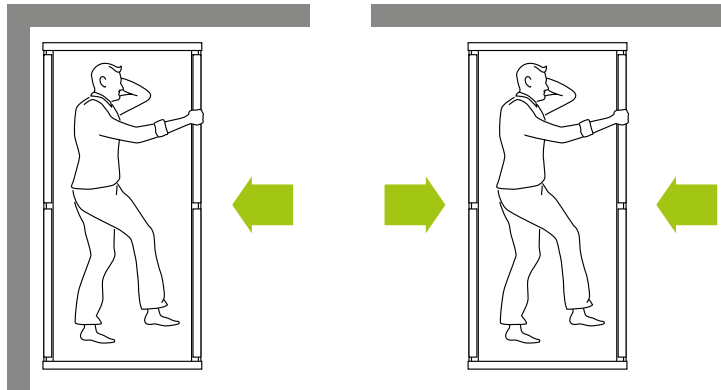


More safety due to smaller central gap* < 60 mm



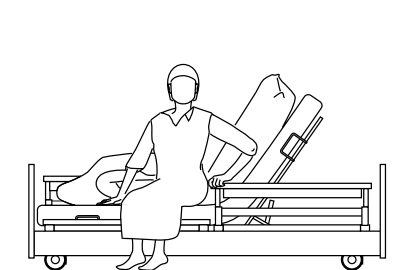
- Targeted compliance with the standard IEC 60601-2-52
- Safety in working position, i.e. also with raised backrest or leg rest
- Safety without using an additional central gap protector as accessory for restraint with an abdominal belt in accordance with the BfArM** (German Federal Institute for Drugs and Medical Devices)

All-round access for nursing tasks = with 4 divided side guards

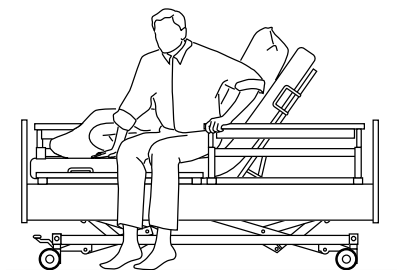


- Flexible use of the bed for standard care, even in limited spaces
- Flexible access from both sides of the bed in case of increased need for care
- Flexible use of the bed for bed egress on the left or right side to mobilize the resident
- Avoiding follow-up costs for upgrading divided side guards

Safe mobilization regardless of body size



Divided side guards are very useful for effective mobilization, as they are easy to grab and clasp. They can be used as a safe standing-up aid and verifiably support the resident's mobility.



2 Automatic positions



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



Bedsores prevention and keeping heels free with automatic positioning

SafeFree® Flex

Side guards as individual as your needs

In addition to permanently mounted side elements, individual and future-oriented SafeFree® Flex offers as much freedom as possible and as much protection as necessary. At the same time SafeFree® Flex retains the homely design which distinguishes all wissner-bosserhoff nursing home beds.

0

No protection needed



Comfort bed,
without side guards

1|2

Soft protection (no FDM*)



Mobilization aid
only the head end elements

3

¾ protection (no FDM*)



Wall protection
with foot-end exit

4

Full protection (FDM*)

for mattresses up to 18 cm



4 fully adjustable
side guards

Safe

Complete protection



- Secure fastening of elements
- Prevents an accidental loosening or removal of the side elements

Seamless safety



- Gap closure between the side panel and the patient surface
- Protection against accidents through getting trapped or wedged

Maximum mobilization



- Optimum length and individually adjustable height of the head-end side guard
- Perfect hip protection when sleeping as well as comfortable and ergonomic mobilization of the resident



Free

Fewer FDM*



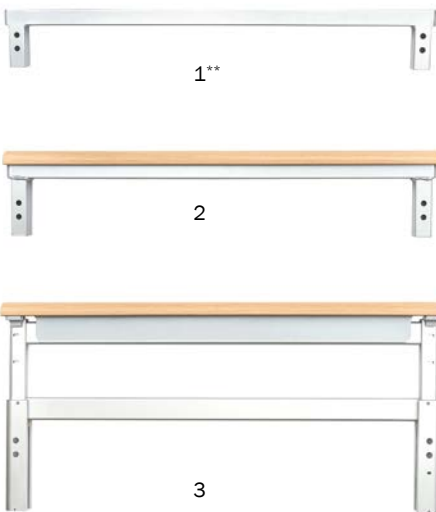
- Conscious “omission” of side guards
- Investment security for the operator
Legal certainty regarding FDM* for the nursing staff

Flex

More economic efficiency

Side elements can be adjusted without tools
Your budget can be used as flexibly as the side elements can be attached, because you only pay for the elements that your residents really need.

No technician needed
Quick modification for the changing resident situation – with gap closure without (1) and with a handrail (2) or fully adjustable side guards (3)



Benefit from a homely design with a continuous side panel, independent of the required mobilization or resident protection situation:

Learn more:



Video



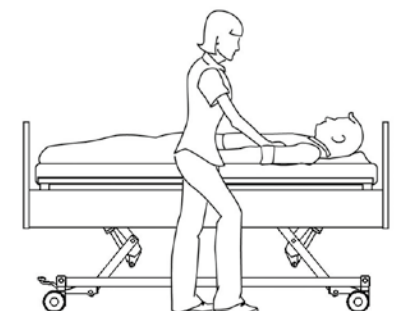
Safe nursing care, mobilization and sleep

3-stop strategy

- Comfortable adjustment range from 27 to 80 cm
- First automatic stop at 41 cm at chair height for bed egress
- Collision protection when adjusting the bed from the low position and when using a bed extension

80 cm

Optimal nursing position



41 cm*

Safe mobilization at chair height



27 cm*

Fall prevention during sleeping phases



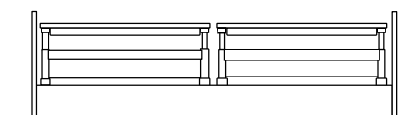
Flexible and time-saving

3 bed lengths that can be adjusted without tools

- All standard wissner-bosserhoff nursing home beds are equipped with an integrated bed extension.
- Aadjusted flexibly and without tools to different bed lengths.
- The requirements of the standard IEC 60601-2-52 are complied with in each configuration.

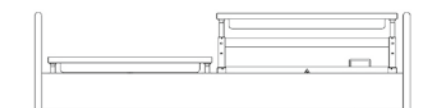
200 cm

Bed length of 200 cm:
The divided side guards offer protection without a central gap > 318 mm* and without a protector



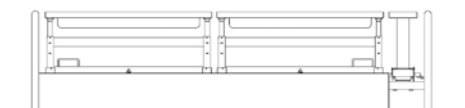
210 cm

Alternative bed length of 210 cm:
Protection with longer side guards at the foot end without accessories and without a gap > 318 mm**



220 cm

Bed extension to 220 cm:
is temporarily adjustable with divided side guards for sentida - complete protection through foot-end protector (accessory) is guaranteed



Bedsores prevention

Patient surfaces – ergonomics & modularity

The so-called double retraction has been a component of the wissner-bosserhoff patient surfaces for years. Here, not only the backrest but also the leg rest is moved away from the seat section, so that the surface area is increased. Results of pressure measurements clearly show that the pressure load with the double retraction is considerably lower than with a standard lying surface.

approx. **37.5 %**
of all residents in German
old people's or nursing homes
are subject to an
increased **risk of decubitus**

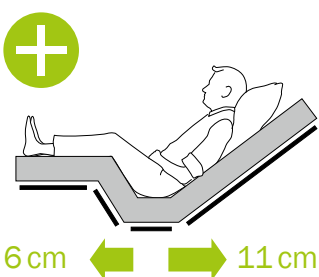
Source: Own survey, wissner-bosserhoff 2020

approx. **2.7 m.**
People suffer
in Germany
from chronic wounds
like **decubitus**

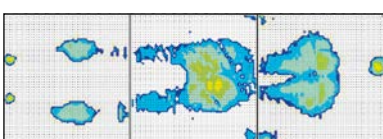
Source: Study BVMed 2012

Our solutions

WIBO patient surface
with notable relief

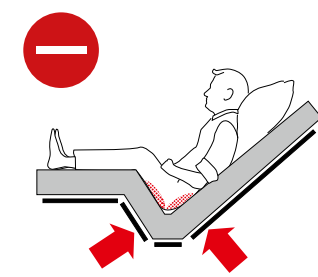


Double retraction = decubitus prevention

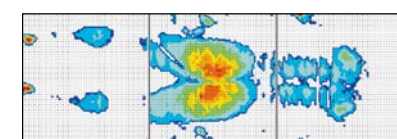


Thermal image of a BiNetic patient surface

Standard patient
surface without relief

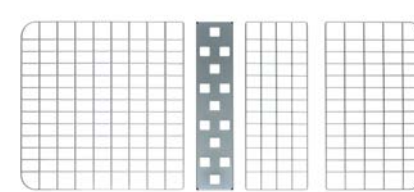


Single retraction = risk of decubitus



Thermal image of a standard patient surface

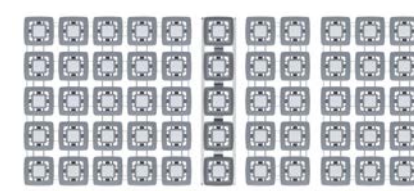
Patient surface modularity
3 different surfaces



wire mesh patient surface Aero (Standard)
→ good aeration



Synthetic mats EasyClean
→ easy to clean



Comfort patient surface
with its 55 spring elements
→ bedding comfort and simple
pressure relief

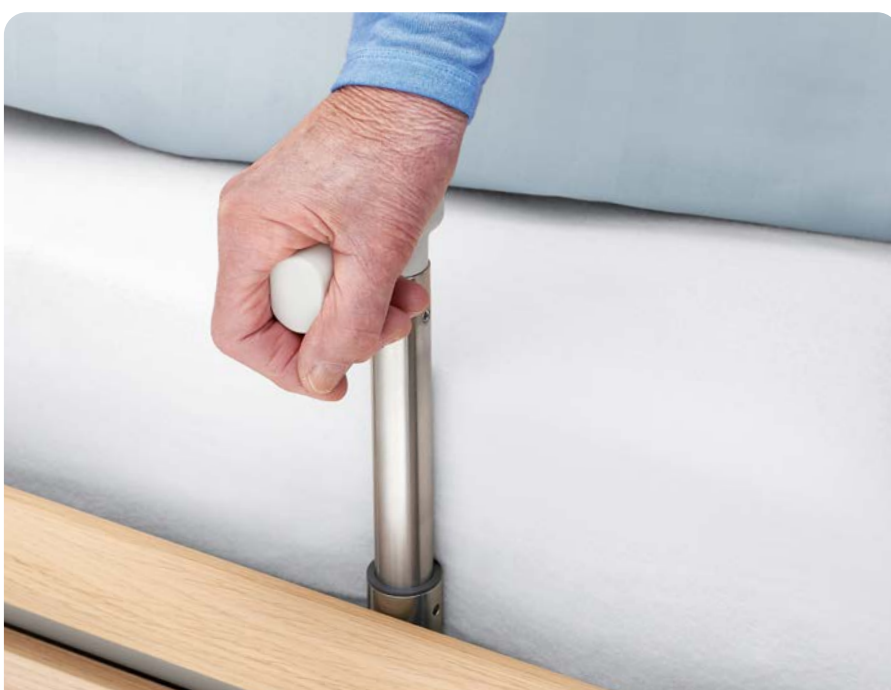
Double retraction =
17cm
more space in bed

Manual mobilisation assistant

MobiStick 2

The MobiStick 2 enables clever bed operation for residents. Its ergonomic shape makes it easy and intuitive to use anywhere. Residents can effectively support and move themselves.

NEW!



Without tools
MobiStick 2 can be attached
without tools on both sides of the
bed, is suitable for every resident
size and can be retrofitted for
wissner-bosserhoff beds from
2004 onwards.



Due to its ergonomic shape MobiStick 2 is easy and intuitive to use and universally applicable. The hand knob is rotatable and has a simple locking.



When not in use, it can simply be folded away and is therefore not in the way, but quickly ready for use when needed.

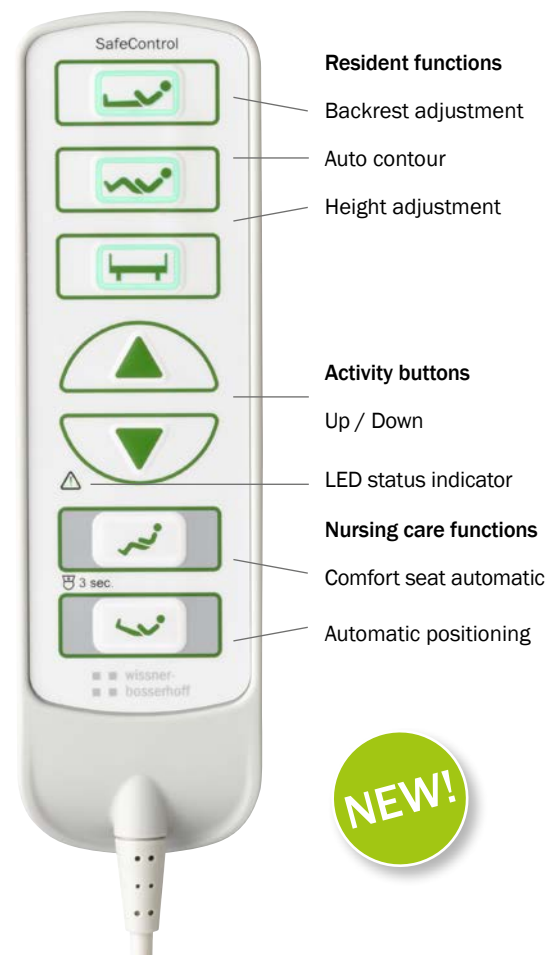
Learn more:





Advantages at night

- SafeControl® handset is activated by movement and displays all selectable functions
- Unnecessary lighting at night is avoided
- Respect for the night's rest of the residents



Resident functions

- Backrest adjustment
- Auto contour
- Height adjustment

Activity buttons

- Up / Down
- LED status indicator

Nursing care functions

- Comfort seat automatic
- Automatic positioning

NEW!



Clearly arranged. Ergonomic. Intuitive.

SafeControl® | Handset



In addition to its clarity and ergonomic design, the SafeControl® handset stands out due to its intuitive operation. Thanks to motion sensors and controlled backlighting, all selectable functions are displayed to the operator, ensuring easy operation. This ensures easy operation, especially at night.



3 safety levels

Key combinations can be used to different handset modes can be set:

Care mode:

All selection buttons are unlocked

Locking mode:

All functions of the handset are locked

Resident mode:

The light grey selection keys are available to the resident

Thanks to the integrated locking function an additional magnetic key is not needed.

Comfort & Safety

- Clear and ergonomic
- First error-proof thanks to preselection
- Intuitive operation
- Motion sensors
- Backlighting
- No additional key/accessories necessary
- Flexible use due to long cable

Simple bed operation & safe mobilization

SafeLift | Product benefits at a glance



SafeLift offers the simplest operation so that residents can adjust their bed independently and set it to the best mobilization position for them. At the same time, they can support themselves when standing up on the SafeLift controller. This promotes residents' self-mobilization, and reduces staff calls for bed adjustment.



- Adjustment buttons for bed height and backrest
- Large buttons
- Firm position on a SafeFree® side guard
- GO button
- 360° rotation
- Ergonomic design
- Strong stability



Safety by day and night

SafeSense® – the intelligent bed exit sensor system

wissner-bosserhoff, your reliable partner for the reduction of freedom-depriving measures (FDM): With SafeSense®, wissner-bosserhoff presents an intelligent assistance sensor system, which reliably helps reducing freedom-depriving measures day and night. It is equipped with an automatic night light, which is activated when the resident leaves the bed and is deactivated when the resident is back in bed again. SafeSense® is compatible with standard nurse call systems and can be retrofitted to wissner-bosserhoff nursing home beds manufactured in 2002 or later.



Automatic night light

- Night light is automatically switched on when the resident leaves the bed
- Night light is switched off again as soon as the resident is back in bed

Individual nurse call

- Freely adjustable immediate call from 0 seconds to 30 minutes
- Adaptation to the resident's mobility

Integrated or available as retrofit kit*

- Accessory option for current WIBO nursing home beds
- Retrofit kit for electrical WIBO nursing home beds manufactured in 2002 or later
- Available with cable or wireless



Video

More safety – less freedom-depriving measures (FDM)

- Fast response time in the event of falls
- Safety during night and weekend shifts
- Fewer inspections
- Ideal in combination with sentida low nursing beds and SafeFree® side guards

SafeSense® 3

From bed exit sensor technology to digitisation platform



After more than 6 years of experience with integrated bed exit sensor technology, the time is right for a real digital care assistant. Since 2014, wissner-bosserhoff has been able to gain valuable experience with digital products with the bed exit sensor system SafeSense® and the intelligent nursing bed sentida 7-i. During this time, SafeSense® has matured into a care assistant with further supporting functionalities and is recommended as a future-proof digitalisation platform thanks to its open architecture. This can be easily retrofitted with further functions that additionally relieve the burden of care.



Satisfied residents through higher quality of care

- 24 h movement monitoring provides valuable information about lack of movement, nocturnal restlessness and lack of sleep
- Support in the prevention of risk of pressure sores and falls
- Preservation of independence and mobility through bed-exit monitoring
- Adaptation of the safety level to the individual resident risk



Technology to „touch“-the intelligent care bed

- Assistance system for continuous **resident monitoring in real time**
- Contactless **data acquisition and visualisation**
- Differentiated **call management** for faster **prioritisation**
- **Bed presence** - Resident in bed YES or NO

Intelligently networked - digital care in real time

- **Pressure ulcer prevention** through movement monitoring
- **Fall prevention** through bed-exit monitoring
- **Future-proof sensor platform** through open system architecture
- **Mobile care monitoring** through connectivity and mobile devices



Living concept **Lilac**

sentida | Design G10 | Wood decor Salisbury Elm natural

Timeless and classic – this choice of colors and materials gives the room a special atmosphere.
The trend color of lilac is reminiscent of spring – everything is blossoming and fresh colors replace the winter gray.
This concept is just a suggestion – we will happily give you individual advice.



Energy efficiency and stability

Thanks to innovative drive concept

With the new motor, the sentida 5 and 6 nursing home beds are even more user-friendly, stable and energy-efficient. The integrated LED technology, energy-saving features and low-maintenance design are vital requirements for the cost-effective operation of a nursing home.



Even more user-friendly

The new sentida 5|6 is equipped with an LED bedside light connection integrated in the motor. You only need one single cable from the bed to the power supply. The LED light can also be switched on and off using the handset. You can now also watch video tutorials on how to operate the bed by scanning the QR code on the bed.



Video

Stable and safe

The new motor is especially powerful. Its performance is especially impressive under high load. It has a safe working load of up to 270 kg (sentida 5|6) and is suitable for a maximum resident weight of up to 235/255 kg (depending on the accessories used).



Economical and energy-efficient

With continuously increasing electricity prices, energy efficiency is an increasingly important factor. With an extremely low stand-by consumption of only 0.5 W, the new motor is especially economical. A clever cable management reduces wear and tear. The power cable can be exchanged separately, causing less storage costs.



The following calculation example demonstrates how the stand-by consumption of nursing home beds can influence the costs:

Product	Stand-by operation	Electricity costs over the course of 15 years*
The NEW sentida	0.5 W	€1,950
Bed A	3.76 W	€15,345
Bed B	2.5 W	€10,200
Bed C	1.7 W	€6,900

*Example: Institution with 100 beds

LED lights

soluna & lymera

The undulating shape of the lampshade, with its partially translucent character, is prominent as a special design element of soluna lights. Equipped with a swivel arm, the light allows the light focus to be precisely positioned close to the object to be illuminated, regardless of whether the light is attached to the bed or the bedside cabinet.



Comfort LED reading light lymera

Advantages of LED

- Long service life
- Low energy consumption
- No heat build-up
- Safe operation



Design LED light soluna with wavy lampshade



Colors | Wood décors*



NEW: Crystal white (U11026)*2



NEW: Magnolia (U11509)*2



NEW: Norway maple (R27044)*2



Lindberg Oak (R20021)



NEW: Nordic Teak (R50094)*2



NEW: Italian Oak (R20286)*2



NEW: Salisbury Elm natural (R37016)*2



Havana Cherry (R42006)



NEW: Altmühl beech (R24006)*2



Steamed Beech (R24034)



NEW: Okapi Walnut (R30135)*2



Color combinations for the memoriana room concept*3

Certified security

Voluntarily, wissner-bosserhoff has its manufacturing processes and management regularly audited by TÜV Süd. The company is certified in accordance with ISO 9001 for quality management systems, DIN EN ISO 13485 for the manufacture of medical products and ISO 14001 for environmental management.



ISO 9001:2015 ISO 13485:2016 ISO 14001:2015 CB certificate for product safety, TÜV Süd Gutachten zu Seitensicherungen TÜV Süd



*1 = Some decors available at a surcharge | *2 = Available from 07.2021 | *3 = Matching furniture for this can be found in the „memoriana“ catalogue
K1 = Nordic Teak / Italian Oak | K2 = Pointed Maple / Elm Salisbury Natur | K3 = Cherry Havana / Okapi Walnut

Synthetic leather & fabric covers

With our new covers made from high-quality materials by renowned partners we offer an excellent surface material with the following **properties**:

- Resistant to moisture and dirt
- Breathable
- Water-repellent

- Blood and urine resistant
- Disinfectant resistant
- Extremely hard-wearing
- Environmentally friendly and non-toxic
- Durable
- Flame retardant (in accordance with the ignitability criteria in accordance with DIN EN 1021 Part 1 + 2 and BS 5852 Crib 5*)

New combination options
We will be happy to advise you!



Synthetic leather



Silver gray



Pearl



Birch



Pebble



Cashmere



Smoke



Cherry



Corn

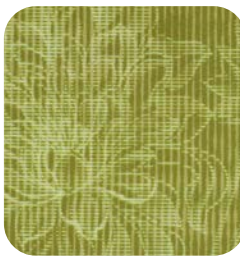


Lime



Royal

Fabrics



Green, floral (Aurora 6520)



Blue, striped (Agon 5520)



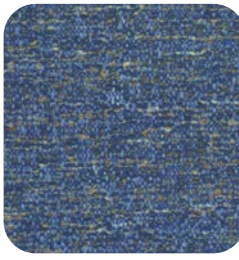
Gray, striped (Agon 8520)



Gray, polka dot (Flint 8520)



Meadow (Mailo 6520)



Sea (Mailo 5520)



Sand (Mailo 1521)



Stone (Mailo 8520)



Rose (Mailo 4520)

* Flame retardancy depends on the foam material used. | Item numbers: 50-0818, fabric covers for head section Df | 50-0819, fabric covers for foot section Df

Design | head / foot sections

Head section



Design A
Head-/Foot section



Design D



Design Df



Design G



Design K



Design O



Design T



Design Ts

Foot section



Design Ak
Head-/Foot section



Design D



Design Df



Design G



Design K



Design O



Design T



Design Ts

Low foot section



Design Ak
Folded down



Design Dx



Design Dfx



Design Gx



Design Kx



Design Ox



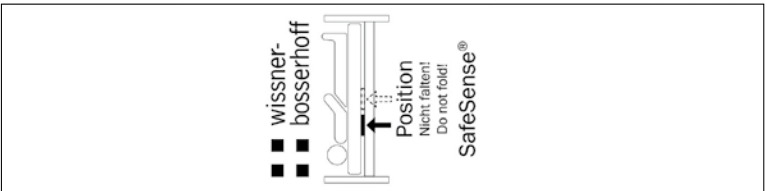
Design Tx



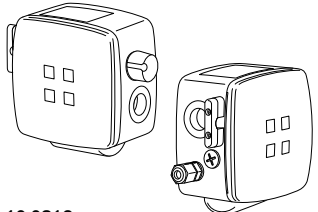
Design Tsx

Accessories | SafeSense® & SafeLift

SafeSense® sensor mat 2.1



02-000876
SafeSense® sensor mat 2.1
80 x 20 cm

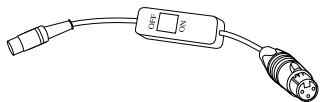


10-0812
Digital bed exit box 2
cable or wireless version

Also available
as a set:

Sensor mat 2.1
& bed exit box 2.1
10-0871
Cable version
10-0872
Wireless version

SafeSense® connection kit



04-1508
Adapter cable with on/off switch and
suitable plug for connection to
the nurse call system (customer-specific)
for the cable and wireless version

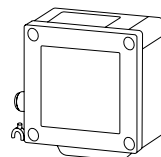


04-1608
Adapter cable without on/off switch;
with suitable plug for connection to
the nurse call system (customer-specific)
for the cable and wireless version

SafeLift bed operation



10-0811
SafeLift Controller

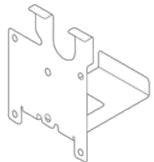


10-0808
SafeLiftBox

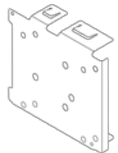
As a set:

10-0799
SafeLift set

Retaining plate SafeSense® and SafeLift



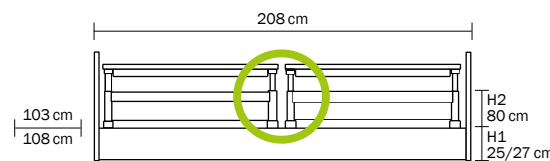
01-011193
Retaining plate for DU09 motor



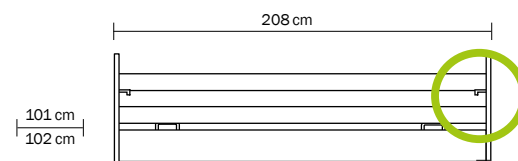
01-011194
Retaining plate for Q7 motor

Furnishings and accessories

Dimensions

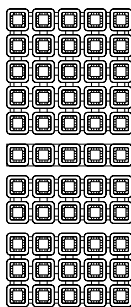


sentida with divided (10) side guards, without gap
Outer dimensions: L = 208 cm, W = 103/108 cm
Mattress dimensions: L = 200 cm, W = 87 cm
H1 25/27 cm (low position), H2 80 cm (highest position)

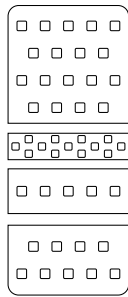


sentida with continuous 2-part
09 side guard with trigger release

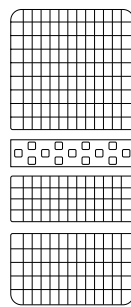
Patient surfaces



Comfort

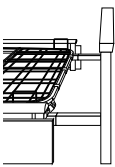


EasyClean

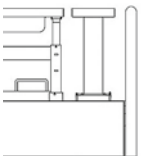


Aero (Standard)

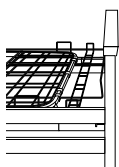
Bed extensions



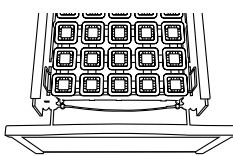
Temporary bed
extension divided
10 side guard (standard)



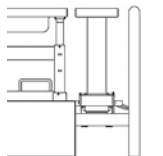
Permanent bed
extension divided
10 side guard (optional)



Permanent bed
extension
09 side guard (optional)

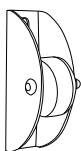


Bed extension
with express release
(optional)



10-0570/10-0580
Protector for bed extension
by 20 cm (optional)

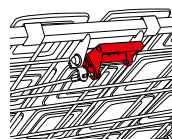
Options



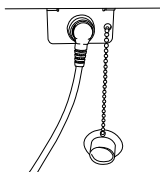
Vertical
wall stopper
castors



3D horizontal and
vertical wall stopper
castors



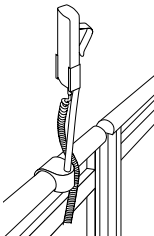
CPR release
on the backrest



Plug & play use
of the handset on one
or both sides of the bed

01-010812, 01-010813
Underbed light
switchable (not shown)

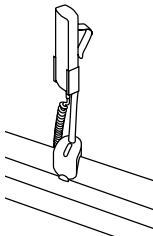
Accessories



10-0419
Handset holder for
divided side guards

10-0421
Handset holder, short
SD-Handset

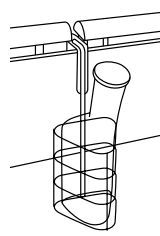
10-0790
Handset holder, short
SafeControl



10-0422
Accessories and
handset holder for
continuous side guards

10-0421
Handset holder, short
SD-Handset

10-0790
Handset holder, short
SafeControl

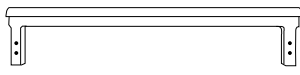


50-0345
Shortened
urine bottle basket

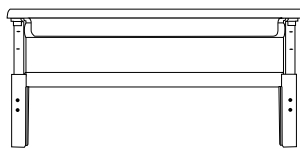
50-0164
Urine bag holder
(without illustration)



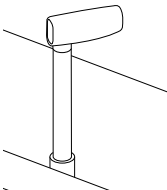
10-0817
Gap closure base (Image similar)



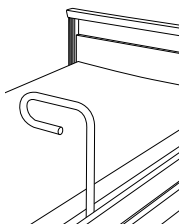
10-0818
Gap closure design



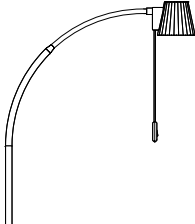
10-0819
Side element Flex



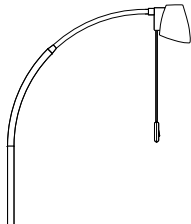
10-0634
Mobilizations-Assistant-
MobiStick 2



10-0715
Standing-up aid
for 09 side guards
as well as ¾ side guards



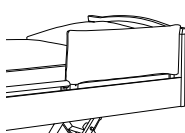
50-0550 Design LED light
soluna without plug power supply



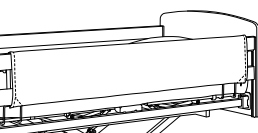
50-0677 Comfort LED reading light
lymera (with & without power supply)
Transparent lampshade



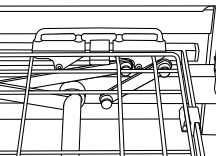
50-0771
Fall prophylaxis mat with anti-slip
W 90 x L 200 cm, height approx. 4.5 cm



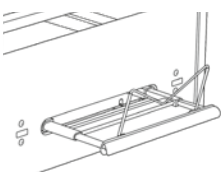
50-0174
Cushioning for divided
10 side guards



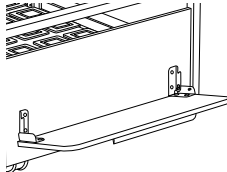
50-0338
Cushioning for 09 two-part
side guards



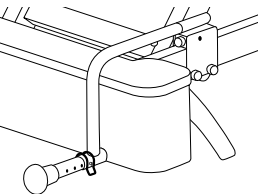
10-0563/10-0533/10-0521
Segufix bracket for thigh-backrest,
backrest- for the seat part



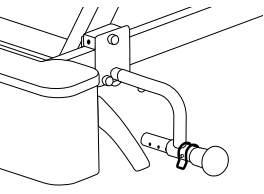
10-0617
Integrated design linen holder
Compatible with all beds (except
09 3-part side guards and A-kk design)



10-0719
Linen holder



Head-end wall spacer, telescopic,
only for sentida 5 and 6
10-0801 short, 1 x 20 mm
10-0802 medium, 4 x 20 mm
10-0803 llong, 8 x 20 mm
Head-end wall spacer, only for
sentida 5 and 6 (no image)



Side-mounted wall spacer, telescopic,
only for sentida 5 and 6
10-0804 short, 1 x 20 mm
10-0805 medium, 4 x 20 mm
10-0806 long, 8 x 20 mm
Side-mounted wall spacer,
only for sentida 5 and 6 (no image)

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