

Elvido range



Clinic | **Care** | Homecare | Assist

Well-being
begins with feeling good





Elvido range:
A kit **full of possibilities**



Elvido vervo with combinable safety sides



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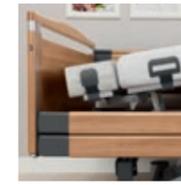
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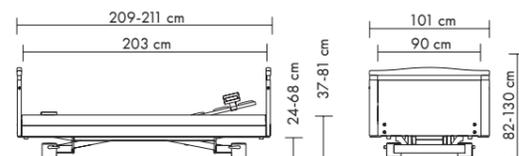
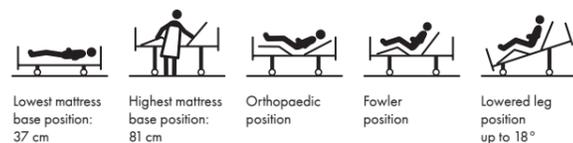


- German engineering design
- Low-height bed
- Werdenfelser approach
- Easy operation
LCD
- Bed extension
- 24 Volt system
- e-help

The Elvido range – Made-to-measure beds

Certain requirements apply for all care beds: They must be **safe**, give the resident a feeling of **security** and **facilitate the work** of the care staff. Beyond that, demands are often different. For instance, in a rehab facility, the needs of residents are different than those in a senior residence. Expectations of comfort and style can differ from one care home to another. They can also be as varied as the expectations of safety and mobility of the person in need of care.

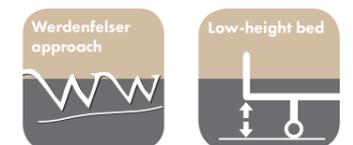
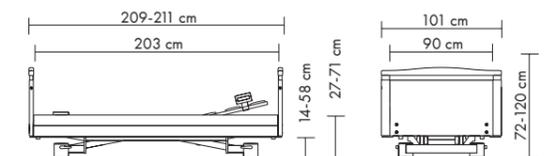
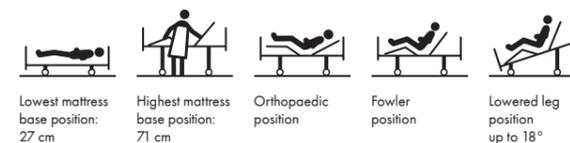
Stieglmeyer's Elvido bed range meets every need thanks to the **large variety of models** and the **well-thought-out modular system**. With a common base of the highest quality, customised beds can be configured to create a feeling of even greater well-being.



Elvido

Even the basic Elvido model offers an impressive level of comfort and an individual homelike feel. The height adjustment range of 37 to 81 cm makes it possible for the resident to comfortably get in and out of bed while the hip-level height saves strain on the care staff's

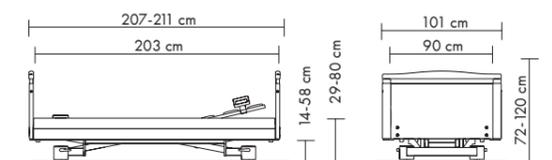
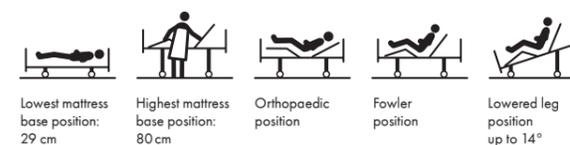
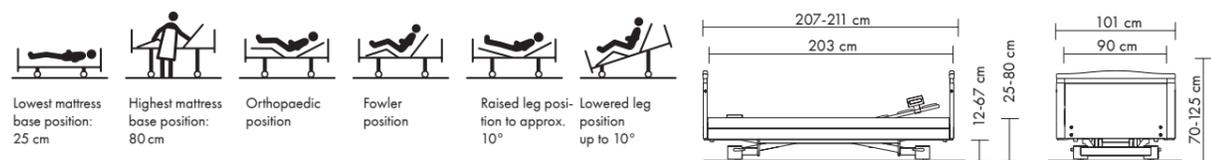
backs. Elvido also offers an optional mattress base width of 100 cm and various **attractive wood decors** that make it possible to suit personal tastes and wishes.



Elvido brevo

Stieglmeyer follows the **Werdenfelser approach** which promotes the safety of people in need of care without using Deprivation of Liberty Safeguards. As a **low-height bed**, Elvido brevo significantly contributes to fall prevention. Its

lowest level is just 27 cm above ground and minimises the risk of injury for residents. It makes restraints superfluous in many situations.



Elvido vervo

Elvido vervo can meet the requirements of both residents and care staff equally with its large **height adjustment range of 25 to 80 cm**. This prevents falls and makes it possible to work ergonomically at hip

height. And with its high-performance motors, the bed can be quickly adjusted to the various heights. It also has a pull-out bed extension with a pinch protection.

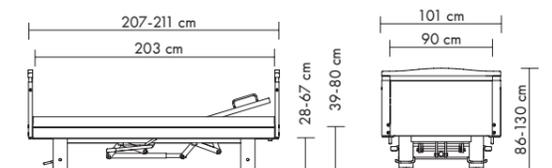
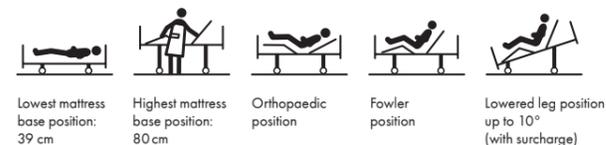
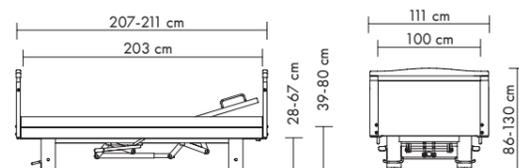
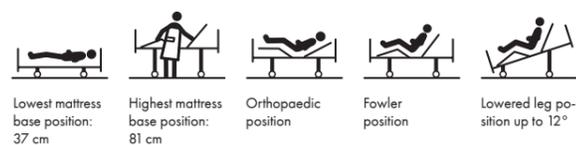


Elvido movo

Once people in need of care are no longer able to leave their bed, it is often difficult for them to participate in everyday life. Elvido movo helps: With its large 100 mm double castors, it is particularly easy to

manoeuvre and roll to wherever life is happening. A visit to a common socialising area or the terrace brings joy and improved quality of life.





Elvido forto

People in many parts of the world have been becoming taller and heavier for decades now. Care facilities are adjusting to the needs of the new residents. Elvido forto is a strong partner here. With its

Bed extension

High safe working load

260 kg

safe **working load of 260 kg**, the 100 cm wide mattress base and large 125 mm castors, it provides comfort and safety for heavier residents.

Elvido rega

Mechanical bed

High safe working load

225 kg

Some areas of nursing rely on **mechanical beds** that operate regardless of a power supply and can offer residents particularly high safety. Elvido rega meets these requirements in an outstanding way. With its

height adjustment range of 39 to 80 cm and its central castor locking, it is very comfortable and facilitates the daily work of care staff.



Safety sides

All beds in the Elvido range provide residents with optimal safety. The standard, **full-length safety sides** at a height of 41 cm guard against falls on both sides of the bed (image 1).

To safeguard the liberty and mobility of people needing care, the Elvido beds can also be equipped with

split safety sides. If just the head portion of the safety sides is adjusted, the residents are reliably protected, but still can leave the bed without obstacles (large image left). This is Stieglmeyer's way of following the Werdenfelser approach which avoids Deprivation of Liberty Safeguards (DoLS). The centre support of the split safety sides also serves as a practical

mobilisation aid for the resident. When not required, it can be simply removed and stored in a holder under the bed. It is also possible to combine the split safety side on one side with a full-length safety side on the other side of the bed. There are two other options for more independent residents: A **head-end safety side** which leaves the foot end of the bed ba-

sically free (image 2). And the **EasyGrip** orientation aid, made of steel tubing, that clearly indicates the edges of the bed and provides firm handles to grab onto (large image right). All Elvido beds are available without safety sides as well.





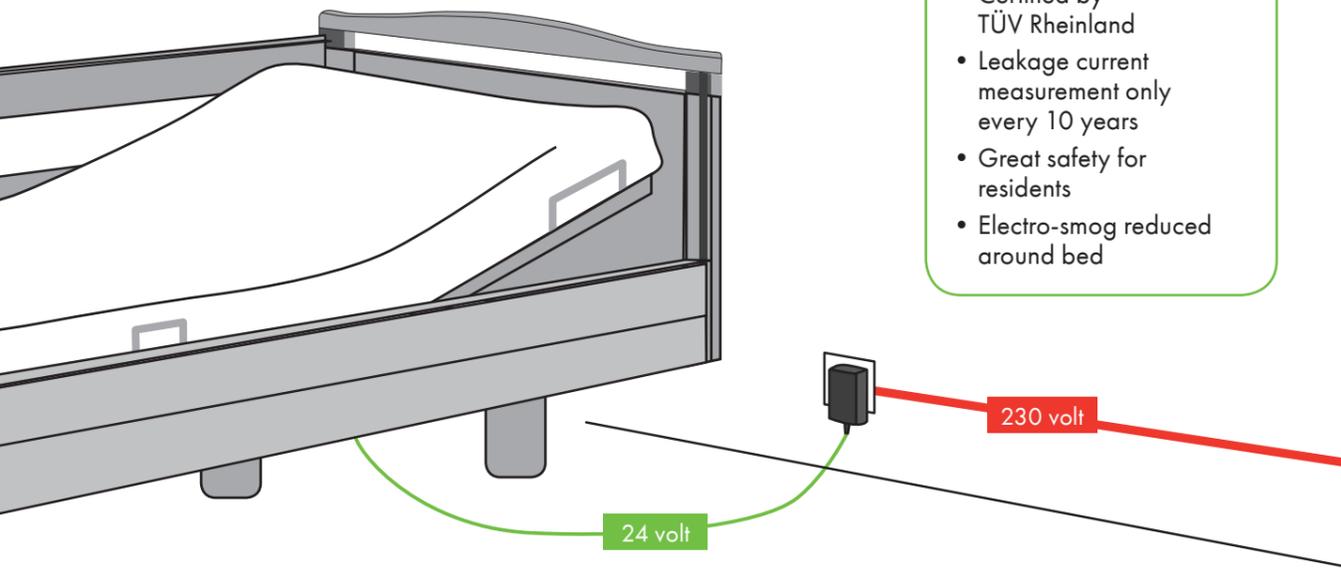
Always at the
right height



Mobilisation and fall prevention

The Elvido range beds are always at the right height. The large adjustment range makes it possible to provide effective **fall protection** at the lowest level, to offer **comfortable entry and exit** at the 40 cm intermediate level and to make work at the highest position **easy on the care staff's backs**. Each model has a different focus, depending on need, or provides the maximum adjustment options – such as the Elvido vervo which adjusts 25 to 80 cm.

But all beds in the Elvido range make safety for the resident equally possible **without Deprivation of Liberty Safeguards (DoLS)** while, at the same time, providing a noticeable reduction in physical effort and time for staff. That makes mobility and quality of life significantly better for everyone at the care facility.



Advantages at a glance

- Certified by TÜV Rheinland
- Leakage current measurement only every 10 years
- Great safety for residents
- Electro-smog reduced around bed



1.



2.

24-volt system – economical with low voltage

A **safety extra-low voltage** of 24 volts can be optionally selected for any Elvido model with electrical drive. Conversion takes place directly in the mains plug transformer at the mains power plug (large image on the right and image 2). That means that there are no

live 230-volt components directly on the bed or on the floor, which results in the **highest level of safety** for the person needing care. It also reduces electric smog around the bed.



Leakage current measurement **only every 10 years**



The 24-volt drive system lowers power consumption and saves **follow-up costs**. Leakage current testing certified by **TÜV Rheinland** therefore only needs to be carried out every 10 years instead of once a year.

The optionally available **rechargeable battery** (image 2) makes the care bed independent of the mains power supply and allows it to be used in areas without an electric socket (image 1).



Bed extension

The average height of the human body continually increased during the 20th century. Care facilities need to adjust to many extra-tall residents. The Elvido range is already meeting this challenge: All models (except: Elvido rega) are standardly equipped with a **20-cm integrated bed extension**. To activate it, only the safety side bars need to be exchanged and extension pieces for the side panels installed. To extend the mattress, Stiegmeyer offers a **suitable mattress extension piece**.

The optional telescopic bed extension is even more convenient. The bed frame, safety side bars and panels can be simply extended without needing tools. And for the most comfort, an additional **extension of the lower leg rest** is recommended. This enables the mattress extension piece or a 220 cm long mattress to move along with the foot area of the bed when it is being adjusted.





Operation with just 3 buttons



Innovative operating concept

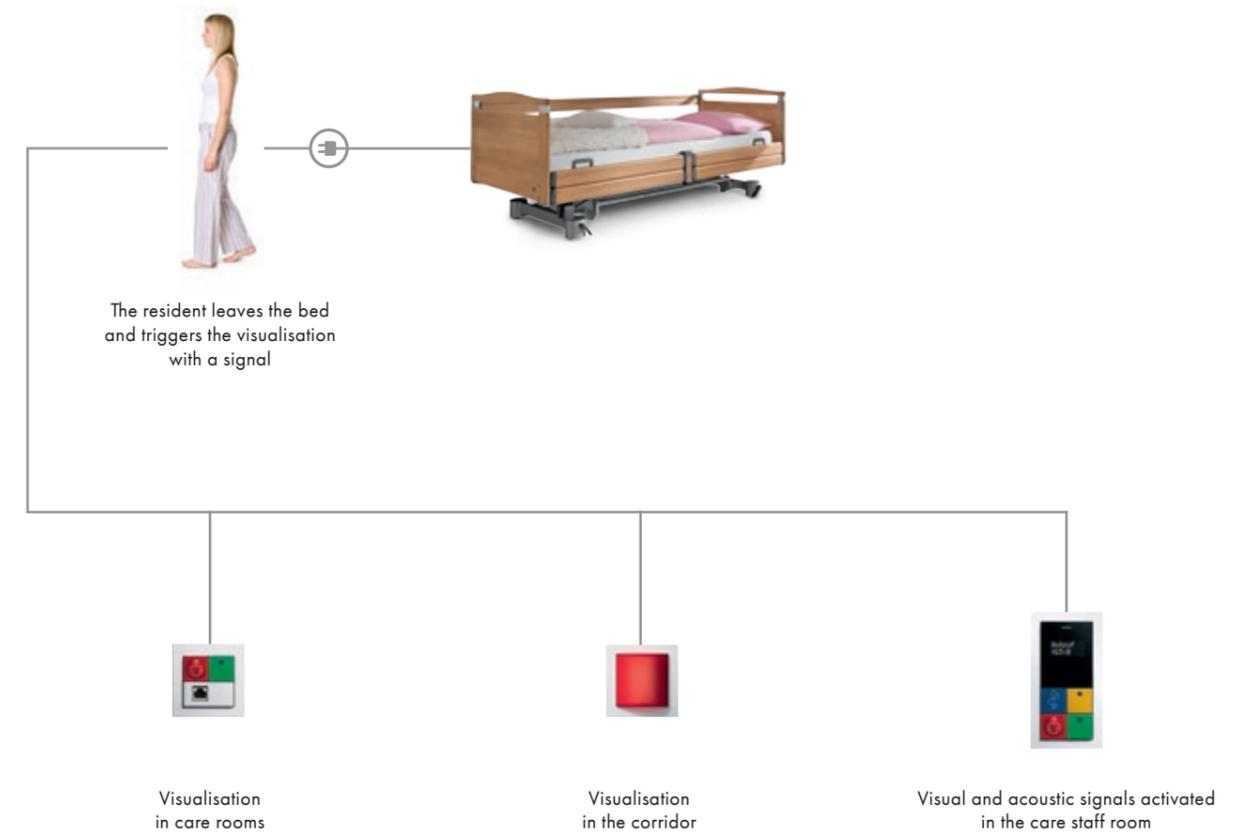


The Elvido range beds are easily operated using a handset. There are various options to choose from. The most convenient version is the optional **LCD handset** with only 3 buttons and a backlit display. It has **3 control levels**: resident, care staff and techtechnicians. A magnet on the bed allows it to be unlocked and to easily switch levels (large image left).

The **standard handset** displays all adjustment positions with intuitively understandable pictograms

(image 1). Its rows of buttons can be **selectively locked**. A separate **Trendelenburg handset** is available for quickly moving the bed into the Trendelenburg position; this ensures that the resident does not mistake this function with the reverse-Trendelenburg position (image 3).

The optional **infra-red remote control** allows wireless adjustment of the bed. No more cables to stumble over or gather dust (image 2).



e-help – Digital assistance systems



Stieglmeyer develops a digital assistance systems for even greater safety and comfort under the name "e-help". They also help to avoid the use of Deprivation of Liberty Safeguards (DoLS).

An Elvido bed with integrated e-help technology incorporates an **intelligent sensor**. This transmits a

signal if help is needed. The time lapse from the moment the signal is triggered can be **accurately set in 4 stages** using a control element on the bed – from 15 seconds to 15 minutes. e-help can be exactly customised to the needs of the resident.

The information can be passed straight to the care station using the existing call system.

Using the weight sensor, the bed registers immediately, for example, when the resident gets up. The **Out-of-Bed system** is not only able to inform care staff but also to turn on the reading lamp or the **under bed**

light to improve orientation in the dark. Thus, falls can be avoided even without restraints.



Mattress bases

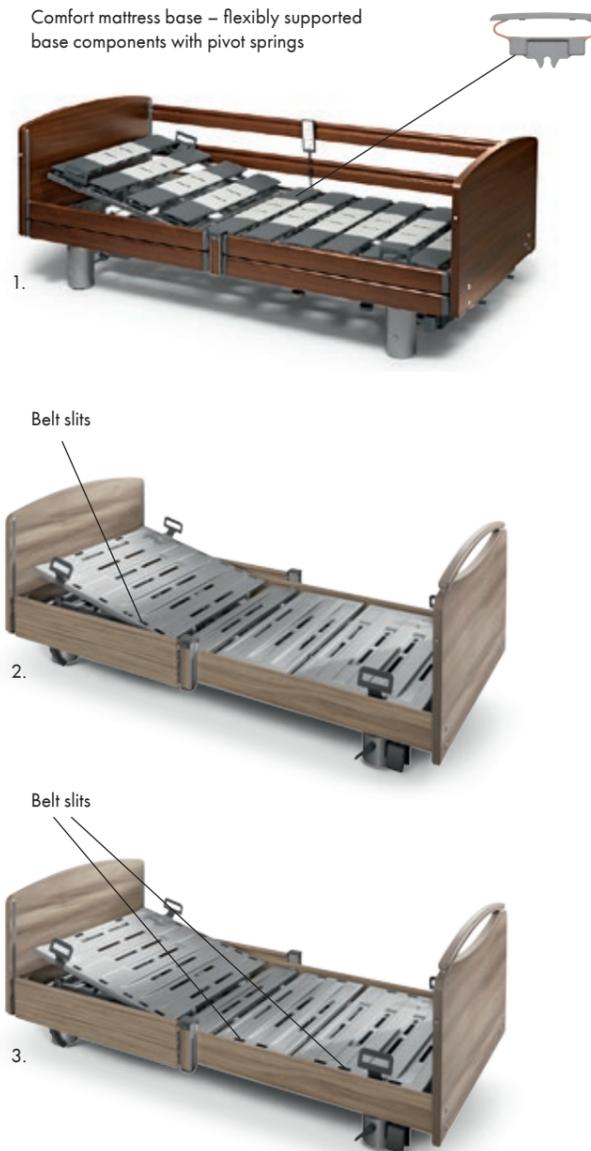
The standard Elvido beds come with **hygiene mattress bases** for greater comfort when reclining. Made of polypropylene, they can be superbly cleaned which contributes to the overall sanitation in a care facility.

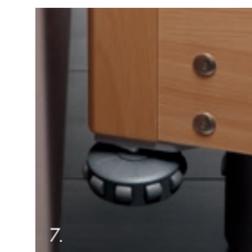
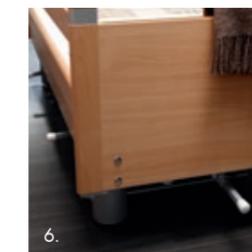
Thanks to deep venting slits, the mattress base is also highly breathable and promotes a healthy micro climate in the bed. The standard version has additional slits along the sides of the backrest for belts (image 2). An optional version with **additional slits** on the upper

and lower leg rests (image 3) allow the belts to be positioned more individually.

There is also a **comfort mattress base** (image 1) which can be selected to provide even more features

for the resident. It comprises 30 flexibly supported base components with 80 pivot springs of varying stiffness. The comfort mattress base adjusts exactly to the contours of the body and promotes soothing, relaxing sleep.





Accessories

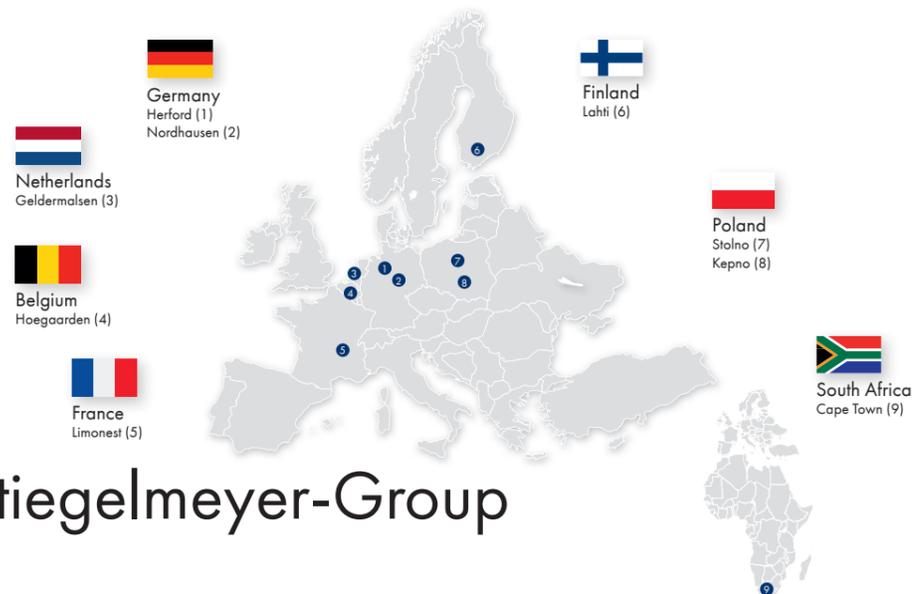
With the many optional accessories, any Elvido model can be transformed into a customised bed. The **protective covers** are an especially attractive accessory. They are made of soft faux leather and are padded with foam rubber. The covers protect the resident from impact injuries and the bed from

damage. They are available separately for the various components of the bed – for instance, for the head and foot boards, the bars or the centre support of the safety side – and can be used individually or jointly as a surround protection (large image left and images 1- 4).

Turning Elvido into a dream bed

For maximum protection against fall injuries, the **fall protection mats**, made of 3 cm thick composite foam, are recommended (large image right). Another convincing option is the **linen holder**, which is especially practical when making the bed (image 5). The **wall spacers** (image 6) and the vertical and

horizontal acting **wall deflectors** (image 7) protect the bed and the room furnishings from collision damage. Finally, the reading lamp Sola creates pleasant light while giving off only low heat (image 8).



The Stieglmeyer-Group

The Stieglmeyer-Group stands for premium quality **hospital and care products**, developed specifically for the complex demands of day-to-day medical practice. It includes the Clinic, Care, Homecare and Assist divisions. The company currently manufactures approximately **113,000 beds** per year and employs about **1,000 members of staff**. The Group's headquarters are in **Herford**, and further production sites are located in **Nordhausen** in Thuringia, as well as in **Stolno** and **Kepno** in Poland. The medium-sized family business looks back on a 115-year history of success.

Despite being strongly rooted in its native country, the Stieglmeyer-Group is active worldwide. **Export**

is a key pillar and will be expanded in the future. **Distribution companies** work in France, Poland, the Netherlands, Belgium, Finland and South Africa. Stieglmeyer products are exported to **more than 60 countries**.

Stieglmeyer focuses on state-of-the-art technology in its production and also respects **protection of the environment**. The company's own solar collectors, electricity from renewable sources and economical company vehicles help **minimise pollutant emissions**. The company places great emphasis on a fair relationship with its employees and promotes the **inclusion** of handicapped people.

Head and footboards

Personalised design for every bed



Decors

There are 10 attractive wood decors available for individually customising the homelike care bed Elvido – from the friendly natural beech to the strong-looking Bella Noce Choco. We would be happy to advise you.



Technical data

Dimensions and weights	Elvido	Elvido brevo	Elvido vervo	Elvido movo	Elvido forto	Elvido rega*
External dimensions (depending on the wooden surround)	approx. 100.3 x 211 cm				approx. 110.3 x 211 cm	approx. 100.3 x 211 cm
Mattress base (mattress dimensions)	90 x 200 cm or 100 x 200 cm				100 x 200 cm	90 x 200 cm
Mattress base division (BR/seat section/TR/LR):	approx. 85/15/40/60 cm					-
Backrest length compensation	approx. 10 cm					-
Safe working load	225 kg				260 kg	225 kg
Ground clearance	approx. 15 cm					
Total weight	approx. 140 kg				approx. 150 kg	



Mattress base

- Standard hygiene mattress base (polypropylene)
- Comfort mattress base with spring elements**

Safety side systems

- Integrated full-length safety sides on both sides – 2 bars
- Integrated full-length safety sides on both sides – 3 bars
- Integrated combinable safety sides split on one side – 2 bars
- Integrated split safety sides on both sides – 2 bars

Elvido – the safety standards***

- EN 14971 Risk assessment for medical devices
- EN 60601-1 Medical electrical equipment, general requirements for safety
- EN 60601-1-1 Electromagnetic compatibility
- DIN EN 60601-2-52 Medical electrical equipment

Standard features

Elvido

- 4-column design
- Mattress base in 4 sections, electrically adjustable
- Mattress base with anthropometrical optimal size (85/15/40/60 cm)
- Hygiene mattress base, removable
- Integrated bed extension
- Double castors Ø 50 mm
- 4 central locking castors

- Castors can be released at any time
- Height adjustment of approx. 37-81 cm
- Backrest adjustment to 70°
- Thigh rest adjustment to 40°
- Reverse-Trendelenburg position up to 18°
- Handset with selective locking function
- Full-length safety sides
With protective height of 41 cm
- Wooden surrounds as shown in brochure
- Wooden decors as shown in brochure
- Argentum or Siena metal coating
- Auto-contour adjustment
- 2 location sleeves at the head end for patient lifting pole/infusion stand
- Side panel behind safety sides

Elvido brevo

Model as Elvido, but with:

- 2 x 2 locking castors
- Height adjustment of approx. 27-71 cm

Elvido vervo

Model as Elvido, but with:

- 2 x 2 locking castors
- Height adjustment of approx. 25-80 cm
- OpenBus technology
- Reverse-Trendelenburg position up to 14°

Elvido movo

Model as Elvido, but with:

- Chassis with large castors
- Double castors Ø 100 mm
- Height adjustment of approx. 29-80 cm
- Reverse Trendelenburg position up to 14°

Elvido forto

Model as Elvido, but with:

- Chassis with large castors
- Castors Ø 125 mm, castor width 32 mm
- Brake levers on side for central castor locking and steering lock
- Height adjustment of approx. 37-81 cm
- Reverse-Trendelenburg position up to 12°
- Wooden surrounds Lito, Pino or Alero as desired

Elvido rega

Model as Elvido, but with:

- 4-section mattress base, mechanically adjustable
- Mechanically adjustable height using foot pump
- Height adjustment of approx. 39-81 cm
- Mattress base sections with wire mesh
- Bed extension for Elvido rega model for bolting on (optional)

Accessory equipment****

- OpenBus technology
- Integrated bed extension with telescopic safety side bars and side panels
- Linen holder
- Staining of wooden surround
- 24-volt drive system with external transformer
- Addition handset for tilting head end
- Comfort mattress base**
- Wall deflection roller, horizontal action
- Universal deflection roller, horizontal and vertical action

- Infra-red remote control
- Under bed light
- Integrated light connection
- Integrated battery
- LCD handset
- Out-of-Bed system
- Elvido rega: Bed extension
- Elvido rega: Tilting of mattress base 10/12°
- Elvido rega: Trendelenburg position 12°
- Elvido rega: Reverse-Trendelenburg position 10°

Accessories

- Battery with external battery charger (adapter cable required on bed)
- Reading lamp, halogen or LED lamp
- Foam leather cover (for safety sides)
- Fall protection mats
- Infusion stand/holder
- Clamp-on safety side bar
- Various cushioning systems
- Tray
- Side bar and panel for extension
- Plastic adapter and mattress piece for bed extension
- Lower leg rest extension
- Wall spacers

* only with Alero, Pino and Lito headboards; ** only for mattress bases 100 cm; *** Safety recommendations from the German Federal Institute for Drugs and Medical Devices (BfArM) **** electrical accessory equipment not available for Elvido rega

Equipment and options

	Model features	Elvido	Elvido breve	Elvido vervo
Actuators	Fully motorised	●	●	●
	Fully motorised OpenBus technology	○	○	●
	24 volt (external transformer)	○	○	○
Electronic components	Handset (selective locking function)	●	●	●
	LCD handset	○	○	○
	Out-of-Bed system	○	○	○
	Handset for tilting the head end (Trendelenburg)	○	○	○
Safety side systems	Integrated full-length safety sides	●	●	●
	Integrated combined safety sides	○	○	○
	Full-length safety sides can be retrofitted*	○	○	○
	Side panel without safety side	○	○	○
Mattress bases	Hygiene mattress base	●	●	●
	Comfort mattress base**	○	○	○
	Mattress base width 100 cm*	○	○	○
	Wire mesh mattress base	-	-	-
	4-section mattress base	●	●	●
	Mattress base tiltable to reverse-Trendelenburg position	●	●	●
	Mattress base tiltable to Trendelenburg position	○	○	○
Castors	Cover castor	-	-	-
	Double castors	●	●	●
	4 central locking castors	●	-	○
	2 x 2 locking castors	○	●	●
Wall deflection systems	Horizontal action	○	○	○
	Horizontal and vertical action	○	○	○
	Wall spacers on chassis	○	○	○
Miscellaneous	Ground clearance for patient lifts	●	●	●
	Sleeves at head end	●	●	●
	Sleeves at foot end	○	○	○
	Integrated bed extension	●	●	●
	Bed extension with telescopic safety sides	○	○	○
	Linen holder	○	○	○

*Only with headboard Alero, Pino and Lito; **not for mattress base 100 cm

● = Standard ○ = Optional - = Not available

	Features	Elvido movo	Elvido forto	Elvido rega
Actuators	Fully motorised	●	●	-
	Fully motorised OpenBus technology	○	○	-
	24 volt (external transformer)	○	○	-
Electronic components	Handset (selective locking function)	●	●	-
	LCD handset	○	○	-
	Out-of-Bed system	○	○	-
	Handset for tilting the head end (Trendelenburg)	○	○	-
Safety side systems	Integrated full-length safety sides	●	●	●
	Integrated combined safety sides	○	○	○
	Full-length safety sides can be retrofitted*	○	○	○
	Side panel without safety side	○	○	○
Mattress bases	Hygiene mattress base	●	●	-
	Comfort mattress base**	○	-	-
	Mattress base width 100 cm*	○	●	-
	Wire mesh mattress base	-	-	●
	4-section mattress base	●	●	●
	Mattress base tiltable to reverse-Trendelenburg position	●	●	○
	Mattress base tiltable to Trendelenburg position	○	○	○
Castors	Cover castor	-	●	-
	Double castors	●	-	●
	4 central locking castors	●	●	●
	2 x 2 locking castors	-	-	-
Wall deflection systems	Horizontal action	○	○	○
	Horizontal and vertical action	○	○	○
	Wall spacers on chassis	○	○	○
Miscellaneous	Ground clearance for patient lifts	●	●	●
	Sleeves at head end	●	●	●
	Sleeves at foot end	○	○	-
	Integrated bed extension	●	●	-
	Bed extension with telescopic safety sides	○	○	-
	Linen holder	○	○	○

*Only with headboard Alero, Pino and Lito; **not for mattress base 100 cm

● = Standard ○ = Optional - = Not available

Ihr Bett – unsere Leidenschaft
Your bed – our passion

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