

■ ■ wissner-
■ ■ bossert-hoff

Functional elegance in nursing care



movita

Nursing home beds





movita nursing home beds

Economical for nursing institutions, comfortable for patients

The nursing care market is subject to many influencing factors and trends, such as the increasing number of people in need of acute care or are affected by dementia. This has operators and staff of residential homes face increasing qualitative and economic challenges. In the light of the increasing shortage of qualified nursing staff, this applies all the more. The sector needs concepts and products that make nursing tasks easier and convince on an economic level. The movita nursing home beds combine functional elements with cost effectiveness and homeliness.

Factors influencing the nursing care market and trends*

	Factor	Trend
Nursing care sector	Demographics	Change in the demographic structure, of society, rise in life expectancy, increasing risks (multimorbidity, dementia), decreasing support potential in families, etc.
	Public authorities	Change of political guidelines, limited predictability of politics, fewer public supply-side subsidies, etc.
	Customer	Changing demand patterns

Living concept

movita casa | Design T10

The selection of materials and colors follows current, natural living trends. This way, a homely and warm atmosphere is created in which the resident feels safe and protected.



movita Portfolio

The entry model with feet



The entry model with castors



The slender one



The one easy to disassemble



The mobile one



The homely one



Model
movita AS

movita AS

movita 2-s

movita 2-d

movita

movita casa

Movability
Stationary

Movable

Movable at every bed height

Movable at every bed height

Movable at every bed height

Movable at every bed height

Castors
Without castors

100 mm steel sheet castors
or 100 mm double castors

100 mm double castors
100 mm easy-roll castors
or 125 mm design castors

100 mm double castors
100 mm easy-roll castors
or 125 mm design castors

100 mm easy-roll castors
or 125 mm design castors

50 mm double castors

Brakes
Not required

Individual castor braking

Individual or central castor brake system
with one directional castor,
operated with foot levers on both sides

Individual castor braking

Individual or central castor brake system
with one directional castor,
operated with foot levers on both sides

Castor braking system for each axle,
operated with foot levers on both sides

Height adjustment
Without height adjustment

Without height adjustment

Approx. 36-38 / 78-80 cm

Approx. 36-38 / 78-80 cm

Approx. 36-38 / 78-80 cm

Approx. 37 / 80 cm

Special feature
Patient surface width: 80 cm

Special feature
Can be completely disassembled

movita benefits

01

Patented SafeFree® side guard concept

Often imitated but never duplicated - our contribution to less restraint in agreement with the Werdenfeler Weg (Werdenfels care pathway)* and the Redufix** project

- Divided side guards, each adjustable to 4 different heights
- No middle post, no dangerous central gap



02

BiNetic patient surface

with double retraction:

Real bedsore prevention - more than just a backrest in accordance with DBfK (German nurses association) recommendation.

- Your benefit: Reduction of pelvic compression as well as friction and shearing forces due to leg rest retraction by 6 cm
- DBfK backrest retraction by 11 cm

03

03

Design handset

Improved and extended functionality

- 3 safety levels adjustable: nursing, resident and locking mode
- Mobilization function
- Night light control
- Separate leg rest adjustment
- Play protection

04

Night light function

As an option, a night light can be integrated

- Helps the patient find their way at night
- More safety for the resident
- Easy power connection check
- Control via handset



movita | D10 design



SafeFree® – the patented side guard concept

Obtain freedom – in line with the Werdenfelser Weg*

4 side guards

1

In lowered position, the divided side guards enable unhindered access to the resident for daily nursing tasks, changing wound dressings or bed sheets and linen. No need to take off and store interfering accessories like a middle post or fixed side guards.

4-stage adjustment

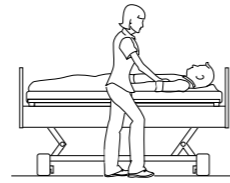
No protection needed



4 advantages

Barrier-free

No middle post and no central gap protector



2

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 "soft protection" avoids unnecessary barriers and reduces the risk of falls sustainably. The side guards provide the resident with orientation without restriction.

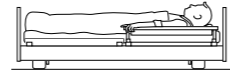
Soft protection

no FDM



Orientation

instead of freedom-depriving measures (FDM)



3

The 3/4 protection creates a deliberate bed egress gap at the foot end for the reduction of freedom-depriving measures (FDM), while at the same time maintaining a high safety standard. By adjusting the bed and side guard height, movita can be adapted to residents of every size and height.

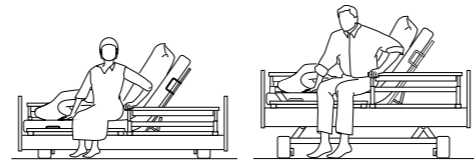
3/4 protection

no FDM



Mobilization

with adaptation to resident height



4

The third height level is used to comprehensively secure the resident in bed. In the top position, the two parts of the side guard close together so tightly that they are just as safe as a continuous side guard. Stocking up on accessories for closing a central gap when using an abdominal belt for restraint is not necessary.

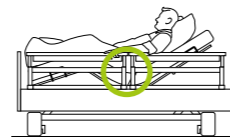
Full protection

for mattress heights from 12 to 18 cm



Safety

exceeding the requirements of the new standard IEC 60601-2-52

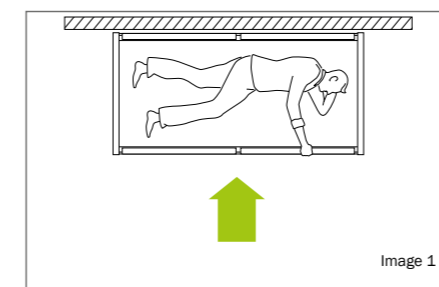


Mobilization with the right support angle according to the resident's height

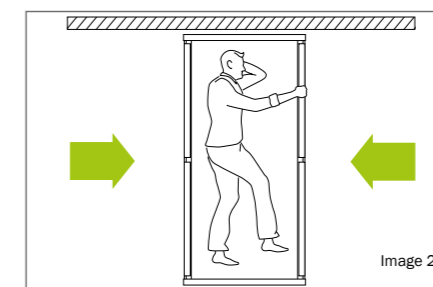


All-round access for nursing tasks with 4 divided side guards

- Flexible use of the bed for standard care, even in limited spaces (fig. 1)
- Flexible access from both sides of the bed in case of increased need for care (fig. 2)
- 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



Standard nursing – access from one side is sufficient



Increased need for care – access from both sides needed



More safety
due to smaller central
gap* < 60 mm

- Targeted compliance with the new 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)




SafeSense®*

Safety + freedom day and night due to 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





**More safety –
less freedom-
depriving measures
(FDM)**

- Faster response time in the event of falls
- Greater safety during night and weekend shifts
- Ideal in combination with movita basic nursing beds and SafeFree® side guards

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 alarm system

- Freely adjustable immediate alarm 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

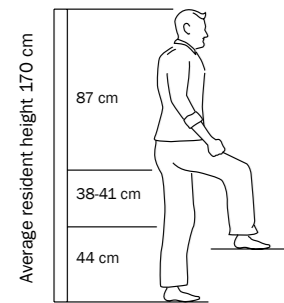


BiNetic patient surface

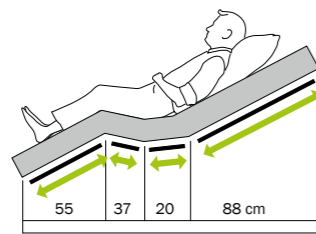
Patient surface ergonomics

The ergonomic division of the patient surface helps prevent pressure and therefore contributes to bedsores reduction. The dimensions of the 4-part patient surface of wissner-bosserhoff nursing home beds are based on findings from anthropometrics, i.e. on the average size and height of a person. On the basis of professor Eigler's findings, it can be seen that the backrest area should be at least 80 cm long in

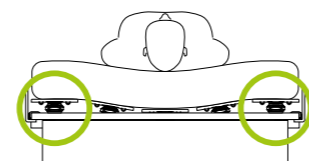
order to effectively support the cervical spine. An additional reduction of pressure can be reached with the BiNetic patient surface for patients with above-average height due to its integrated bed extension. The patient surface can be extended to 220 cm either temporarily and without tools using the express bed extension, or permanently with the bed extension set, preventing the legs from bumping on the foot end.



Anthropometry according to Prof. Eigler *



BiNetic patient surface 200 cm (long backrest)



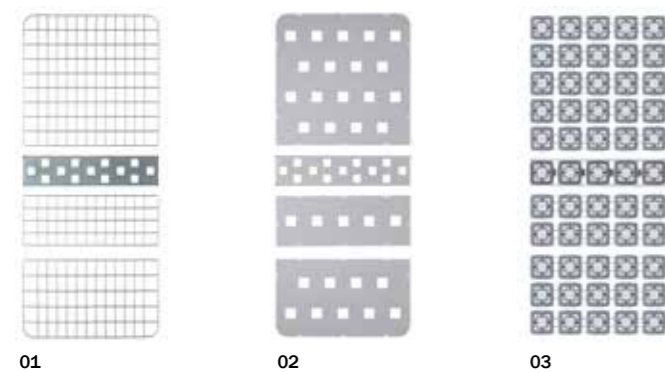
Comfort patient surface with 55 spring elements

Patient surface modularity

You can choose between 3 different patient surface options:

- 01 The wire mesh patient surface **Aero** ensures good aeration.
- 02 The synthetic mats of the **Easyclean patient surface** are especially easy to clean.
- 03 The **comfort patient surface** (not for movita AS) with its 55 spring elements not only promotes bedding comfort but also makes a valuable contribution to bedsores prevention.

In general, the patient surface partitions can be easily removed and cleaned.



01

02

03



Detail comfort patient surface

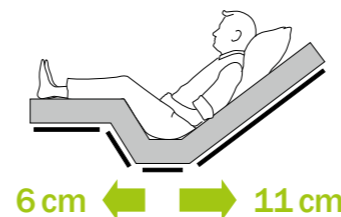
with double retraction

Effectiveness of double retraction confirmed

For years now, wissner-bosserhoff has been pursuing a practicable concept for reducing the risk of bedsores: The double retraction as a component of the BiNetic patient surface. With the double retraction, not only the backrest but also the leg rest is located further apart from the seat section, so that

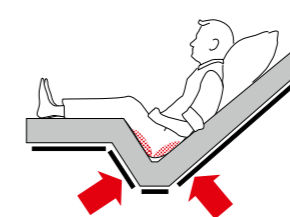
the surface is enlarged. In the meantime, there are results from pressure measurements which clearly show that there is less pressure with double retraction (image 1b) than with single retraction and significantly less pressure than with the standard patient surface (image 2b).

Double retraction



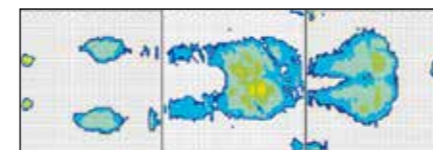
1a) BiNetic patient surface with double retraction

No retraction



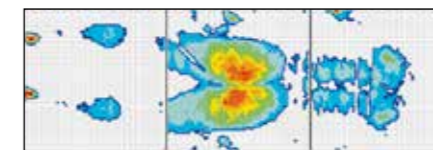
2a) Standard patient surface

BiNetic patient surface



1b) with BiNetic patient surface with double retraction

Standard patient surface



2b) with standard patient surface

Double retraction is not to be considered as the only means of bedsores prevention, it can however effectively support existing op-

tions and, above all, it demonstrates that we should make use of all technical means at hand to improve bedsores prevention.

Up to
1.5
million

people suffer from bedsores: In Germany alone, there are an estimated 750.000 to 1.5 million bedsores patients.

Immobile, ill and elderly people are affected particularly.

The annual costs of treating bedsores in Germany amount to 1 to 4 billion euros. Due to the increasingly aging population and the increase in chronic diseases, the number of people treated for bedsores will keep rising.

According to the "Gesundheitsbericht des Bundes" (German federal health report) (issue 12 on bedsores, December 2002), corresponding preventive measures and optimized therapy could cut half of these costs.

Source: www.deutsche-dekubituliga.de/das-problem



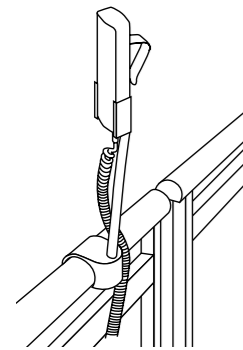
Double retraction =
17 cm
more space in bed

Intelligent design handset

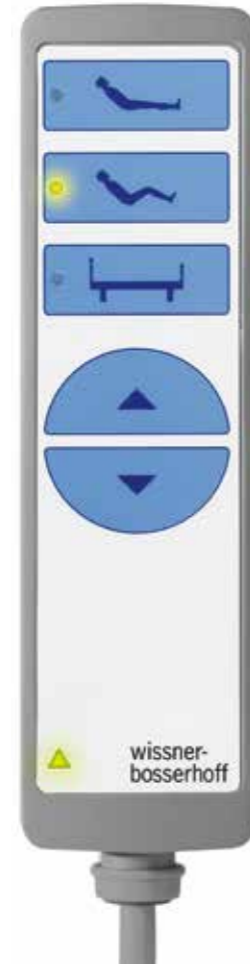
with extended functionality

Already at first glance, the handset of the movita nursing home beds impresses with its clarity and ergonomic form: fewer buttons and large symbols ensure that operation can be learned intuitively.

The pre-selection function makes the handset single fault safe – triggering a function by accidentally pressing a key is not possible.



The handset is easy to reach for both the resident and staff at all times (accessory handset holder, model No. 10-0419 and 10-0421)



Backrest adjustment

Auto contour

Height adjustment

Up

Down



Extended functions

- Night light control
- Separate leg rest adjustment
- Mobilization function
- Play protection

3 safety levels

Integrated into the handset rear side is the locking function, eliminating the need to search for a control box at the patient surface panel or to bend down.

With a magnet-free key, the three handset modes can be chosen, adapting the adjustment options of the bed to fit the nursing care task. In **locking mode**, all functions of the handset are locked.

In **resident mode**, the upper three buttons are available to the resident.

In **care mode**, all buttons are unlocked.



Care mode



Locking mode



Resident mode



Key for safety levels (magnet-free)

3 bed lengths

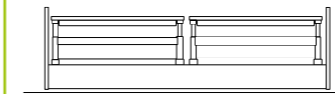
Without central gap > 318 mm and without middle post

All standard wissner-bosserhoff nursing home beds are equipped with an integrated bed extension. With the **express bed extension** (see image below/option), movita - **with divided side guards** - can be adjusted flexibly and without tools to different bed lengths.

The requirements of the new standard IEC 60601-2-52 are complied with in each configuration.

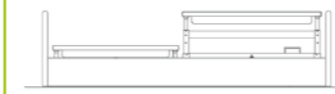
200 cm

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



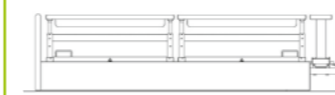
210 cm

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 movita - complete protection through foot-end protector (accessory) is guaranteed



Bed extension with express release (option)

*Central gap (gap between the divided side guards) < 60 mm **gaps between the divided side guards as well as between the side guards at the head and foot end < 60 mm

Profitability & energy efficiency

Thanks to innovative actuator concept

With its new actuator, movita nursing beds are more user-friendly, more sturdy and more energy-efficient. The integrated LED technology, the energy-saving equipment and the service-friendly design are key requirements for an economic operation of a nursing home.

More user friendly

The new movita contains a directly integrated LED-light connection on the engine. So you only need one cable from the bed to the power supply. The LED light can now also be operated by handset.

Economical & energy efficient

Energy efficiency is becoming an increasingly important factor due to steadily rising electricity prices. The new actuator is extremely economical with a very low stand-by consumption of only 0.5 W. Top cable management ensures less wear. The power cable is interchangeable, which means less storage costs.



soluna with wavy lampshade

Special design element of the soluna lamps is the elegant lampshade with its partial translucent character. Equipped with a pivoting arm, the lamp allows precise positioning of the light point near the object and harmoniously adjusts to the ergonomics of the nursing beds. Advantages of the LED: long life, low energy consumption, no heat development and absolutely safe functioning.



soluna with smooth lampshade

movita 2-d

The one easy to disassemble

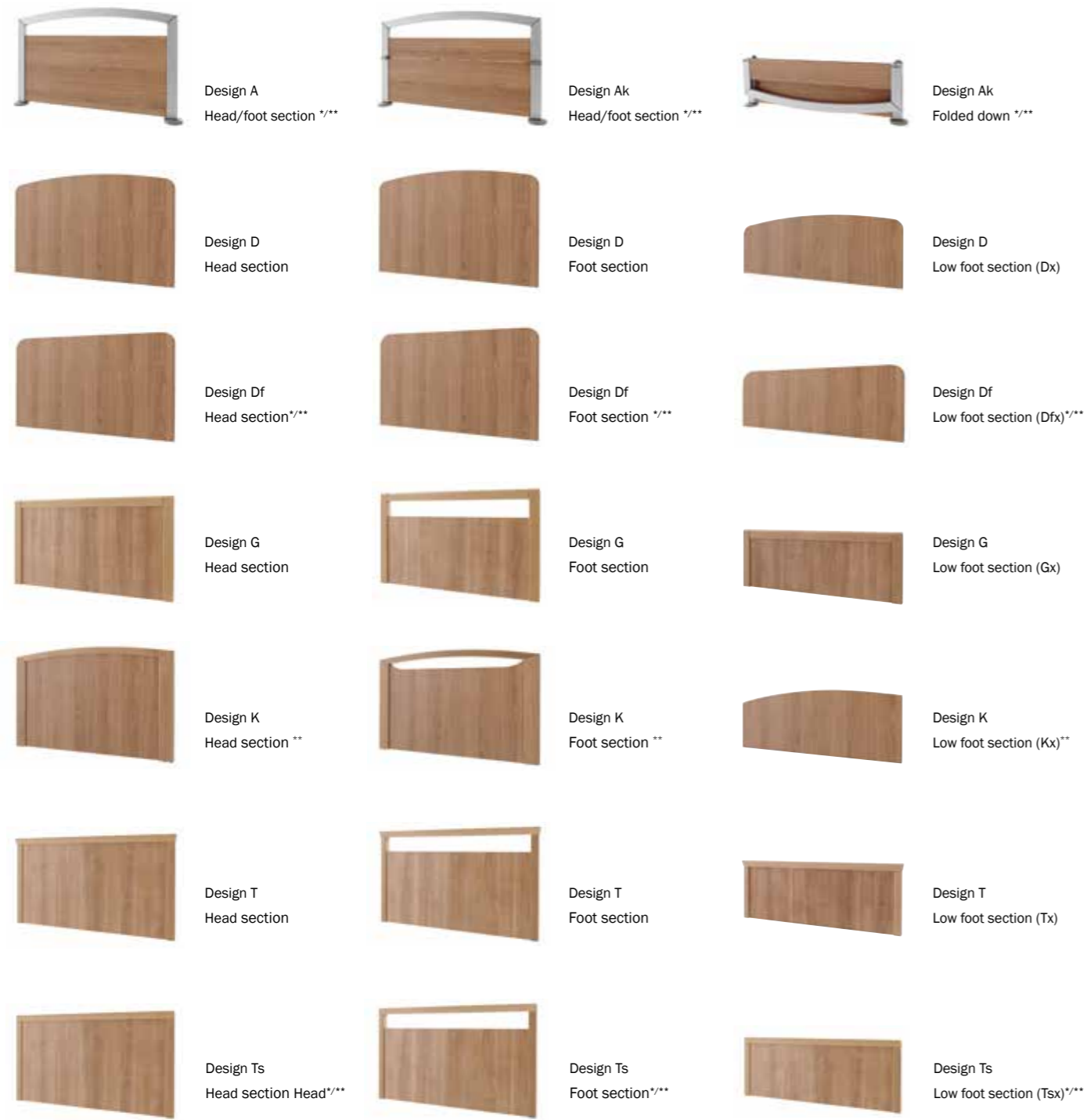
At first glance, the movita 2-d cannot be distinguished from a standard movita bed. The technical parameters of both beds are also identical. You can only see the difference once you take a closer look – the movita 2-d can be completely disassembled and reassembled by one person – quickly and without tools. None of the individual components weighs more than 18 kg, complying with all occupational health and safety requirements.

The movita 2-d is used in home care or nursing homes with narrow doors – without compromising design, quality or stability.



No component weighs more than 18 kg

Design | head / foot sections



Colors | décors*



Our certificates – your safety

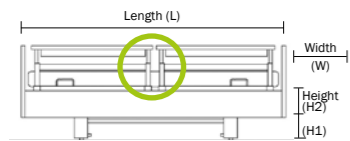
wissner-bosserhoff voluntarily has its production processes and management regularly audited by the TÜV. The company is certified in accordance with the regulations of the standard DIN EN ISO 9001:2008 for quality management systems as well as DIN EN ISO 13485:2003+AC:2007 for the manufacture of medical devices.



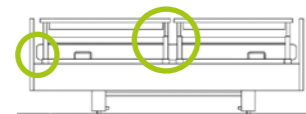
Furnishings and accessories

Dimensions

10-0625 movita AS (with feet/casters) L 208 cm, W 103/106 cm without height adjustment	10-0740 movita 2-s L 208 cm, W 93/95 cm H1 36-38 / H2 78-80 cm	10-0766 movita 2-d (only with side guards 09) L 208 cm, W 103/108 cm H1 36-38 / H2 78-80 cm	10-0540 movita L 208 cm, W 103/108 cm H1 36-38 / H2 78-80 cm	10-0574 movita casa L 208 cm, W 103/106 cm H1 38 / H2 80 cm
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Divided side guards (10), without gaps



Divided side guards (11), without gaps

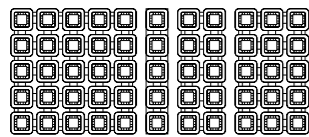


Continuous 2-part side guard (09) with trigger release

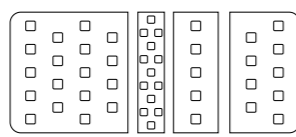


Continuous 3-part side guard (09)

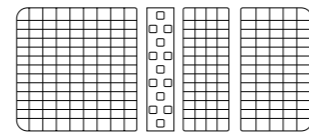
Patient surfaces



Comfort

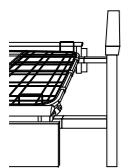


EasyClean

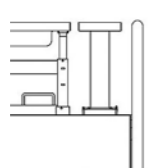


Standard | Aero

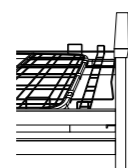
Bed extensions



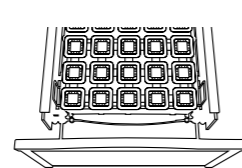
Temporary bed extension divided side guard (10) (standard)



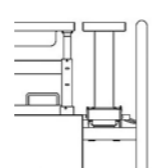
Permanent bed extension divided side guard (10) (optional)



Permanent bed extension side guard (09) (optional)

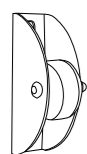


Bed extension with express release (optional)



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

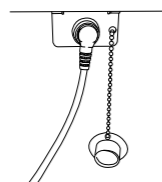
Options*



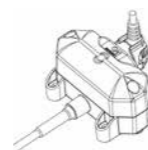
Vertical wall stopper castors (not for movita AS)



3D wall stopper castors, horizontal and vertical protection (not for movita AS)



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



Underbed light

Accessories*



10-0419 Handset holder for divided side guards
10-0421 Handset holder, short



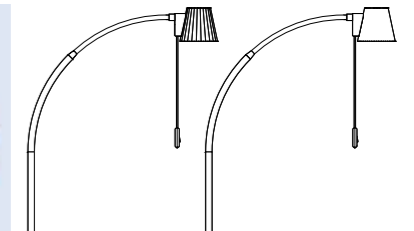
10-0422 Accessories and handset holder for continuous side guards



10-0424 Accessories and handset holder for attachment to side panel
50-0164 Urine bottle holder (no picture)



50-0237 Design LED lamp soluna with a power plug
50-0550 Design LED lamp soluna without a power plug
50-0547 Design LED lamp soluna with smooth lampshade without a power plug



10-0548 Head-end wall spacer bracket movita



10-0587 Head-end wall spacer bracket movita casa



10-0549 Side-mounted wall spacer movita / movita casa

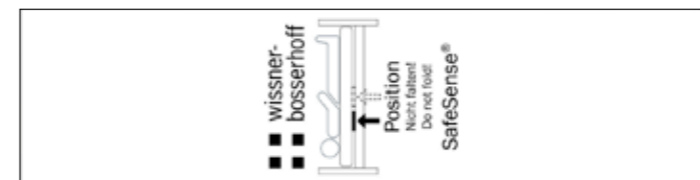


50-0174 Cushioning for divided side guards (10)



50-0338 Cushioning for two-part side guards (09)

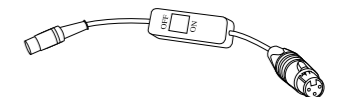
SafeSense® Bed-Exit-System



02-000876 SafeSense® sensor mat 2, 80 x 20 cm



04-1851 Digital Bed-Exit-Box 2, cable or wireless version



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 and suitable plug for connection to the nurse call system (customer-specific) for the cable and wireless version

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