



Völker beds and bedside cabinets.  
A complementary selection of furnishings.

**VÖLKER**

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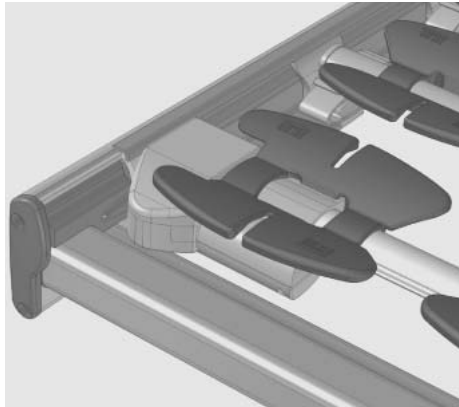
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**Our vision of providing the best possible healthcare beds:**  
Why we build healthcare beds exactly as we do and not differently.

In 2005, Völker healthcare beds won the innovative prize “Architecture + Health” that was awarded for the first time. In the opinion of the judges, Völker healthcare beds *“apart from sophisticated technology, show a successful symbiosis between function and form.”*

This is one of many awards, which once again confirms a fundamentally new concept, while still maintaining the unmistakable (and very homelike look) available since the original product launch. In addition to a long history of design awards, there are so many benefits that are unique and executed with such a high level of perfection that are simply not available from other manufacturers.

The reason for this is easy to explain. Völker healthcare beds were the first to be manufactured according to a completely new design concept. They were the first to look like normal home beds. They were the first beds with telescopic height adjustment. They were the first beds with hidden assist rails. They were the first ones with a guaranteed safe electrical protection system. Völker healthcare beds were the first to have two-part assist rails, which also meet future entrapment safety guidelines. Völker developed the Micro-stimulation System as a pressure reduction system for effective pressure sore prevention. And Völker has now developed an optional, active Micro-stimulation System for easy integration to current series beds that will effectively support pressure sore therapy.

What do these benefits mean to you? These benefits represent an added value to you. The design of Völker healthcare beds guarantees reduced maintenance, repairs are significantly easier, saving time and operating costs. Völker beds optimize your caregiving processes and thus the effort involved. That means: More safety during daily care. More safety when entering and exiting the bed. Safety that meets the individual needs of residents and the actual demands of the caregiver. More possibilities for individual independence of residents. A reduced danger of falling. There have been cases where there is a 34%\* lower prevalence of pressure ulcers with MiS® and up to 80%\*\* less with MiS® Activ.

So it is about a comprehensive nursing care concept that includes requirements to provide mobilization, to promote sensory perception and to reduce pain. And due to the exceptional Health Care Design, it additionally meets the residents’ demands as to aesthetics, comfort and ambience, thereby promoting everybody’s satisfaction. All of this combined with the reduction of effort and need for assistance, additionally reduces the number of staff sick days and turnover of employees.

For all these reason we build Völker healthcare beds exactly the way we do and not differently.

**Heinrich Völker**  
Chairman of the Executive Board  
Witten, January 2006

\* Results of a long-term study by the “Meander Medisch Centrum”, Amersfoort/Netherlands, 2003/2004

\*\* Results of a long-term study of the Micro-stimulation system with the same effect, Thevo-Activ, 2005

## The healthcare bed.

Functionality in its most beautiful form.

*Since 1994, Völker healthcare beds have been regularly awarded prizes for their form and function, the last time at the GERONT EXPO Paris 2003 and at the ALTEN-PFLEGE Nuremberg 2005*

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You are surely aware that: things are changing with regard to senior care.

Overall conditions are becoming more demanding, thereby requiring increased effort across the board. Good nursing staff is scarce on the one hand; while on the other hand the demands of residents and their families grow because the new aged are not the old aged any longer. Their demands are getting more differentiated on the whole. With today's regulations and with residents entering a health care facility at a steadily increasing age combined with a corresponding reduction in mobility and cognitive capability, these demands can be managed only with the best experts and efficient nursing aids.

Völker healthcare beds meet the desires of seniors and also the requirements of good healthcare. The "German Social Security Code" (and we feel this concept to be universal worldwide) reads:

*"Nursing care facilities care for, provide for and look after people in need of care, who call on their services according to the generally accepted status of human-medical knowledge of caregivers". And: "The contents and organization of services have to ensure human and activating care by respecting human dignity."*

In order to realize this Völker has turned many weaknesses of conventional healthcare beds into strengths, which you will find out about on the next pages.

So height, lying surface and transport functions of the beds are activated by electric motors and can be controlled with ease using hand control units. The extremely stable undercarriage consists of four legs, into which the heavy-duty casters are integrated and automatically extend only as needed.

Height adjustment is achieved by four telescopic height adjustable legs. These are connected to the main bed frame at four points that hold the bed securely and level to the ground even in the case of uneven weight placement. A control unit synchronizes both ends of the bed to ensure horizontal raising and lowering.

The four-section lying surface can be individually adjusted and is equipped with mattress compensation to provide more comfort to the occupant. Pressure reduction is achieved using the Völker Micro-stimulation System. The highly adaptable assist rail system disappears under the lying surface when not in use, but can be raised in stages as required by the occupant or nursing staff. And, as always, a look of fine furniture and a homelike ambiance.





### The Völker MiS® Micro-stimulation System.

The pressure reduction system for effective Pressure sore prevention.



*With the Völker's MiS®, the entire lying surface is distributed over many butterfly springs that are mounted on flexible support profiles. These, in turn are connected at their ends by means of flexible suspension units that connect the system to the lying surface frame.*

It is well known that many residents within the healthcare system will be at risk of developing a pressure sore. Of course, monitoring and prevention will be the responsibility of healthcare providers. A very important question will therefore be: Does the care plan and documentation indicate prevention and/or therapy?

In cooperation with Thomashilfen and IGAP (Institute for Nursing Care Science) Völker has developed a torsional basal springs system for effective Pressure sore prevention; the Völker MiS® Micro-stimulation System, especially for Völker beds.

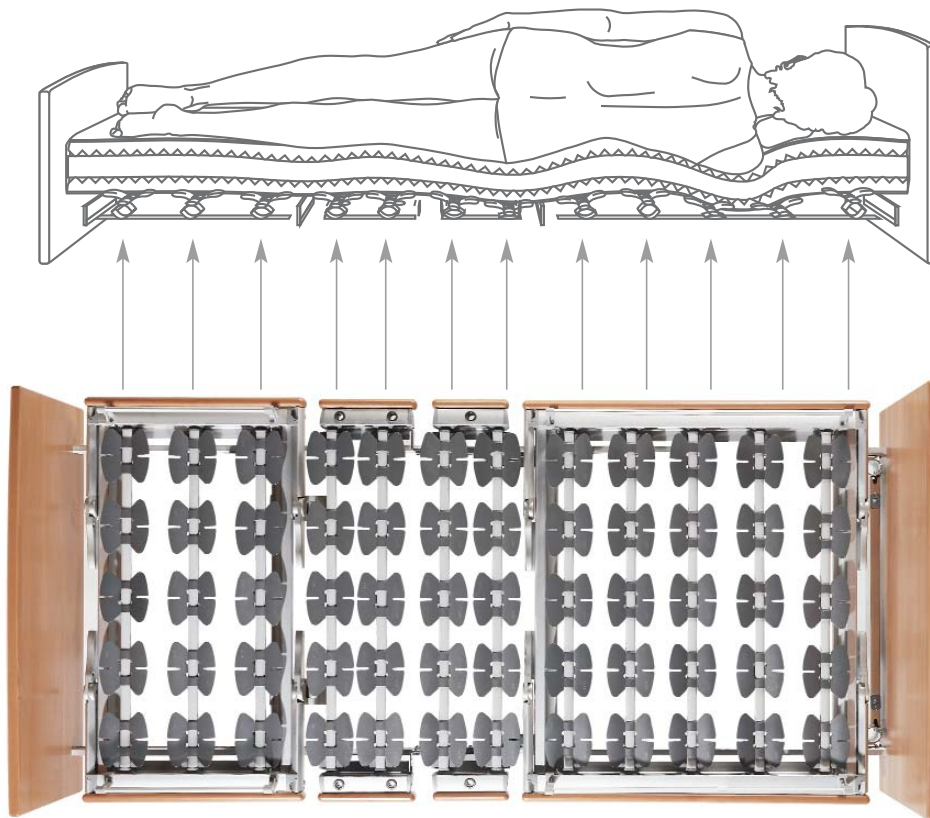
Völker MiS® promotes the caregiver in implementing the concepts of basal stimulation, Bobath and kinesthetic. The system's feedback to the resident creates somatic and vestibular stimulation, it conveys information about his body state; little movements cause the occupant to mobilize on their own. It is in this way that physiological circulation of the skin, among other things is ensured so that pressure sores can be avoided or the basic requirement for pressure sore healing can be created.

At the same time, the Völker MiS® Micro-stimulation Systems also promotes movement, sensory perception and the reduction of pain.

### The Völker MiS® Micro-stimulation System.

The passive system for effective Pressure sore prevention.

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*The upper surface of the Völker MiS® Micro-stimulation System consists of many butterfly springs. Due to the significant number of support points, the pressure is equally distributed. It is this system that allows the occupant to be positioned in an anatomically correct way, and therefore they are able to get a really good night sleep.*

Experts call pressure sores a national tragedy. Decubitus treatment entails a huge effort, unnecessary costs, endless pain for the residents and mental strain for caregivers. It is in these cases where a so called “pressure relieving” mattress on a rigid support lying surface are not always effective.

What is needed here is a well thought-out system: The Völker MiS® Micro-stimulation System with butterfly spring elements on flexible support profiles which, in turn are connected by means of flexible suspension units. The transmission of movement across these elements combined with their ability to flex up and down provides dynamic movement stimuli that can be processed by the central nervous system, as well as a contouring that facilitates individual body shape and comfort requirements.

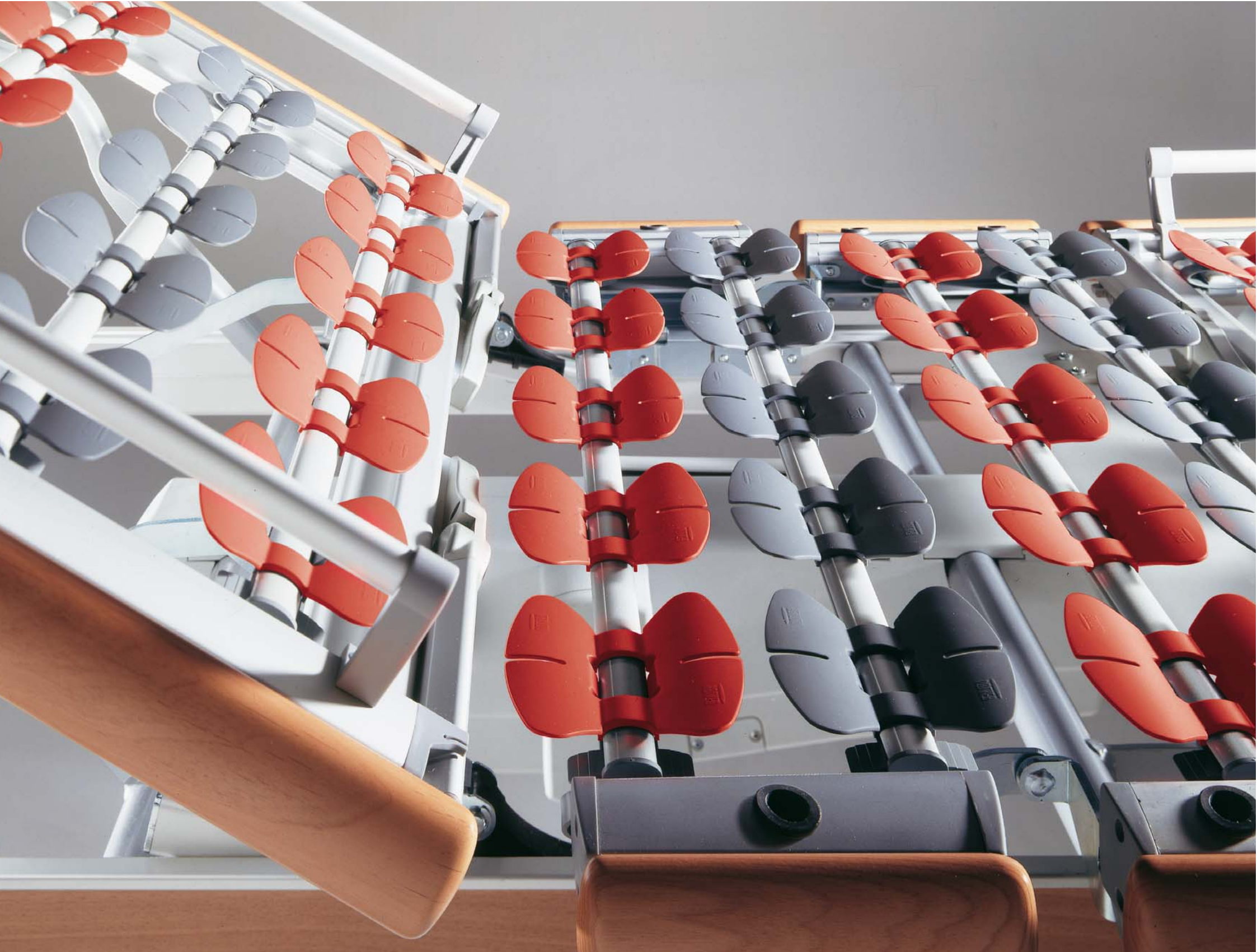
Völker MiS® is a nursing care tool that supports and complements care through basal stimulation in a sensible way. In all, it provides an effective nursing care concept for pressure sore prevention.

The results of a long-term study (Meander Medisch Centrum, Amersfoort/NL) underline this with a reduction of decubitus II, III and IV by 34 per cent and with a reduction of the time a residents lies in bed by 52 per cent.

So the system which has been proven in practice since 2003 and which is standard equipment on all Völker beds, is also included in the base price.

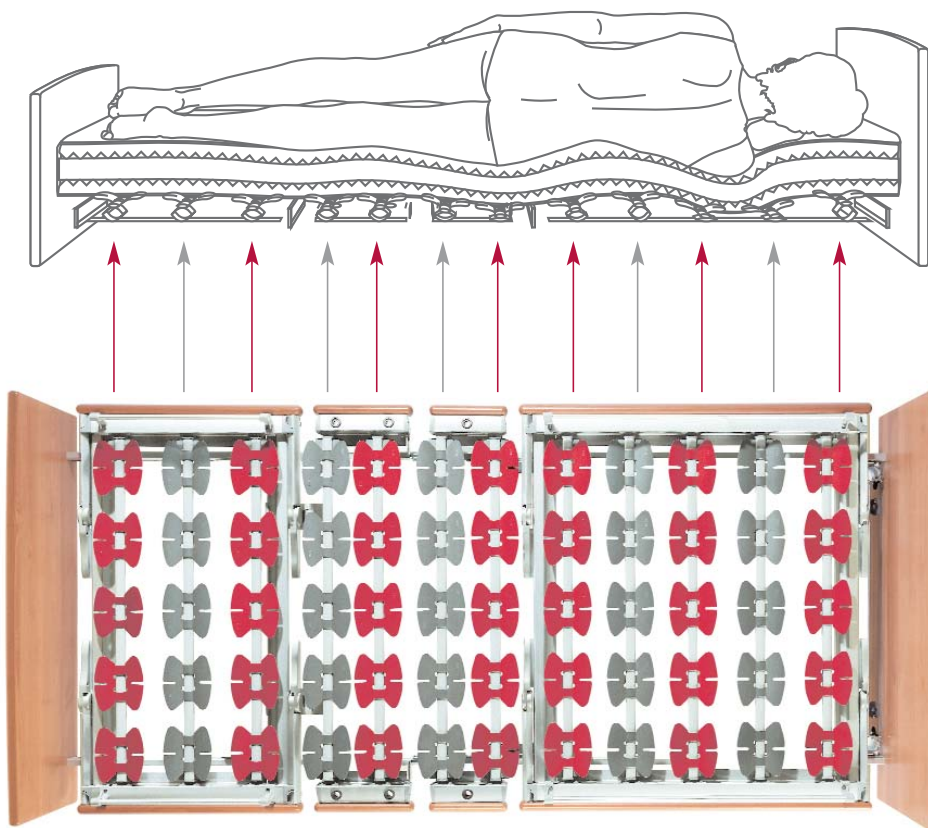






### The Völker MiS® Activ.

An active care system that promotes pressure sore therapy and really helps.



To promote pressure sore therapy with immobile residents indicating decubitus ulcers up to stage III and IV, there is now the Völker MiS® Activ system that actively moves the butterfly springs in risk areas by the raising and lowering of both the flexible support profiles and the butterfly springs. The sections of the Völker MiS® Activ system can easily be exchanged for the passive standard lying surface sections as needed.

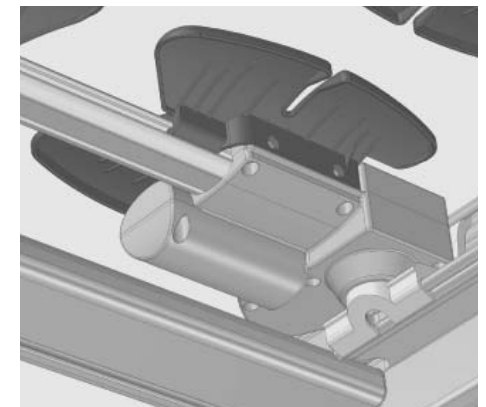
The ease of exchange of these sections makes the Völker MiS® Activ an attractive alternative for facilities already using the standard MiS® Micro-stimulation System, and in many cases a better one. Given a similar potential for healing, Völker MiS® Activ offers a system that is both less cumbersome and less expensive than traditional alternating pressure systems.

A clinical study for Thevo-Activ, the Micro-stimulation System of Thomashilfen, with pneumatic drive, is already available. The result: With 77 per cent of people affected by decubitus II to IV, a clear improvement arose, out of which 33 per cent resulted in a complete sore healing.

The Völker MiS® Activ is based exactly on this Micro-stimulation System, activated by means of an electric motor to move the support profiles and butterfly springs.

*Left figure: Pressure sores often develop below convex bone structures. This is exactly where Völker MiS® Activ has an effect.*

*Right figure: With the active MiS®, support profiles that hold the butterfly springs are raised and lowered by an activator, the source of movement for the Völker MiS® Activ.*





**The perfect technology of Völker healthcare beds.**  
Advanced in design without being complicated.



*Top figure: The bed stands solidly on the floor on its four large diameter legs. The casters extend only when activated by the hand control.*



Keeping it simple can produce startling results. The Völker healthcare bed is an example of this. What looks simple and beautiful at first glance is in fact the result of longstanding experiences, the knowledge of caregiver's everyday practices and finally the result of the highest engineering skills. The comparison of a Völker bed next to any other healthcare bed makes this immediately clear.

Völker beds are designed to be hygienic. So motor units are integrated into waterproof housings, for example. All components have as smooth surfaces as possible, with all materials used being easy to clean and maintain. These technical details will provide benefits in terms of preparing beds for new residents. Ease of cleaning, reduced maintenance, and if it comes to it, easy replacement of complete assemblies, all add up to better beds.

*Left figure: Lying surface sections can be easily removed for cleaning or replacement for an MiS® Activ upgrade.*

*Right figure: Clear access and a choice of undercarriage heights mean that resident lifting devices can be easily accommodated.*

## The guaranteed safety of Völker healthcare beds.

Safe electric operation!

The risk analysis process followed by a manufacturer with regard to electrical safety is according to the requirements of applicable standards.

Völker has always exceeded these normative requirements and additionally has all electrical and mechanical details checked by independent testing organizations. The specifications stated in the “Law for Medical Products” are considered only as minimal requirements.

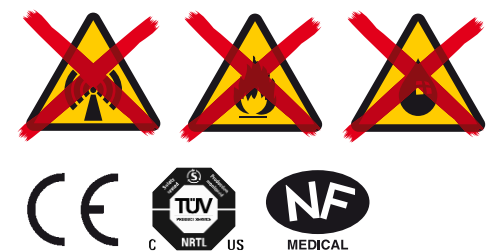
Völker healthcare beds are equipped with 10 protective safeguards that are synchronized in such a way that if one fails – which under normal circumstances is virtually impossible – then another protective measure kicks in.

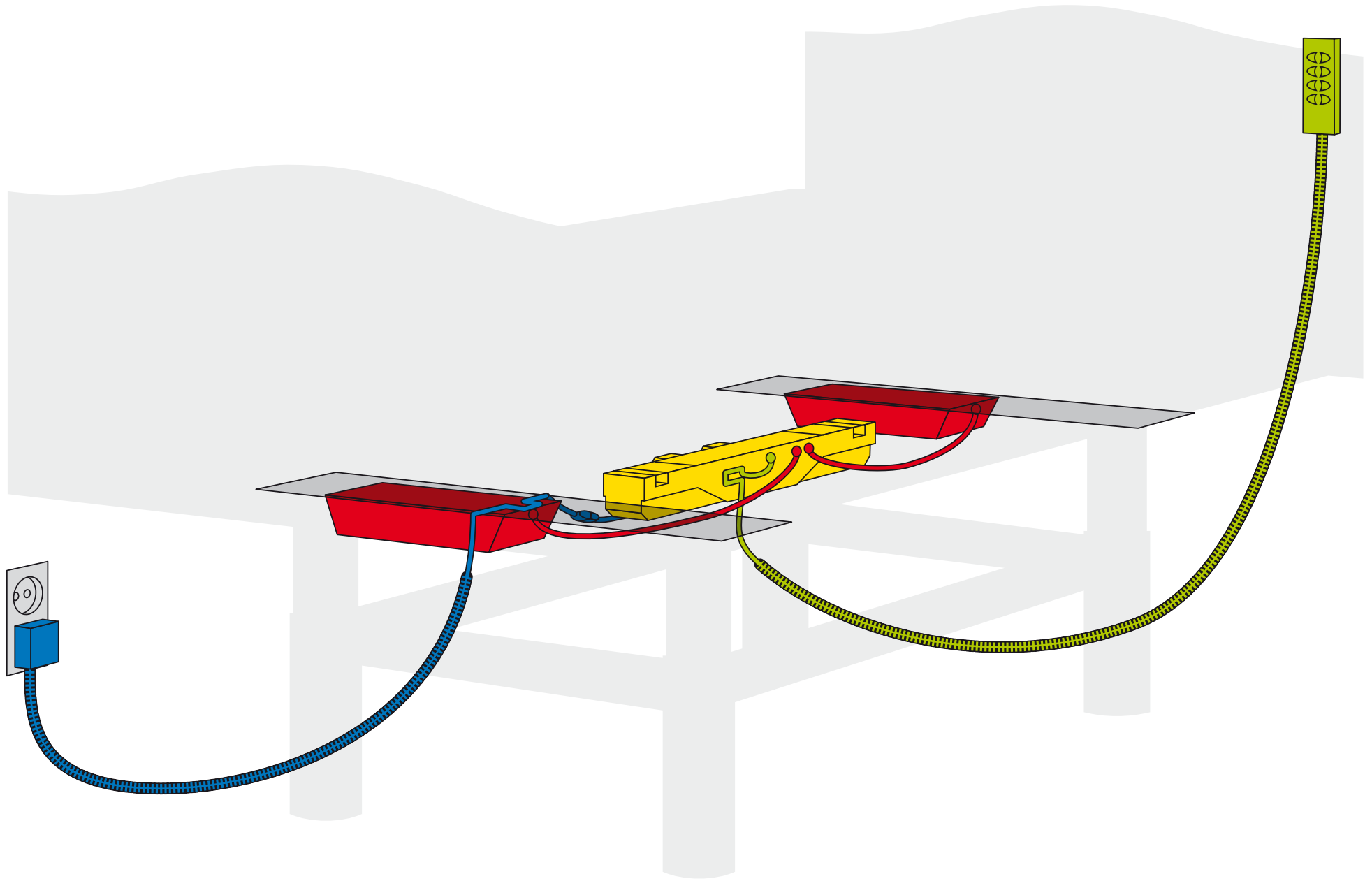
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The first protective safeguard seldom found in other healthcare beds is the so-called main power cut-out switch. It ensures that the bed circuits are connected to the main power supply only when the hand control button is pushed. At all other times, power to bed circuits is disconnected from the main power supply as if the main power plug were pulled out. This makes a Völker healthcare bed not only free of electric current, but also free of electromagnetic fields.

1. **Zero potential due to main power (mains) supply cut-out.**
2. **Primary fuse integrated into the power plug:** Protection in case of minimum failures.
3. **Extra strong, coiled cables.**
4. **Additional cable supports** prevent cables from being damaged in case of improper use.
5. **Multi strain-relief cables** at the bed frame and at the entrance to the motor housing.
6. **Thermal fuse** in the transformer.
7. **Secondary fuse** in the low-voltage circuit.
8. **Polyswitch** (self-backswitching thermal and overload fuse).
9. **Watertight** according to IPX 4.
10. **Resident hand control unit lock-out.**

*Völker healthcare beds have been designed as safe medical products using state of the art technology to prevent any danger when used as directed.*









**A completely flexible assist rail system.**

As much protection as necessary, as much freedom as possible.

Bed assist rails aid those who need assistance get into or out of the bed. They provide a sense of security as well as indicate the edge of the bed. Traditional full length rails are declining in usage, due to the increased risk of accidents associated with climbing over these rails. Modern assist rails allow the nurse aid to more easily tend to the resident, thereby preventing additional strains on the caregiver. Modern assist rail also reduce the feeling of restraint previously associated with side rails.

In far too many cases, traditional side rails have been left up in order to “protect” the resident.

The conflict of whether to use protective rails or not has been resolved by the completely flexible assist rail system incorporated into the Völker 3080 bed. This assist rail system offers the complete continuum from rails that are totally hidden away to a system of total protection. The nursing staff can easily choose the level of freedom or protection that is appropriate for any particular resident with Völker’s disappearing height adjustable assist rails at the head or foot end of the bed.



*A fall protection mat is available for additional safety.*

*For enhanced safety and convenience, the assist rails move along with the head and foot sections of the bed.*

*The assist rails can also be used as an additional support for therapeutic positioning.*

**Easy to use assist rails.**

More safety and convenient care giving.

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*Left figure: Völker assist rails are easy to operate and are very strong. They are equipped with a safety lock that stays locked, even with high side pressures. In the case that the assist rails are overloaded, the rails will flex – eliminating the possibility of breaking the guides or the rails.*

Völker assist rails do not hang on the side of the bed. They disappear below the lying surface when not in use. This means that they have a nice appearance, do not get in the way of lifting devices and will not interfere with the caregiver in their raised or lowered positions.

The assist rails are first pulled out slightly and raised into a low assist rail position. This position provides for a bed edge indicator and an assist when entering or exiting the bed. The assist rail can then be further raised to a higher position for more protection. Neither the high or low position will create a restraint for the resident that is capable of getting into or out of the bed.

*Right figure: The unique design of the Völker assist rail system allows it to offer a complete assist rail system and still be in compliance with the dimensional guidelines of the FDA (Food and Drug Administration) HBSW (Hospital bed safety workgroup).*

*Bottom figure: For special applications, the assist rails can be converted for full protection with a slide in spacer.*





**Functions for adjustment the bed height and lying surface.**

Völker healthcare beds put residents in motion.



*Völker healthcare beds encourage the resident and facilitate caregiving. The following positions can be operated by means of the hand control unit (see top left figure):*

*Normal sleeping position, raised upper body position, sitting position with lower legs raised, raised knee position, comfort sitting position, reverse Trendelenburg and Trendelenburg position.*

The substantial strength of the assist rails on the Völker 3080 also help in turning over, sitting up and as an assist to standing. They are an ideal psychological as well as physical tool for encouraging independent mobility. By adjusting the back section and the bed height, the resident can help themselves out of (or into) the bed, thereby encouraging independence and saving the nursing staff additional lifting.







*Design S*



*Design C*



*Design FS*



*Design ST*

Because of the way Völker healthcare beds are constructed, a wide variety of head and footboard designs is available.

Additionally, a choice of interesting materials is available and even custom designs or special requests for volume purchases.



*Design MA*



*Design MB*



*Design LP*



*Design K*

**The wide and individual choice of design in Völker healthcare beds.**  
The right bed for every individual taste.

Völker healthcare beds and furniture offer healthcare facilities the possibility to choose from a wide range of models in various designs. Within these designs, every bed offers the same functionality, the same safety, the same promotion of occupant independence and the same assistance to the caregiver.

The acquisition of Völker healthcare beds allows a facility to distinguish itself within the market as focused on resident dignity and lifestyle quality. The choice of Völker beds is a strategic investment into the future of the facility.



*Left figure: Völker 3080 MB with the healthcare undercarriage includes hidden casters that are activated by the hand control.*



*Right figure: Völker S 280 S with the hospital undercarriage that can be moved at any height.*





**Series 3080 healthcare beds.**

The ideal healthcare bed for any resident.

Völker 3080 healthcare beds come standard with disappearing head and foot section assist rails.

They are provided this way because they meet the national and international standards for safety in the prevention of entrapment and falls. In addition, they meet the complete needs of residents who are in or around the bed and promote the lowest incidence of risk. (see also pages 16–17).

*Figure on page 24:  
3080 MA healthcare bed  
in cherrywood with  
matching 3014 M (P 920)  
healthcare bedside cabi-  
net and S 550 easy chair.*



*Top figure: 3080 C  
healthcare bed in maho-  
gany. Next to it, the  
3080 MB healthcare bed  
in cherrywood.*



*Left figures: 3080 MAH  
healthcare bed in chery-  
wood in detail, and with  
3012 MP (P 910) health-  
care bedside cabinet.*

**Series 3080 healthcare beds.**

In a typical bedroom arrangement: Design style 3080 MA (solid wood).



The classic bed consists of the undercarriage, the lying surface, assist rail system, and a head and footboard. If the bed contains all the elements necessary for the occupant to achieve independence and the caregiver to be assisted in their daily activities, then it must be a Völker healthcare bed.

Like, for example, the Völker 3080 MA, the healthcare bed in its most beautiful form, because of its clean design, which can – like in this example – be arranged side by side (twin configuration).



*Top figure: Assisted living scenario in an apartment furnished with 3080 MA healthcare beds. On the top right, the RT-985 server is in use.*

*Left figure: 3080 MA healthcare beds in Golden Alder with matching 3014 M (P 920) healthcare bedside cabinets.*





**Series 3080 healthcare beds.**  
3080 FS design style (flat profile design).

*Figure on page 30:  
Völker 3080 FS in royal  
maple with matching  
3015 RAF (P 935) health-  
care bedside cabinet,  
plus S 550 easy chair  
next to the  
TX 82/7 table.*



*Left and top figure:  
Völker healthcare beds  
can be lowered to 15.7 in.  
(40 cm) or 13.8 in. (35 cm)  
and are therefore ideally  
suited for wheelchair  
users.*

*Right figure: Nicely styled  
mattress retainers hold  
the mattress securely in  
place.*



Not every person in need of care is old. And – as we have said before – the new aged are also not necessarily the old aged any more. If “modern” is synonymous with youth, then the Völker 3080 FS in royal maple appears in a very young and pleasant design. This style is underlined by the undercarriage in anodized aluminum – which, by the way, is a standard with all bed styles in maple wood.

**Series 3080 healthcare beds.**  
3080 LP design style.

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*A bed should be “fine in wood, of great design and interesting character”. If this quotation could be applied to a bed, it could only mean a Völker 3080 LP healthcare bed. “LP” indicates Louis Philippe, the so-called citizen king who not only reigned in France, but who also initiated a new styling trend, the Louis-Philippe style.*

The 3080 LP healthcare bed is a new and real alternative among Völker’s standard model choices. It is particularly noble in dark wood and in combination with the furnishings matched to it.



*Völker 3080 LP in mahogany stained beech with anodized undercarriage. Shown with the matching multi-functional height adjustable “Butler” nightstand. The arrangement is completed by the matching K 100 R wardrobe and the ST 504 high-back chair with the TX 82/7 table.*







**Series 3080 K healthcare beds.**

More easily meeting requirements for more care and more durability.

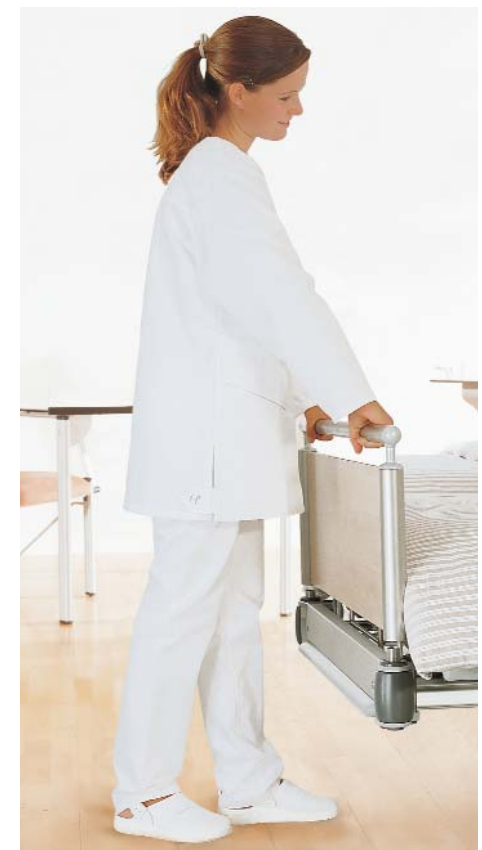
The Völker 3080 K healthcare bed is the result of Völker's unique platform strategy. Combining the upper frame from their hospital bed with the undercarriage from their nursing bed, Völker has designed a bed that is appropriate for special care residents while being especially durable. This combination allows for more acute care (quick release head and footboards for example), transport at any height and many design options to provide for a more normal room environment.

*Figure on page 32:  
Völker 3080 K in Wendy  
creme with anodized  
undercarriage. The bed  
is complemented by fur-  
niture from the Völker  
hospital program: K 930  
(K 984k) bedside cabi-  
net, RT-985 server,  
AT 82/7 table and an  
AS 985 easy chair.*



*Top figure: Bed width is not increased with the assist rails in the raised position.*

*Right figure: The head and foot boards of the 3080 K slide into place and can be quickly removed as required.*



**Series 2080 healthcare beds.**

The original Völker healthcare bed.



*Far left figure:  
2080 S healthcare bed  
in round profile design  
and 2080 FS healthcare  
bed (curved top design)  
with full-length side rails.*

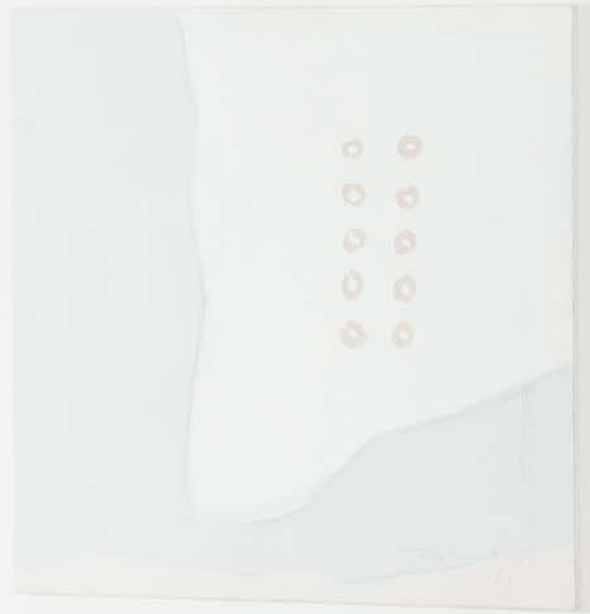
The original Völker healthcare bed continues to be a top seller since it was first introduced in 1992: the healthcare bed in round profile design. Displayed here as the latest 2080 models with full-length side rails.

Although today's nursing practices and the recommendations of many agencies are in favor of minimizing or eliminating the use of side rails, there are still some applications for which side rails are prescribed. For these applications the Völker 2080 beds are ideal.

Specialized hospitals and healthcare facilities often rely on the 2080 beds to meet their unique needs. These beds provide a non-institutional appearance in an environment that is often looking for such an alternative. The side rails slide down when not in use, looking only like the nice wood finished sides of the bed.

Special applications require special beds. The 2080 series beds satisfy specialized needs and allow the best possible care giving. Side rail pads are especially easy to use with the 2080 beds, facilitating the caregiver in taking care of the resident or patient. 2080 side rails can be raised at only one end if it is necessary to provide a way to exit the bed.

*Figure on page 35:  
2080 S healthcare bed  
with 2084 (P 941) bed-  
side cabinet and ST 504  
high-back chair.*





**Series S 380 and S 280 healthcare beds.**  
More than you would expect of a healthcare bed.

The Völker series S 380 and S 280 healthcare beds are another application of Völker's unique platform strategy. Combining the upper frame from their healthcare bed with the undercarriage from their hospital bed, Völker has created a bed with a very attractive appearance while at the same time including the ability to transport over more uneven surfaces and at any height.

*Right figure: S 280 healthcare bed with full-length side rails in the S design.*

*Figure on page 36: S 380 healthcare bed with two-part assist rails in the FS design.*



*Left figure: Series S 380 and S 280 healthcare beds are equipped with easy to roll casters that can be centrally locked by a foot brake lever. Full swivel function and straight steering can also be achieved with the foot lever. Shown with (optional) closed caster.*



### Series 5380 low-height healthcare beds.

The alternative for residents at risk of falling from bed.

Many healthcare facilities have a small population that are at risk or have demonstrated a previous experience of falling from bed. If these same residents are considered restrained by a traditional assist rail, then alternate solutions must be found.

It is for these residents that the Völker 5380 healthcare bed has been designed. By combining Völker's existing lying surface and frame with a new ultra low-height undercarriage we have created a bed that has all the benefits of our existing beds, plus a very low lying surface height of 9 in. (23 cm). Combined with a low profile mattress, a very low top of mattress height can be achieved.

The unique hide-away design of Völker's assist rails (that do not hang down on the side of the bed) means that we can offer a complete assist rail system, even on a very low bed. This is done in an integrated way, so that Völker beds do not look like they have had assist rails added after the fact. As a result, the resident and staff can take advantage of the most

advanced assist rail system available, or simply store the assist rails in their hide-away position so no one knows they are there. If necessary (see page 17).



*A complete system of head and foot section assist rails allows the resident to use both hands to get into or out of bed (see right figure). Of course these assist rails can be used individually, telescoped to a lower position or hidden away under the lying surface as needed.*



*Left figure: The Völker 5380 low-height bed has a safe working load of 375lbs (170 kg) and a height adjustment range of 9 in. to 29 in. (23 to 74 cm). Casters are automatically locked at the lowest position.*

Völker 5380 MA.

Awarded at the ALTEN-  
PFLEGE 2007, Nuremberg:  
Innovationprize (1. prize)  
„architecture + health“.



Innovationspreis

architecture + health



### Everything you would expect from better beds.

To increase the quality of care. To make care giving easier. To reduce operating costs.

#### Total sleeping comfort.

Völker's MiS® Micro-stimulation System increases comfort for all residents as well as being a part of a complete pressure sore prevention program. For even more benefit the MiS® Activ is an option that can be ordered with the bed or added to all current model beds. After all, what's more important than a good nights rest when choosing a bed?

#### Protection and compliance.

A complete assist rail system allows the caregiver to use as much assist as required or to simply slide the rails away so they are not seen. Assist rails can be raised to a low position for bed edge indication or for assist in getting into or out of bed. They can also be telescoped higher as required for additional assistance or to protect against falling out of bed. This patented system meets national and international standards.

#### Absolute stability during use.

No matter which Völker bed is chosen, confidence can be assured that nursing procedures can be carried out with the bed at any height. All beds are absolutely stable and always raise horizontally due to their quality engineering and synchronized motor systems. Völker's exclusive telescoping legs shown below (see figure 1 & 2).

#### Völker beds provide independence.

Residents can operate Völker healthcare beds with a convenient hand control unit (see figure 3). Several choices of hand controls are available to meet the needs of the resident or caregiver. Controlling the lying surface and height adjustment of the bed allows the resident (when appropriate) to have more auton-

omy and the caregiver to be relieved of some positioning duties. A lockout is included on the hand control for use as needed.

#### Guaranteed electrical safety.

Völker healthcare beds use a system of multiple and redundant electrical devices to ensure the highest level of electrical safety. Electricity is only supplied to the bed when the buttons of the hand control are pushed, thereby reducing electrical usage, noise, and eliminating any electrical field below the resident.

#### Lowest operating costs.

Völker healthcare beds are designed to be fast and easy to clean. All motors are placed in housings made of easy to clean materials that enhance the length of their life. This means greater safety, minimal need for repair, long maintenance intervals and quick turnover of beds between residents.

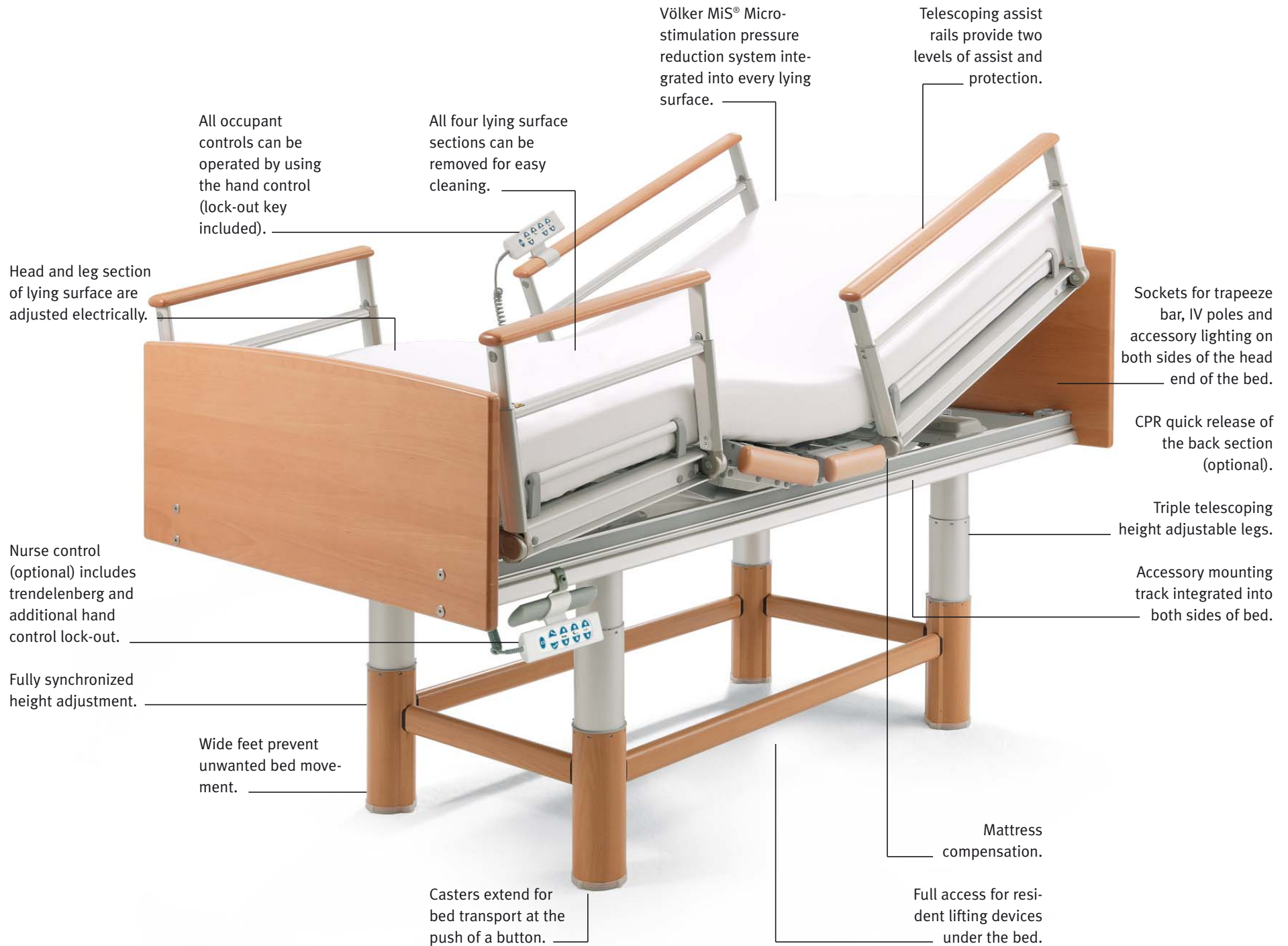


*Quality as can be expected when it says "Made in Germany": Völker healthcare beds are designed and manufactured in Witten/Westphalia, with all parts being purchased from German suppliers and the quality of production and products being continuously monitored.*

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**The Völker Supply Bar.**  
Modular Healthcare Design.

The Völker Supply Bar concept provides a number of modular solutions for any construction or renovation project. Available dimension choices and appearance allow integration into a variety of rooms and design configurations.

The Völker Supply Bar will complement existing furniture and can be combined with nursing furniture like bedside cabinets, the Völker butler and – also as a good idea – a Völker server.

The Supply Bar is available in a variety of heights and can reach from floor to ceiling as required. Controls and receptacles such as light switches, nurse call, electric receptacles, computer access and others can be integrated into this system. A convenient way to solve many issues at once.

*Figures, top:  
The adjustable positioning of the accessories makes it possible to attach the drawer unit at the perfect height for the ultra-low bed.  
It can also be used along with existing bedside cabinets.*



## The Healthcare Design.

By Porsche Design Studio.

Can a supply and storage system actually be integrated into a healthcare room without dominating it? And still integrate nicely with the design? The Völker Supply Bar can.

In conjunction with the **Porsche Design Studio**, we came up with a modular system that creates an ideal working environment, with easy access to convenient storage and electric utilities. Meticulously thought out to blend with the room furnishings while providing ergonomic access to the resident at all times.

For the resident, the Völker Supply Bar provides convenience and safety. All switches and controls are within easy reach, as are all storage accessories.

As to the advantages for the care giver? The Völker Supply Bar makes for easy access, housekeeping and cord management. The front panel and accessories are available in a wide range of colors to match or complement other room furnishings.



*Received the innovation prize "architecture & health" at the ALTENPFLEGE 2008 trade fair*

Wohn- + Büro- + Leuchten- + Fitness-  
Küchen- und Badzusatzanlagen  
Gebäudeelektrik- + Schalter  
Sicherheitsysteme  
Möbel...

Innovationspreis

architecture + health

*Honorary mention at the reddot design award 2008*



reddot design award  
honourable mention 2008



### Accessories for Völker healthcare beds.

Factory original accessories facilitate most all special requirements.

Völker healthcare beds are equipped with integrated accessory mounting track on both sides of the bed and mounting sockets along the head of the bed. And of course there is a complete selection of accessories, such as nurse control units, universal hooks, trapeze bars, IV poles, urinal holders etc. All of which are designed to be easily attached without the need for tools.

All Völker accessories are designed to the same exacting standards as our beds are. They are manufactured of the highest quality materials and can therefore be used with the assurance of safe operation.

You can find the entire selection of Völker accessories in the catalog that is free of charge: "Accessories for healthcare beds".



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*A wide range of quality accessories are available for Völker healthcare beds.*

*A new accessory available from Völker is the caregivers call unit that can be clipped on the assist rails. (see figure in the middle)*



### **Völker healthcare bedside cabinets and servers.**

The perfect complement for any healthcare bed.

Choosing matching furnishings is often an important part of the selection process for the resident room. Important as well, is taking into account the residents interest in accompanying furnishings that are more than just basic, that offer a more personalized and stylish design.

Völker healthcare furniture has been designed to do exactly that, meet the need for functionality while at the same time provide a better quality of life. The design of Völker's bedside cabinets and servers are truly high quality (and therefore cost saving in the long run) and also designed to provide convenience and a nice ambiance for your residents.

### **Völker P 941 (2084) healthcare bedside cabinets.**

More than just bedside cabinets.

These bedside cabinets have been designed for healthcare settings and the disabled, and they are therefore more than just bedside cabinets: They are about multi-functional furnishings that make life easier for users while in the bed and caregivers as well. For example, a space saving fold-out over bed table can be adjusted in height and swivels for convenience.

With its round corner design, the P 941 (2084) healthcare bedside cabinet matches almost any Völker healthcare bed.

### **Völker P 930 (3014 R), P 935 (3015 R) and P 920 (3017 R) healthcare bedside cabinets:**

More space for everything.

These bedside cabinets offer real strengths: A large drawer is mounted below the upper drawer, making it possible (because of low drawer sides) to access items easily from within the bed. Additional options are offered, such as a convenient pull-out tray, a door instead of a big drawer and a bedpan holder.

The P 930 (3014 R) healthcare bedside cabinet comes in round profile design, while the P 935 (3015 R) is equipped with square corner profiles and the P 920 (3017 R) is delivered in paneled design.



*P 941 (2084) healthcare bedside cabinet  
in stained beech*



*P 930 (3014 RA) healthcare bedside cabinet  
in stained beech*



*P 920 (3017 RA) healthcare bedside cabinet  
in stained beech*

**Völker P 910 (3012 MP) healthcare bedside cabinets.**

Truly the right bedside cabinets.

These bedside cabinets came from day to day experience and a need for high quality bedside cabinets that would be appropriate for lower beds. Designed for a clean appearance and to save space, these bedside cabinets are perfect for use by those with a disability or in healthcare settings.

These designs are available as P 910 (3012 MP) healthcare bedside cabinet in round profile design.

**Völker P 920 (3014 M) healthcare bedside cabinets.**

Nice and solid.

The P 920 (3014 M) healthcare bedside cabinet is designed to be lower in height and is made of solid wood. With a top height of 23.8 in. (60,5 cm) this cabinet works well with the lower height beds that have solid wood designs such as MA and MB.

Incidentally, options are available: an additional and convenient pull-out tray or a door instead of the big drawer.

*You will find a selection guide on all healthcare bedside cabinets on page 60.*

**Völker RT-985 Servers.**

It's a pleasure to serve you.

A server (over bed table) is the right furniture choice for meeting the personal needs of residents and those with a disability. Highly styled, easy to move and very durable, Völker's server is the right choice for demanding environments that also must look nice.

The RT-985 server has a height adjustable table top with one section that swivels and one section that is fixed with retainers. A large diameter U-shaped base fits easily around chairs, provides high stability and is easy on the feet.



*P 935 (3015 RAF) healthcare bedside cabinet  
in royal maple*



*P 910 (3012 MP) healthcare bedside cabinet  
in golden alder*



*P 920 (3014 M) healthcare bedside cabinet  
in royal maple*



*RT-985 server in stained beech*





**Völker amadea® wall light.**

Room lighting/communication system.

The danger of falls is already present in healthcare rooms. With this in mind, the combination of indirect and direct lighting provided by the amadea® wall light is ideal. Its light is directed toward the ceiling, and then reflected naturally, uniformly and completely throughout the room. Low-gloss plexiglass screen prevents direct view into light and related glare.

Healthcare light for wall mounting.

*Figure on page 48: The amadea® wall light above the Völker 3080 MA healthcare bed, additionally the KM 78SM chest of drawer and 3012 MP (P 910) healthcare bedside cabinet in Golden Alder.*

**Völker halux® Cosy bed lamp.**

Aesthetic lighting.

Using a flexible arm and enclosed cable routing, the halux® Cosy reading lamp can be attached directly to the bed. The halogen cool light reflector lamp offers excellent reading light, while producing much less heat than conventional reflector lamps.

Healthcare lamp that can be attached directly to the bed.

**Völker medicool® bed lamp.**

Völker medicool® bed/examination lamp.

The Völker medicool® lamp offers ideal flexibility and the easy movement necessary for the resident and for any required nursing procedures. The medicool® light remains cool to the touch, eliminating the risk of burns or fire. A small nightlight illuminates the on/off switch.

Healthcare lamp that can be attached directly to the bed.

**Völker culta bed lamp.**

Swivel arm lamp.

This lamp head can be freely adjusted and positioned via a swivel arm. Simply moving the lamp switches it on and off. An LED enables easy orientation, even in the dark. The lamp is equipped with a cold light halogen bulb featuring very good heat dissipation.

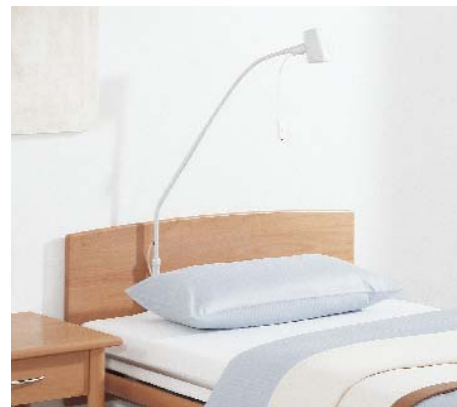
Healthcare lamp that can be attached directly to the bed.

*All technical information as well as a selection guide on the lamps illustrated here can be found from page 64.*

*Extremely graceful with the bed: halux® Cosy bed lamp (left figure).*

*Convenient: The Völker medicool® bed lamp can also be used for nursing procedures and examinations (middle figure).*

*A sign of the times: the culta bed lamp (right figure).*



### 3080/2080 healthcare beds:

Technical description.

Völker beds are tested according to UL standards, designating compliance with applicable United States and Canadian safety standards. All Völker healthcare beds are classified according to Guidelines 93/42/EEC for tested medical products with a CE Seal of Conformity, including general requirements and risk analysis. They comply with the national and international standards: DIN EN 60601-1, DIN EN 60601-1-2, DIN EN 60601-2-38, EN 1970 (as applicable). The entire bed is protected according to IPX 4 (DIN ISO 60529: protection against water splashing from all sides).



### Undercarriage:

Stable, easy-to-clean, corrosion-free aluminum profile construction with foil-coated or anodized surfaces. Chemical resistant and impact resistant. Floor clearance over entire width and length, standard 6.9 in. (17.5 cm). Easily accepts most commercially available resident/patient lifts.

Legs inset to prevent heel injury and for proper ergonomics when moving around bed. Triple telescopic height adjustment unit, encased maintenance-free into four legs. Two synchronized motors (24 V low voltage) for parallel height adjustment with electric monitoring (synchronization control). Adjustment range 15.7–31.5 in. (40–80 cm) or optional 13.8–27.5 in. (35–70 cm) in 26 seconds. Trendelenburg/reverse-Trendelenburg operated via caregiver control console (optional). Safe maximum working load 462 lbs (210 kg).

### Ready-to-go mobility:

Heavy-duty casters with Vulcolan tires (non-marking) and double encased ball bearings for easy maneuverability. Load-bearing capacity 331 lbs. (150 kg)/caster. All casters activated from one point located on the hand control unit and activated only when the bed is in the low position. Casters fully retract in brake mode for greatest possible stability and to



*Top left figure:*

*3080 healthcare beds with telescoping head and foot section assist rails.*

*Bottom left figure:*

*2080 healthcare beds with full-length side rails.*

avoid damage to flooring. Plastic ring and bell-shaped cover protect against static electricity, dirt and water.

### Lying surface:

Electrically adjustable four-section lying surface with aluminum profile frame around the perimeter. Lying surface with completely removable 4 section pressure reduction lying surface. Integrated mattress retainers on each side (Völker 3080). Ergonomic configuration of back, seat, upper/lower leg sections according to German Nursing Association (DBfK) with 35.4 in. (90 cm) back section. Integrated mattress compensation (4.6 in./12 cm) and back section ramp (5°) for physically correct adjustment of back section (kinesthetic space). As sliding down bed is prevented, pressure on stomach is avoided and breathing improved. Back (0–70°) and upper-leg sections (0–45°) individually adjustable with safety override device. Infinite upper leg section adjustment (bent knee or staged bed). Extra manual adjustment of lower-leg section to stretched raised leg position (0–16°) by fine-toothed ratchet. Optional fast lowering of back section for CPR procedure. Angle limitation between back and leg sections below 90° (anti-compression). Integrated mounting locations for trapeze bar on both sides of head end, additional mounting locations for IV stands, lamps or other accessories. Integrated slide bars the entire length of both sides of bed for mounting of accessories. Model 3080 K with quick removal of headboards and footboards with aluminum handrails and horizontal side-mounted wall-protection wheels.

### Pressure reduction:

**A.** Völker MiS® Micro-stimulation System is an anti-pressure sore, torsion-sprung support consisting of flexibly reactive butterfly springs made from recyclable polyoximethylene, located on flexible support profiles made from

fiberglass-reinforced plastic (GFK) with high stability and bending strength. The support profiles are connected to the surface by flexible spring elements. TPE modules (thermo-plastic elastomer) muffle spring compression of support profiles under heavy loads and attach the spring elements to the aluminum profiles of the frame. Butterfly springs and support profiles are easily removable for cleaning.

**B.** HPL (High Pressure Laminate, solid-core board) in-laid sections (anti-static, chemical, UV-resistant). These are removable from the aluminum lying surface frame for easy cleaning.

### Operation:

Lying surface, height and comfortable sitting position (optional) adjustment via ergonomic, easy-to-read hand control unit (attaches to either side) according to IPX 6. For Völker series 3080 healthcare beds: hand control unit in horizontal version, to be clipped on the assist rail tops, or hand control unit in vertical version, attaches to bedside or flexible holder (optional). In addition Trendelenburg/reverse-Trendelenburg, height, lying surface adjustment and operation lockout mode by means of separate caregiver control console (optional). Surfaces easy to clean/disinfect.

### Assist rails, 3080 healthcare bed:

Two-part split aluminum assist rails with rounded corners and edges, integrated in lying surface when not in use. Unobstructed access to patient/resident or for attaching accessories at any position. When fully raised, no change in outer dimensions of bed. Automatic repositioning of raised rails during lying surface adjustment increases safety. Suitable for therapeutic and storage purposes. Height adjustable in two positions. First position marks outer limits of bed and acts as aid to mobility; fully raised provides

additional protection against accidental falls. Secure handgrip between two-part rails when getting into/out of bed; in combination with height adjustment, excellent aid to mobility. Protection, height and opening dimensions according to appropriate national and international norms. Height 13.4 in. (34 cm) above lying surface, 8.7 in. (22 cm) above standard mattress. Simple operation and locking. For safety reasons, lock cannot be released under load. Lateral solid wood impact protection (Model 3080 K special synthetic material). Guides/glides permanently lubricated for smooth operation without lubrication.

#### **Assist rails, 2080 healthcare bed:**

Full-length assist rails with special glides located in aluminum guides on both ends. Rails made of rounded glued solid wood in laminate finish or veneer. Protection, height and opening dimensions according to appropriate national and international norms. Height 13.4 in. (34 cm) above lying surface, 8.7 in. (22 cm) above standard mattress. Two-hand release, with safety lock. For safety reasons, lock cannot be released under load. No sudden fracturing of guides/side rails. Guides/glides permanently lubricated for smooth operation without lubrication.

#### **Electrics/control:**

Four motors, safety class II (double protective insulation), main power 110–120 V (230–240 V), bed operating voltage 24 V low voltage. IPX 4 protection against splashing water. 100 per cent isolation from main power when not in operation. Primary fuse (2 A) in main power plug. Extra-sturdy spiral power cord according to national and international norms. Difficult to run over with casters. Two-fold cord strain relief plus intermediate connector for easy maintenance. Thermal fuse and switch against overheating. Secondary fuse in low-voltage circuit. Polyswitch against

overloading. Optional 1.2 Ah battery pack for independent power operation, enough for three adjustment cycles under maximum permitted load.

#### **Design and materials:**

Design of headboards/footboards, and colors from standard model options and Völker color card or – in appropriate order volumes – according to customer's requirements. All wooden parts with three-fold DD-painted finish. Rounded corners and edges. Multi-chipboards in E1 quality. Aluminum or metal surfaces durably foil coated, anodized or powder coated.

#### **Care and maintenance:**

Völker healthcare beds need little maintenance, since only maintenance-free motors and sealed electric or electronic components are used. All moving parts of the height adjustment unit, compact drive and assist/assist rails are permanently lubricated; in normal use and cleaning, they require no lubrication. Because of the technology used, technical safety tests are necessary only every 12 months or according to checklist. Völker healthcare beds may not be cleaned in automatic wash plants or with high-pressure cleaning hoses. Encased subassemblies, smooth surfaces and encased motors make Völker beds exceptionally easy to clean. They can be cleaned and disinfected with commercially available cleaning agents and/or disinfectants using spray-and-wipe methods.

#### **Guarantee:**

There is a 24-month guarantee (warranty) on all Völker healthcare beds.



**Völker color selection:**

Wood and deco-Fantasia laminates.

The wood and deco-Fantasia laminates for all Völker furniture are scratch, impact and friction resistant, as well as impervious to common chemicals.

All laminates are manufactured in accordance with DIN 68765 (equivalent to Emission Class E1) or DIN EN 438.

If required, all surfaces are available in veneer and solid wood as an option

In addition to laminated wood finishes, the Völker 3080 K healthcare bed is also available in Deco-Fantasia laminate finishes.



**Natural beech \***



**Stained beech \***



**Golden Alder \***



**Mahogany \***



**Natural Oak \***



**Rustic Oak \***



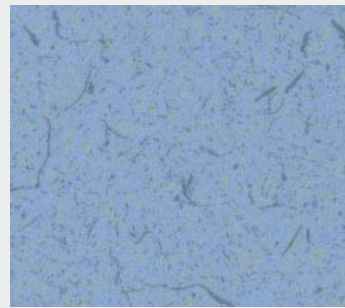
**Fine Cherrywood \***



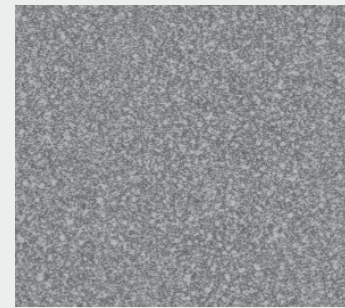
**Royal Maple \*\***



**Pagami Blue \*\***



**Light Blue \*\***



**Fine Light Anthracite \*\***



**Wendy Creme \*\***

*\*) Also available with undercarriage in matching foil or, if desired, anodized in Eloxal E6 EV1*

*\*\*\*) Only available with undercarriage in anodized Eloxal E6 EV1*



Model	2080 S	2080 C	2080 FS
<b>Version headboards/footboards</b>	Rounded corner	Rounded corner with knob	Curved top
Solid beech, stained or natural	–	–	–
Beech laminate, stained or natural	●	●	●
Veneer to Völker color card	○	○	○
Völker color card	○	○	○
Color according to customer request	○	○	○
<b>Weight*</b>	212 lbs./96 kg	212 lbs./96 kg	214 lbs./97 kg
<b>Overall size – inch/cm (width x length)</b>			
lying surface 35.4 x 78.7 in. (90 x 200 cm)	39.8 x 82.3 in. (101 x 209 cm)	39.8 x 82.3 in. (101 x 209 cm)	39.8 x 82.7 in. (101 x 210 cm)
lying surface 35.4 x 82.7 in. (90 x 210 cm)	39.8 x 86.2 in. (101 x 219 cm)	39.8 x 86.2 in. (101 x 219 cm)	39.8 x 86.6 in. (101 x 220 cm)
lying surface 35.4 x 86.6 in. (90 x 220 cm)	39.8 x 90.1 in. (101 x 229 cm)	39.8 x 90.1 in. (101 x 229 cm)	39.8 x 90.9 in. (101 x 230 cm)
lying surface 39.4 x 78.7 in. (100 x 200 cm)	–	–	–
lying surface 39.4 x 82.7 in. (100 x 210 cm)	–	–	–
lying surface 39.4 x 86.6 in. (100 x 220 cm)	–	–	–
<b>Lower edge height (min./max.)</b>	ca. 9.8/25.6 in. (25/65 cm)	ca. 9.8/25.6 in. (25/65 cm)	ca. 9.8/25.6 in. (25/65 cm)
<b>Upper edge height (min./max.)</b>	ca. 30.0/45.6 in. (76/116 cm)	ca. 32.3/48 in. (82/122 cm)	ca. 31.5/47.2 in. (80/120 cm)
<b>Height adjustment 15.7–31.5 in. (40–80 cm)</b>	●	●	●
<b>Height adjustment 13.8–27.5 in. (35–70 cm)</b>	Option at no extra cost	Option at no extra cost	Option at no extra cost
<b>Color of undercarriage</b>			
Stained/Natural beech	●	●	●
Eloxal E6 EV1	Option at no extra cost	Option at no extra cost	Option at no extra cost
Color according to Völker color card	○	○	○
<b>Lying surface</b>			
MiS® Micro-stimulation System	●	●	●
HPL	–	–	–
<b>Water resistance IPX 4</b>	●	●	●
<b>Optional equipment</b>			
Rechargeable battery pack	○	○	○
CPR quick release	○	○	○
Deluxe hand control unit	○	○	○
Bedding shelf	○	○	○
Caregiver control console	○	○	○
Wall-protection wheels vertical	○	○	○
<b>Accessories</b>	Acc. to accessory brochure	Acc. to accessory brochure	Acc. to accessory brochure

To enable you to compare the various models and versions of Völker healthcare beds at a glance, we have included in addition to the technical data this convenient chart.

Due to the side rail design, the Völker 2080 healthcare bed must include a full headboard and footboard.

*Symbols:*

- Not available
- Optional version/equipment
- Standard
- \* Weight of standard version

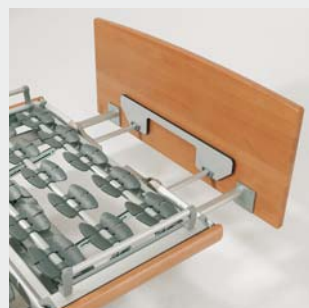
Many Völker healthcare beds are available with lower footboard (H).

Symbols:





- Not available
- Optional version/equipment
- Standard
- \* Weight of standard version



Model	3080 S	3080 C	3080 FS	3080 ST
<b>Version headboards/footboards</b>	Rounded corner	Rounded corner with knob	Curved top	Rounded top
Solid beech, stained or natural	-	-	-	-
Beech laminate, stained or natural	●	●	●	●
Veneer to Völker color card	○	○	○	○
Wood laminate to Völker color card	○	○	○	○
Color according to customer request	○	○	○	○
<b>Weight*</b>	212 lbs./96 kg	212 lbs./96 kg	214 lbs./97 kg	212 lbs./96 kg
<b>Overall size (width x length)</b>				
lying surface 35.4 x 78.7 in. (90 x 200 cm)	38.6 x 82.7 in. (98 x 210 cm)	38.6 x 82.7 in. (98 x 210 cm)	38.6 x 83.5 in. (98 x 212 cm)	38.6 x 82.3 in. (98 x 209 cm)
lying surface 35.4 x 82.6 in. (90 x 210 cm)	38.6 x 86.6 in. (98 x 220 cm)	38.6 x 86.6 in. (98 x 220 cm)	38.6 x 87.4 in. (98 x 222 cm)	38.6 x 86.2 in. (98 x 219 cm)
lying surface 35.4 x 86.6 in. (90 x 220 cm)	38.6 x 90.5 in. (98 x 230cm)	38.6 x 90.5 in. (98 x 230 cm)	38.2 x 91.3 in. (97 x 232 cm)	38.6 x 90.2 in. (98 x 229 cm)
lying surface 39.4 x 78.7 in. (100 x 200 cm)	42.9 x 82.7 in. (109 x 210 cm)	42.9 x 82.7 in. (109 x 210 cm)	42.5 x 83.5 in. (108 x 212 cm)	42.5 x 83.3 in. (108 x 209 cm)
lying surface 39.4 x 82.6 in. (100 x 210 cm)	42.9 x 86.6 in. (109 x 220 cm)	42.9 x 86.6 in. (109 x 220 cm)	42.5 x 87.4 in. (108 x 222 cm)	42.5 x 86.2 in. (108 x 219 cm)
lying surface 39.4 x 86.6 in. (100 x 220 cm)	42.9x 90.5 in. (109 x 230cm)	42.9x 90.5 in. (109 x 230 cm)	42.5 x 91.3 in. (108 x 232 cm)	42.5 x 90.2 in. (108 x 229 cm)
<b>Lower edge height (min./max.)</b>	ca. 9.8/25.6 in. (25/65 cm)	ca. 9.8/25.6 in. (25/65 cm)	ca. 9.8/25.6 in. (25/65 cm)	ca. 9.8/25.6 in. (25/65 cm)
<b>Upper edge height (min./max.)</b>	ca. 30.0/45.6 in. (76/116 cm)	ca. 32.3/48 in. (82/122 cm)	ca. 29.5/45.3 in. (75/115 cm)	ca. 28.7/44.5 in. (73/113 cm)
<b>Height adjustment 15.7–31.5 in. (40–80 cm)</b>	●	●	●	●
<b>Height adjustment 13.8–27.5 in. (35–70 cm)</b>	Option at no extra cost	Option at no extra cost	Option at no extra cost	Option at no extra cost
<b>Color of undercarriage</b>				
Stained/Natural beech	●	●	●	●
Eloxal E6 EV1	Option at no extra cost	Option at no extra cost	Option at no extra cost	Option at no extra cost
Color according to Völker color card	○	○	○	○
<b>Lying surface</b>				
MiS® Micro-stimulation System	●	●	●	●
HPL	○	○	○	○
<b>Water resistance IPX 4</b>	●	●	●	●
<b>Optional equipment</b>				
Rechargeable battery pack	○	○	○	○
CPR quick release	○	○	○	○
Deluxe hand control unit	○	○	○	○
Adjustable bed extension	○	○	○	○
Bedding shelf	○	○	○	○
Caregiver control console	○	○	○	○
Quick-release headboard/footboard	-	-	-	-
Wall-protection wheels vertical	○	○	○	○
Aluminum handrail	-	-	-	-
Lying surface grounding	-	-	-	-
<b>Accessories</b>	Acc. to accessory brochure	Acc. to accessory brochure	Acc. to accessory brochure	Acc. to accessory brochure



Top figure: Adjustable bed extension (only with Series 3080 and S 380 beds)

				
<b>Model</b>	<b>3080 MA</b>	<b>3080 MB</b>	<b>3080 K</b>	<b>3080 LP</b>
<b>Version headboards/footboards</b>	Solid wood	Solid wood	Aluminium RAL 9006	Sleigh
Solid beech, stained or natural	●	●	–	–
Beech laminate, stained or natural	–	–	●	●
Veneer to Völker color card	–	–	–	○
Völker color card	–	–	●	○
Color according to customer request	○	○	○	○
<b>Weight*</b>	212 lbs./96 kg	212 lbs./96 kg	243 lbs./110 kg	216 lbs./98 kg
<b>Overall size (width x length)</b>				
lying surface 35.4 x 78.7 in. (90 x 200 cm)	38.6 x 81.1 in. (98 x 206 cm)	38.6 x 81.1 in. (98 x 206 cm)	39.0 x 83.5 in. (99 x 212 cm)	39.0 x 85.4 in. (99 x 217 cm)
lying surface 35.4 x 82.6 in. (90 x 210 cm)	38.6 x 85.0 in. (98 x 216 cm)	38.6 x 85.0 in. (98 x 216 cm)	39.0 x 87.4 in. (99 x 222 cm)	39.0 x 89.4 in. (99 x 227 cm)
lying surface 35.4 x 86.6 in. (90 x 220 cm)	38.6 x 88.6 in. (98 x 226 cm)	38.6 x 89.0 in. (98 x 226 cm)	39.0 x 90.9 in. (99 x 232 cm)	39.0 x 93.3 in. (99 x 237 cm)
lying surface 39.4 x 78.7 in. (100 x 200 cm)	42.9 x 81.1 in. (109 x 206 cm)	42.9 x 81.1 in. (109 x 206 cm)	42.9 x 83.5 in. (109 x 212 cm)	43.3 x 85.4 in. (110 x 217 cm)
lying surface 39.4 x 82.6 in. (100 x 210 cm)	42.9 x 85.0 in. (109 x 216 cm)	42.9 x 85.0 in. (109 x 216 cm)	42.9 x 87.4 in. (109 x 222 cm)	42.5 x 89.4 in. (108 x 227 cm)
lying surface 39.4 x 86.6 in. (100 x 220 cm)	42.9 x 88.6 in. (109 x 225 cm)	42.9 x 89.0 in. (109 x 226 cm)	42.9 x 90.9 in. (109 x 232 cm)	43.3 x 93.3 in. (110 x 237 cm)
<b>Lower edge height (min./max.)</b>	ca. 9.8/25.6 in. (25/65 cm)	ca. 9.8/25.6 in. (25/65 cm)	ca. 9.8/25.6 in. (25/65 cm)	ca. 9.8/25.6 in. (25/65 cm)
<b>Upper edge height (min./max.)</b>	ca. 30.7/46.4 in. (78/118 cm)	ca. 30.7/46.4 in. (78/118 cm)	ca. 32.7/48.4 in. (83/123 cm)	ca. 33.5/49.2 in. (85/125 cm)
<b>Height adjustment 15.7–31.5 in. (40–80 cm)</b>	●	●	●	●
<b>Height adjustment 13.8–27.5 in. (35–70 cm)</b>	Option at no extra cost	Option at no extra cost	Option at no extra cost	Option at no extra cost
<b>Color of undercarriage</b>				
Stained/Natural beech	●	●	–	●
Eloxal E6 EV1	Option at no extra cost	Option at no extra cost	●	Option at no extra cost
Color according to customer request	○	○	○	○
<b>Lying surface</b>				
MiS® Micro-stimulation System	●	●	●	●
HPL	○	○	○	○
<b>Water resistance IPX 4</b>	●	●	●	●
<b>Optional equipment</b>				
Rechargeable battery pack	○	○	○	○
CPR quick release	○	○	○	○
Deluxe hand control unit	○	○	○	○
Adjustable bed extension	○	○	○	○
Bedding shelf	○	○	○	○
Caregiver control console	○	○	○	○
Quick-release headboard/footboard	–	–	●	–
Wall-protection wheels vertical	○	○	● horizontal	○
Aluminum handrail	–	–	●	–
Lying surface grounding	–	–	○	–
<b>Accessories</b>	Acc. to accessory brochure	Acc. to accessory brochure	Acc. to accessory brochure	Acc. to accessory brochure

**Series S 380 and S 280 healthcare beds :**  
Technical description.

Völker beds are tested according to UL standards, designating compliance with applicable United States and Canadian safety standards. All Völker healthcare beds are classified according to Guideline 93/42/EEC for tested medical products with a CE Seal of Conformity, including general requirements and risk analysis. They comply with the national and international norms and standards: DIN EN 60601-1, DIN EN 60601-1-2, DIN EN 60601-2-38, EN 1970 (as applicable). The entire bed is protected according to IPX 4 (DIN ISO 60529: Protected against water splashing from all sides).



**Undercarriage/Ready-to-go mobility:**

Enclosed, easy-to-clean, corrosion resistant design. Chemical resistant surfaces; powder-coated or anodized.

Floor clearance over entire width and length minimum 7.3 in. (18.5) cm. Easily accepts most commercially available resident lifts. Floor clearance beneath column jacks minimum 1.6 in. (40 mm).

Maintenance-free, encased triple telescoping jack. Two synchronized motors (24 V low voltage) for parallel height adjustment with electric monitoring (synchronization control). Adjustment range 15.7–31.5 in. (40–80 cm) in 26 seconds. Trendelenburg/reverse-Trendelenburg operated via caregiver control console (optional).

5.9 in. (150 mm) casters, wear resistant, electrically conductive (non-marking) and enclosed precision ball bearings for easy maneuverability. Load-bearing capacity 220 lbs. (100 kg)/caster. Four-caster central braking via brake pedal at foot of bed. Safe maximum working load 462 lbs. (210 kg).

**Lying surface:**

Electrically adjustable four-section lying surface with aluminum profile frame around the perimeter. Lying surface with pressure reduction system in 4 parts can be completely re-

*Top left figure:*

*S 380 healthcare beds with telescoping head and foot section assist rails.*

*Bottom left figure:*

*S 280 healthcare beds with full-length assist rails.*

moved. Integrated mattress retainers on each side (Völker 3080). Ergonomic configuration of back, seat, upper/lower leg sections according to German Nursing Association (DBfK) with 90 cm back section. Integrated mattress compensation (12 cm) and back section ramp (5°) for physically correct adjustment of back section (kinesthetic space). As sliding down bed is prevented, pressure on stomach is avoided and breathing improved. Back (0–70°) and upper-leg sections (0–45°) individually adjustable with safety override device. Infinite upper leg section adjustment (bent knee or staged bed). Extra manual adjustment of lower-leg section to stretched raised leg position (0–16°) by fine-toothed ratchet. Optional fast lowering of back section for CPR procedure. Angle limitation between back and leg sections below 90° (anti-compression). Integrated mounting locations for trapeze bar on both sides of head end, additional mounting locations for IV stands, lamps or other accessories. Integrated slide bars the entire length of both sides of bed for mounting of accessories.

**Pressure reduction:**

**A.** Völker MiS® Micro-stimulation System is an anti-pressure sore, torsion-sprung support consisting of flexibly reactive butterfly springs made from recyclable polyoximethylene, located on flexible support profiles made from fiberglass-reinforced plastic (GFK) with high stability and bending strength. The support profiles are connected to the surface by flexible spring elements. TPE modules (thermoplastic elastomer) muffle spring compression of support profiles under heavy loads and attach the spring elements to the aluminum profiles of the frame. Butterfly springs and support profiles are easily removable for cleaning.

**B.** HPL (High Pressure Laminate, solid-core board) in-laid sections (anti-static, chemical, UV-resistant). These are removable from the aluminum lying surface frame for easy cleaning.

**Operation:**

Lying surface, height and comfortable sitting position (optional) adjustment via ergonomic, easy-to-read hand control unit (attaches to either side) according to IPX 6. For Völker series S 380 healthcare beds: hand control unit in horizontal version, to be clipped on the assist rail tops, or hand control unit in vertical version, attaches to the bedside or flexible holder (optional). In addition Trendelenburg/reverse-Trendelenburg, height, lying surface adjustment and operation lockout mode by means of separate caregiver control console (optional). Surfaces easy to clean/disinfect.

**Assist rails, S 380 healthcare bed:**

**As assist rails, 3080 healthcare bed (see Page 50).**

**Side rails, S 280 healthcare bed:**

**As side rails, 2080 healthcare bed (see Page 51).**

**Electrics/control:**

Four motors, safety class II (double protective insulation), main power 110–120 V (230–240 V), bed operating voltage 24 V low voltage. IPX 4 protection against splashing water. 100 per cent isolation from main power when not in operation. Primary fuse (2 A) in main power plug. Extra-sturdy spiral power cord according to national and international norms. Two-fold cord strain relief plus intermediate connector for easy maintenance. Thermal fuse and switch against overheating. Secondary fuse in low-voltage circuit. Polyswitch against overloading. Optional 1.2 Ah battery pack for independent power operation, enough for three adjustment cycles under maximum permitted load.

**Design and materials:**

Design of headboards and footboards, and colors from standard model options and Völker color card or – in appropriate order vol-



umes – according to customer’s requirements.

All wooden parts with three-fold DD-painted finish. Rounded corners and edges. Multi-chipboards in E1 quality. Aluminum or metal surfaces durably foil coated, anodized or powder coated.

#### Care and maintenance:

Völker healthcare beds need little maintenance, since only maintenance-free motors and sealed electric or electronic components are used.

All moving parts of the height adjustment unit, compact drive and assist rails are permanently lubricated; in normal use and cleaning, they require no lubrication.

Because of the technology used, technical safety tests are necessary only every 12 months or according to checklist.

Völker healthcare beds may not be cleaned in automatic wash plants or with high-pressure cleaning hoses. Encased subassemblies, smooth surfaces and encased motors make Völker beds exceptionally easy to clean. They can be cleaned and disinfected with commercially available cleaning agents and/or disinfectants using spray-and-wipe methods.

#### Guarantee:

There is a 24-month guarantee (warranty) on all Völker healthcare beds.

#### Wood and deco-Fantasia laminates:

As indicated on Page 52.



Model	S 380 S	S 280 S (see fig.)	S 380 FS (see fig.)	S 280 FS
<b>Version headboards/footboards</b>	Rounded corner		Curved top	
Solid beech, stained or natural	–	–	–	–
Beech laminate, stained or natural	●	●	●	●
Veneer to Völker color card	○	○	○	○
Wood laminate to Völker color card	○	○	○	○
Color according to customer request	○	○	○	○
<b>Weight*</b>	298 lbs./135 kg		298 lbs./135 kg	
<b>Overall size (width x length)</b>				
lying surface 35.4 x 78.7 in. (90 x 200 cm)	38.6 x 82.7 in. (98 x 210 cm)	39.8 x 82.3 in. (101 x 209 cm)	38.2 x 83.5 in. (97 x 212 cm)	39.8 x 82.7 in. (101 x 210 cm)
lying surface 35.4 x 82.7 in. (90 x 210 cm)	38.6 x 86.6 in. (98 x 220 cm)	39.8 x 86.2 in. (101 x 219 cm)	38.2 x 87.4 in. (97 x 222 cm)	39.8 x 86.6 in. (101 x 220 cm)
lying surface 35.4 x 86.6 in. (90 x 220 cm)	38.6 x 90.6 in. (98 x 230 cm)	39.8 x 90.1 in. (101 x 229 cm)	38.2 x 91.3 in. (87 x 232 cm)	39.8 x 90.9 in. (101 x 230 cm)
lying surface 39.4 x 78.7 in. (100 x 200 cm)	42.9 x 82.7 in. (109 x 210 cm)	–	42.5 x 83.5 in. (108 x 212 cm)	–
lying surface 39.4 x 82.7 in. (100 x 210 cm)	42.9 x 86.6 in. (109 x 220 cm)	–	42.5 x 87.4 in. (108 x 222 cm)	–
lying surface 39.4 x 86.6 in. (100 x 220 cm)	42.9 x 90.6 in. (109 x 230 cm)	–	42.5 x 91.3 in. (108 x 232 cm)	–
<b>Lower edge height (min./max.)</b>	ca. 9.8/25.6 in. (25/65 cm)		ca. 9.8/25.6 in. (25/65 cm)	
<b>Upper edge height (min./max.)</b>	ca. 30/45.6 in. (76/116 cm)		ca. 29.5/45.3 in. (75/115 cm) ca. 31.5/47.2 in. (80/120 cm)	
<b>Height adjustment 15.7–31.5 in. (40–80 cm)</b>	●	●	●	●
<b>Lying surface</b>				
MiS® Micro-stimulation System	●	●	●	●
HPL	○	–	○	–
<b>Water resistance IPX 4</b>	●	●	●	●
<b>Optional equipment</b>				
Rechargeable battery pack	○	○	○	○
CPR quick release	○	○	○	○
Deluxe hand control unit	●	●	●	●
Adjustable bed extension	○	–	○	–
Bedding shelf	○	○	○	○
Caregiver control console	○	○	○	○
Wall-protection wheels vertical	○	○	○	○
Lying surface grounding	○	○	○	○
<b>Accessories</b>	Acc. to accessory brochure		Acc. to accessory brochure	



### Series 5380 healthcare beds:

Technical description.

Völker beds are tested according to UL standards, designating compliance with applicable United States and Canadian safety standards. All Völker healthcare beds are classified according to Guideline 93/42/EEC for tested medical products with a CE Seal of Conformity, including general requirements and risk analysis. They comply with the national and international norms and standards: DIN EN 60601-1, DIN EN 60601-1-2, DIN EN 60601-2-38, EN 1970 (as applicable). The entire bed is protected according to IPX 4 (DIN ISO 60529: Protected against water splashing from all sides).



### Undercarriage:

Stable, easy-to-clean, corrosion-protected steel construction with powder-coated surfaces. Chemical resistant and impact resistant.

Two synchronized linear drive motors (24 V low voltage) for parallel height adjustment with electric monitoring (synchronized control). Adjustment range 9–29 in. (23–74 cm).

Trendelenburg/reverse-Trendelenburg operated via caregiver control console (optional). Safe maximum working load 374 lbs (170 kg).

### Ready-to-go mobility:

The bed can be moved in all positions from a height of 13.8 in. (35 cm). The brake can be released and locked by means of a full-length brake bow. Automatic locking in lowest position.

Casters at head section in 3 in. (80 mm) diameter, in 1.4 in. (35 mm) at foot section, with rubber tires (non-marking) and double enclosed ball bearings for easy maneuverability. Load capacity 220 lbs (100 kg)/caster.

### Lying surface:

Electrically adjustable four-section lying surface with aluminum profile frame around the perimeter. Lying surface with pressure reduction system in 4 parts can be completely removed. Integrated mattress retainers on

each side. Ergonomic configuration of back, seat, upper/lower leg sections according to German Nursing Association (DBfK) with 90 cm back section. Integrated mattress compensation (12 cm) and back section ramp (5°) for physically correct adjustment of back section (kinesthetic space). As sliding down bed is prevented, pressure on stomach is avoided and breathing improved. Back (0–70°) and upper-leg sections (0–45°) individually adjustable with safety override device. Infinite upper leg section adjustment (bent knee or staged bed). Extra manual adjustment of lower-leg section to stretched raised leg position (0–16°) by fine-toothed ratchet. Optional fast lowering of back section for CPR procedure. Angle limitation between back and leg sections below 90° (anti-compression). Integrated mounting locations for trapeze bar on both sides of head end, additional mounting locations for IV stands, lamps or other accessories. Integrated slide bars (optional) the entire length of both sides of bed for mounting of accessories.

### Pressure reduction:

Völker MiS® Micro-stimulation System is an anti-pressure sore, torsion-sprung support consisting of flexibly reactive butterfly springs made from recyclable polyoximethylene, lo-

cated on flexible support profiles made from fiberglass-reinforced plastic (GFK) with high stability and bending strength. The support profiles are connected to the surface by flexible spring elements. TPE modules (thermoplastic elastomer) muffle spring compression of support profiles under heavy loads and attach the spring elements to the aluminum profiles of the frame. Butterfly springs and support profiles are easily removable for cleaning.

### Operation:

Lying surface, height and comfortable sitting position (optional) adjustment via ergonomic, easy-to-read hand control unit (attaches to either side) according to IPX 6. For Völker series 3080 healthcare beds: hand control unit in horizontal version, to be clipped on the side rail tops, or hand control unit in vertical version, attaches to the bedside or flexible holder (optional). In addition Trendelenburg/reverse-Trendelenburg, height, lying surface adjustment and operation lockout mode by means of separate caregiver control console (optional). Surfaces easy to clean/disinfect.

**Assist rails, Series 5380 healthcare beds:**  
Same as 3080 assist rails (see Page 50).



*Left figure: 5380 healthcare bed with telescoping head and foot section assist rails.*

*Right figure: 5380 healthcare bed in maximum working height.*

### Electrics/control:

Four motors, safety class II (double protective insulation), main power 110–120 V (230–240 V), bed operating voltage 24 V low voltage. IPX 4 protection against splashing water.

100 per cent isolation from main power when not in operation. Primary fuse (2 A) in main power plug. Extra-sturdy spiral power cord according to national and international norms. Difficult to run over with casters. Two-fold cord strain relief plus intermediate connector for easy maintenance. Thermal fuse and switch against overheating. Secondary fuse in low-voltage circuit. Polyswitch against overloading. Optional 1.2 Ah battery pack for independent power operation, enough for three adjustment cycles under maximum permitted load.

### Design and materials:

Design of headboards and footboards, and colors from standard model options and Völker color card or – in appropriate order volumes – according to customer's requirements.

All wooden parts with three-fold DD-painted finish. Rounded corners and edges. Multi-chipboards in E1 quality. Aluminum or metal surfaces durably foil coated, anodized or powder coated.

### Care and maintenance:

Völker healthcare beds need little maintenance, since only maintenance-free motors and sealed electric or electronic components are used.

All moving parts of the height adjustment unit, compact drive and assist/side rails are permanently lubricated; in normal use and cleaning, they require no lubrication.

Because of the technology used, technical safety tests are necessary only every 12 months or according to checklist. Völker healthcare beds may not be cleaned in automatic wash plants or with high-pressure cleaning hoses. Encased subassemblies, smooth surfaces and encased motors make Völker beds exceptionally easy to clean. They can be cleaned and disinfected with commercially available cleaning agents and/or disinfectants using spray-and-wipe methods.

### Guarantee:

There is a 24-month guarantee (warranty) on all Völker healthcare beds.

### Wood and deco-Fantasia laminates: As detailed on Page 52.



<b>Model</b>	<b>5380 (MA design)</b>
<b>Version headboards/footboards</b>	see Series 3080 selections
Solid beech, stained or natural	○
Beech laminate, stained or natural	●
Veneer to Völker color card	○
Wood laminate to Völker color card	○
Color according to customer request	○
<b>Weight*</b>	300 lbs./136 kg
<b>Overall size (width x length)</b>	
lying surface 35.4 x 78.7 in. (90 x 200 cm)	38.6 x 81.1 in. (98 x 206 cm)
lying surface 35.4 x 86.6 in. (90 x 220 cm)	38.6 x 90.0 in. (98 x 226 cm)
<b>Lower edge height (min./max.)</b>	2.7/22.8 in. (7/58 cm)
<b>Upper edge height (min./max.)</b>	22.8/42.9 in. (58/109 cm)
<b>Height adjustment</b>	
9–29 in. (23–74) cm	●
<b>Lying surface</b>	
MiS® Micro-stimulation System	●
<b>Water resistance IPX 4</b>	●
<b>Optional equipment</b>	
Battery pack	○
Deluxe hand control unit	●
Caregiver control console	○
Wall-protection wheels vertical	○
<b>Accessories</b>	According to accessory brochure

### Symbols:

- Not available
- Optional version/equipment
- Standard
- \* Weight of standard version

## Völker healthcare bedside cabinets :

Technical description.

### P 910 (3012 MP) bedside cabinet:

Rounded corner design with solid beech top; drawer mounted on all-metal guide rails with soft rollers; solid wood shelf; all-metal bow-type handles.

### P 920 (3014 M/3017 R) healthcare bedside cabinet:

Paneled design in easy-to-maintain, laminate wood finish (or optional veneer finish with solid wood top); entire construction 0.7 in. (19 mm) multilayer chipboard (E1 quality); all visible edges with 0.08 in. (2 mm) plastic strip, invisible edges melamine coated; upper drawer and large lower drawer mounted on all-metal guide rails with soft rollers; all-metal bow-type handles; 4 casters Ø 2.56 in. (65 mm), two of which are locking.

### P 930 (3014 R) healthcare bedside cabinet:

Rounded corner design with easy-to-maintain laminate wood finish; construction of 0.7 in. (19 mm) multilayer chipboard (E1 quality), all visible edges with 0.08 in. (2 mm) plastic strip, invisible edges melamine coated; upper drawer and large lower drawer mounted on all-metal guide rails with soft rollers; bottom made of easy-to-maintain 0.63 in. (16 mm) multilayer chipboard, laminated wood finish, bow-type handles, 4 casters Ø 2.56 in. (65 mm), two of which are locking.

### P 935 (3015 R) healthcare bedside cabinet:

Square corner design with easy-to-maintain laminate wood finish; construction of 0.7 in. (19 mm) multilayer chipboard (E1 quality), all visible edges with 0.08 in. (2 mm) plastic strip, invisible edges melamine coated; upper drawer and large lower drawer mounted on all-metal guide rails with soft rollers; bottom made of easy-to-maintain 0.63 in. (16 mm) multilayer chipboard, laminated wood finish, bow-type handles, 4 casters Ø 2.56 in. (65 mm), two of which are locking.

### P 941 (2084) healthcare bedside cabinet:

Rounded corner design with upper drawer and large lower door mounted to a grey polymer base; easy-to-maintain laminate wood finish; accessible from both sides; includes height adjustable, pivoting over bed tray mounted on one side; entire construction 0.7 in. (19 mm) multilayer chipboard (E1 quality), all visible edges with 0.08 in. (2 mm) plastic strip, invisible edges melamine coated; all-metal spring hinges, 100° angle of opening; bow-type handles; 5 casters Ø 2.56 in. (65 mm), two of which are locking.

### P 942 (2084 RW) healthcare bedside cabinet:

Rounded corner design with upper drawer and large lower door mounted to a grey polymer base; easy-to-maintain laminate wood finish; accessible from both sides; includes height adjustable, pivoting over bed tray mounted on one side; entire construction 0.7 in. (19 mm) multilayer chipboard (E1 quality), all visible edges with 0.08 in. (2 mm) plastic strip, invisible edges melamine coated; all-metal spring hinges, 100° angle of opening; bow-type handles; 5 casters Ø 2.56 in. (65 mm), two of which are locking. Same as P 941 above with different dimensions.

### Server RT-985:





U-shaped substructure in powder-coated steel tubing (RAL 9006), with four casters (Ø 6.5 cm), two of which are locking; aluminium column with infinite assisted height adjustment from 28,25 in. to 45,25 in. (72 to 115 cm) and dampened return; asymmetric split tabletop in easy-to-clean laminate (0.31 in./8 mm), durable with polished edges and rounded corners, with retaining stop on both edges; adjustable tilting angle, swivels in both directions; fixed tabletop with wrap-around aluminium railing, adjustable section with raised retaining stop on each side: all materials and construction features suitable for cleaning and disinfecting.



Model	P 910 (3012 MP)	P 920 (3014 M/3017 R)
<b>Version</b>	Rounded corner	Paneled design
Solid beech, stained or natural	○	○
Beech laminate, stained or natural	●	●
Veneer to Völker color card	○	○
Wood laminate to Völker color card	○	○
Color according to customer request	○	○
<b>Dimensions</b>		
Width	18.5 in. (47 cm)	16.3 in. (41,5 cm)
Depth	18.5 in. (47 cm)	16.7 in. (42,5 cm)
Height	18.9 in. (48 cm)	23.8 in. (60,5 cm)
Tabletop/slide-out (W x D)	–	–
Adjustment range, tabletop (H)	–	–
<b>Weight*</b>	30.9 lbs. (14 kg)	46.3 lbs. (21 kg)
<b>Equipment</b>		
Over bed table	–	–
Slide-out tray	–	○
Bottle holder	–	○
Casters(Ø 2.56 in./6,5 cm)	–	●
Door	–	○
Lower drawer	–	●
Open compartment	●	–
Drawer inset	○	○
Locking top drawer	○	○
Special equipment	○	○

Symbols:

- Not available
- Optional version/equipment
- Standard
- \* Weight of standard version

			<i>without illustration</i>	
<b>P 930 (3014 R)</b>	<b>P 935 (3015 R)</b>	<b>P 941 (2084)</b>	<b>P 942 (2084 RW)</b>	<b>Server</b>
Rounded corner	Square corner	Rounded corner	Square corner	Aluminum (RAL 9006)
-	-	-	-	-
●	●	●	●	●
○	○	○	○	-
○	○	○	○	○
○	○	○	○	○
18.5 in. (47 cm)	18.5 in. (47 cm)	23.6 in. (60 cm)	18.5 in. (47 cm)	38.3 in. (97,4 cm)
18.5 in. (47 cm)	18.5 in. (47 cm)	18.5 in. (47 cm)	18.5 in. (47 cm)	16.5 in. (42 cm)
23.8 in. (60,5 cm)	23.8 in. (60,5 cm)	29.5 in. (75 cm)	28.7 in. (73 cm)	-
-	-	21.7 x 13.8 in. (55 x 35 cm)	-	-
-	-	24.0-37.4 in. (61-95 cm)	-	28.25-45.3 in. (72-115 cm)
55.1 lbs. (25 kg)	55.1 lbs. (25 kg)	92.6 lbs. (42 kg)	92.6 lbs. (42 kg)	39.7 lbs. (18 kg)
-	-	●	○	-
○	○	-	-	-
○	○	○	○	-
●	●	●	●	●
○	○	●	○	-
●	●	-	●	-
-	-	●	●	-
○	○	○	○	-
○	○	○	○	-
○	○	○	○	○

## Mattresses:

Technical description.



### Völker Standard 1200 mattress:

With its polyether cellular foam core, the Völker Standard 1200 mattress meets the requirements for a high level of comfort, load-bearing capacity and durability. It's pressure-point density, orthopedic, anatomically adaptive and ensures a constant bed temperature.

Regular 88 lbs. (40 kg), single-layer special mattress with lateral sections suitable for use with four-section lying surface; can be disinfected to 105° C (recommended 75° C to protect material): elastic jersey, beige (80% Trevira, 20% cotton), density approx. 7.9 cu in. (220 g/m<sup>3</sup>); zip-fastener on one long and one short side; cover washable to 95° C. Optionally available in compliance with flame protection norm DIN 597-1+2.



### Völker Rubex® Finess 2200 mattress:

The Völker Rubex® Finess 2200 mattress is exceptionally comfortable. The mattress structure, with a higher density core and a soft supple lying surface, offers ideal support, enhanced by the shape-retaining durable Rubex® special foam material. Its open cellular structure ensures extremely high air circulation and almost complete moisture exchange, further enhanced by the diagonal wave shape within the triple-layer structure.

Regular 110 lbs. (50 kg), triple-layer special mattress with varying degrees of hardness; can be disinfected to 105° C (recommended: 75° C to protect material); standard cover: highly elastic jersey, pale blue (Helanca/-Trevira/cotton), density approx. 7.9 cu in. (220 g/m<sup>3</sup>); zip-fastener on one long and one short side; cover washable to 95° C. Mattress 2200 PUK conforms to flame protection norm DIN 597-1+2.



### Völker Plus 3300 mattress:

The economical Völker Plus 3300 mattress offers effective pressure sore protection. Triple-layer core structure enhances pressure relief. Upper surface of visco-elastic special foam at a density of 3.7 cu ft. (60 kg/m<sup>3</sup>) and hardness of 2.8 kPa. Accepts patient gently and ensures, through its unique adhesive properties, moderate compression and optimal pressure distribution relief. This is reinforced by the pressure-distributing central layer with a density of 3.7 cu ft. (60 kg/m<sup>3</sup>) and medium hardness of 3.5 kPa.

Load-bearing lower layer with a density of 3.1 cu ft. (50 kg/m<sup>3</sup>) and hardness of 5.0 kPa ensures shape retention and prevents sagging. Can be disinfected to 75° C. Three cellular foam layers joined by special wave cut that is adhesive free due to body-conforming profile – ensuring optimal air circulation. Standard cover: durable PU-coated jersey, royal blue (material 991) with zip-fastener on underside. Washable to 95° C. Mattress 3300 PUK conforms to flame protection norm GPEM/CP: D1 to 89.

## Völker covers:

### PU two-way cover

(Standard und Rubex® Finess only)

PU two-way cover with a zipper on one long and one short side. Upper face and top half of sides of PU material, lower face and bottom half of sides in the Völker Standard material) or the material of the Völker Rubex® Finess.




### PU full cover:

To protect mattresses and for a long service life, we recommend using our high-quality polyurethane protective cover.

- Certified according to Eco-Tex Standard 100
- Impermeable to water and/or urine
- Excellent respiratory properties
- Impermeable to bacteria and/or viruses
- Anti-shearing
- Resistant to blood, urine, oil, grease and disinfectant solutions
- Flame-resistant coating according to BS7175, Section 3: Crib 5 and acc. to GPEM/CP: D1 to 89

In the event of soiling, the polyurethane protective covers 983/991/989 can be wipe disinfected with any approved surface disinfectant in the DGHM or RKI list.

The mattresses are available for use immediately after wipe disinfecting. They save considerable waste disposal costs for otherwise severely contaminated mattresses.

				<i>without illustration</i>
Model	Standard 1200	Rubex® Finess 2200	Plus 3300	Mattress extension
<b>Dimensions, W x L*</b>				
35.4 x 78.7 in. (90 x 200 cm)	●	●	●	–
35.4 x 82.7 in. (90 x 210 cm)	○	○	○	–
35.4 x 86.6 in. (90 x 220 cm)	○	○	○	–
39.4 x 78.7 in. (100 x 200 cm)	○	○	○	–
39.4 x 82.7 in. (100 x 210 cm)	○	○	○	–
39.4 x 86.6 in. (100 x 220 cm)	○	○	○	–
Special dimensions	○	○	○	–
<b>Dimensions, height</b>				
	4.7 in. (12 cm)	4.7 in. (12 cm)	5.5 in. (14 cm)	7.3 in. (18,5cm)
<b>Cover</b>				
Light blue	–	●	–	–
Beige	●	–	–	–
PUW two-way cover:				
light blue/blue	–	○	–	–
PUW two-way cover:				
beige/blue	○	–	–	–
PUK full cover blue	○	○	–	●
PUK full cover royal blue	–	–	●	–
Special covers	○	○	○	–
<b>Composition</b>				
Flame resistant version	○	○ ● with PUK full cover	● GPEM/CP: D1 to 89	●

### Accessories

Protective cap in PU material, white, with elastic Spare covers

- Not available
- Optional version/equipment
- Standard
- \* Fits lying surface of Völker beds
- \*\* With appropriate purchased quantity



## Lamps:

Technical description.



### Völker amadea® wall light:

Light for mounting to wall.

With the amadea® wall light you get glare-free, predominantly indirect (approx. 65%) spatial illumination. Low-profile body in aluminum and translucent screens. Uniform light distribution achieved through double-reflector system (perforated). Shield in form of translucent plexiglass screen prevents heating of the wall and ensures easy cleaning. Low-gloss plexiglass screen prevents direct view into light and related glare.

Light body in aluminum construction (extruded) and translucent screens; equipped with two 39W FQ bulbs; electronic ballast; translucent plexiglass cover for indirect light; dimensions, light body 35.8 x 8.9 x 3.1 in. (910 x 226 x 78 mm); projection from wall 182 mm; for direct connection to wall, 110–120 V/60Hz (230–240 V/50 Hz); certified according to EN 60601-1 and EN 60598-2-25.



### Völker halux® Cosy care lamp:

Lamp for mounting directly to Völker health-care beds.

Lamp can be freely adjusted via flexible tube. Complete lamp pivots in holder and includes a cold light halogen bulb. Although this lamp has a halogen bulb, the lamp body gets only slightly warm to the touch. A night light at the switch ensures easy operation, even in the dark.

Lamp head made of impact resistant synthetic material; equipped with one 20 W cold light halogen bulb; low-gloss plastic screen protects against glare and excessive heat; metal bar as spacer; on/off switch with night light; flexible arm, defined shaft; projection 750 mm; approx. 2 m power cable with plug transformer 110–120 V/60 Hz (230–240 V/50 Hz); maximum brightness 3,000 lx at 50 cm; certified according to EN 60601-1 and EN 60598-2-25.



### Völker medicool® care lamp:

Lamp for mounting directly to Völker health-care beds.

Lamp head can be freely adjusted via flexible tube, lampshade includes a positioning handle. Complete lamp pivots in holder and includes a compact fluorescent bulb, which does not get hot. Electronic ballast, which ensures start-up within two seconds, promotes a service life 10 times longer than conventional light bulbs.

Lamp head in impact resistant synthetic material; equipped with one 14 W TC DE compact fluorescent bulb; electronic ballast installed in lamp head; plastic screen cuts glare; switch-on lamp head with separate nightlight; flexible arm; defined shaft; projection 750 mm; spiral cord; approx. 3 m power cord with plug (euro plug CEE); 110–120 V/60Hz (230–240 V/50 Hz); maximum brightness 600 lx at 50 cm; certified according to EN 60601-1 and EN 60598-2-25.



### Völker culta care lamp:




Lamp for mounting directly to Völker health-care beds.

The lamp head can be freely adjusted via a pivot mounted arm. Switching on and off the lamp takes place by simply moving the lamp head. An LED on the lamp head enables easy orientation, even in the dark. Complete lamp pivots in holder and includes a cold light halogen bulb, featuring a very good heat dissipation.

Lamp head made of impact resistant synthetic material; equipped with 1 x 20 W halogen bulb; electronic plug-in transformer; plastic screen cuts glare; on-off switch integrated in lamp head with separate nightlight; flexible arm; defined shaft; projection approx. 700 mm; approx. 2 m power cord with plug (euro plug CEE); 110–120 V/60 Hz (230–240 V/50 Hz); maximum brightness 1,600 lx at 50 cm; certified according to EN 60601-1 and EN 60598-2-25.

Awarded with Best Product  
– Universal Design in “Sonderschau  
Lebensräume 2006“.



				
<b>Model</b>	<b>amadea®</b>	<b>halux® Cosy</b>	<b>medicool®</b>	<b>culta</b>
<b>Colors</b>				
White RAL 9010	○	PLHE01	PLME01	-
White aluminum RAL 9006	AMADEA02	PLHE02	PLME02	CULTA02
<b>Special equipment/accessories</b>	○	○	○	○



○ Optional version/equipment

#### All benefits at a glance:

- Brightness and direction individually adjustable (halux® Cosy und medicool® and culta)
- Uniform light distribution
- Doesn't get hot (no risk of burning)
- Electronic ballast increases service life of bulbs and elements (up to 12,000 operating hours/amadea®, medicool®)
- Glare-free illumination through integrated reflector technology
- Good illumination even when back section of bed is raised
- Appropriate as examination lamp (halux® Cosy, medicool® and culta)
- All healthcare beds certified according to EN 60601-1 and EN 60598-2-25

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**(incorporated company)**

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