

# Image 3 W



Washable universal bed: low height and excellent design

Simply the best for your hospital department







## Summary of the benefits:

- 3 Stop Strategy and SafeFree® siderails as patented side protection concept contribute to fall prevention and actively support patient mobilisation. The programmed position for washing ensures that the Image 3 W bed has the right height for whatever standard washing machine for beds – even with accessories such as lifting pole or IV pole.
- Centrally braked 4 castors with 5th castor ensure top mobility and manoeuvrability even in very narrow spaces.
- Unique Ergomframe® system helps to effective prevention of pressure ulcers.
- As universal hospital bed, Image 3 washable can be used in different departments.
- Bed adjustment is easy and simple.
- The hotel design creates an attractive environment for quick recovery and ensures a cosy atmosphere in the room. The intuitive contours and symbols on the control features make handling simpler.
- The special frame is suitable for mechanical disinfection, makes cleaning and drying easier.
- Image 3 W is made of quality corrosive-resistant materials such as stainless steel, aluminium, HPL and KTL (catalytic coating).





# Ready to be cleaned mechanically

Designed for cleaning in automatic hospital washing machine

The Image 3 W bed is designed for all standard washing tunnels. It has been tested in such facilities as Miele, Dirschl, MMM, Kleindienst and Belimed. The flexible frame guarantees the Image 3 W bed's compatibility with various track systems.



## Best preconditions for effective processes

- Corrosive-resistant materials, electronics protected for use in IPX6 washing tunnels
- Sophisticated frame with ideally placed drainage holes
- Release of the mattress platform with the aid of Easy-Click laminate for perfect drying results
- Suitable for mechanical washing according to AK-BWA
- The smooth and large areas ensure quick drainage with no collection of water
- Programmed position for washing can be set at the press of one button. Therefore even beds with a lifting pole and IV pole can be simply and quickly prepared for steering through a door and transport by lift.

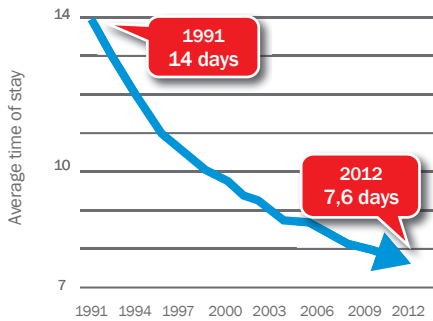
Suitable for mechanical washing according to AK-BWA



# Comfortable transport

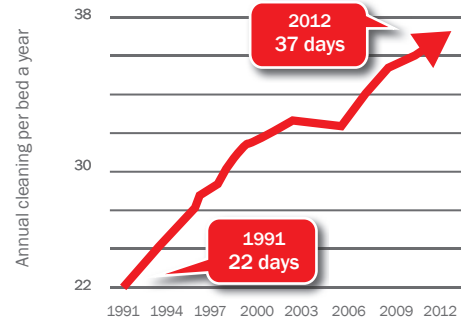
Current trends set the strictest requirements...

Ø Time of stay at department since 1991 has almost halved



Data source: Federal Statistical Office, key hospital data in. 2013

Result: 70% more cleaning of beds a year



Data source: Federal Statistical Office, key hospital data in. 2013

...for effective transport and cleaning



Annually 65,000 bedridden patients are moved at a department with ca. 1,100 beds. But staff cover more than 10,000 km. But this leads to typical problems: turning the bed in the patient's room, manoeuvring in narrow turns and into lifts.

## „5th castor“

To meet the current requirements of departments and making daily nursing care easier, the Image 3 W bed has the innovative 5th castor. This castor makes the bed's transport with or without a patient considerably easier and can be done by just one person. Thus effective transport is much greater than in the central locking of the 4 castors with the guide castor and considerably facilitates the bed's logistics.

\*Example: St. Pölten University of Applied Sciences, 2014

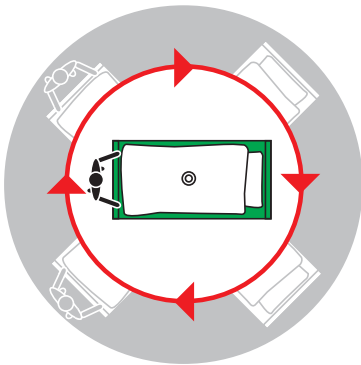
# 5th castor: unexpected easy way



The 5th castor is located centrally between the four main castors and makes problem-free manoeuvring in narrow corridors, small rooms and when turning the bed in one spot possible. It supports the bed's stable straight direction along long corridors and makes it considerably easier to steer the bed into and out of a lift.

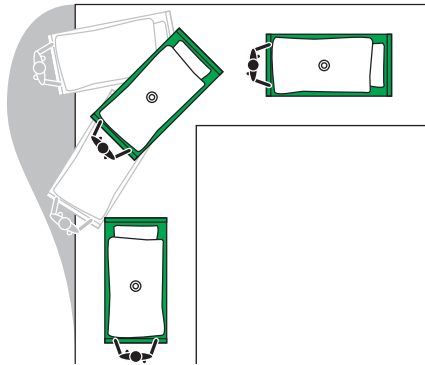
## In a patient's room

- Easy turning on the spot



## On corridors

- No swerving when turning a corner



## In lifts

- Safe steering thanks to the 5th castor and the pre-programmed washing position

## Further effective transport solution



- 4 castor centrally braked (standard)
- Double castors (optional)
- Acoustic Brake Alarm (optional)

The Image 3 W bed has a whole number of innovative and useful accessories for transport and safety.



# SafeFree® siderails

Patented concept of securing sides for safety mobilisation

Patented SafeFree® side protection concept

Split telescopic SafeFree® siderails deals with patient's safety and the individual needs in a unique way. It provides maximum protection without restrictions.

Split SafeFree® siderails can be adjusted to the 4 different height levels and perfectly fits to specific request on patient's treatment. Variability has multiple ways of use – SafeFree® siderails provide feeling of safety to the patient, protect him, help when standing up and not restraining him at the same time.

1. no protection, full freedom of movement (4 sides lowered)
2. minimum height provides orientation, no restriction (3 sides at level 2)
3.  $\frac{3}{4}$  protection without FEM\* (3 sides at level 3 or 4)
4. full protection (4 sides at level 3 or 4)

Full length SafeFree® siderails provides 100% safety. None additional accessories in between or at foot end are requested. There aren't any dangerous gaps or pinch points among siderails and bed ends.

SafeFree® siderails are telescopic and don't request any additional space beside the bed and it can be used also in narrow places. It allows to use bedside cabinet closely to the bed.







Smart details: integrated mobilisation handle for better standing up, double locking mechanism and simple height adjustment of SafeFree® siderails.



The sophisticated safety concept – double locking mechanism rules out accidental lowering of the sides, such as during mobilisation.



Maximum height of SafeFree® siderails of 40cm perfectly protect patients while using high active air mattresses up to 18cm height. Active mattress Precioso is recommended to be used.





# 3 Stop strategy

Sleeping, mobilisation / cleaning, examination

Image 3 provides a complex system of supportive automatic features called 3 STOP STRATEGY. It contains functions for safe sleeping, independent mobilisation for quicker recovery, convenient care and cleaning procedures for hospital staff.

## Sleeping at 28 cm

- Height of 28 cm
- 1-button function on Supervisor panel
- Bed is in the lowest position, patient is protected against the fall
- Variable SafeFree® siderail setting adjusted to patient needs
- Double step locking mechanism protects against unintentional release
- Full length protection of SafeFree® siderail



## Washing and mobilisation at 42 cm

- 42 cm height is suitable for cleaning process, the bed will fit into the washing machine tunnel even with accessory as IV pole or lifting pole
- In this position disinfection process is effective for all the parts of the bed
- Bed automatically indicates mobilisation level when hi-low positioning and stops
- Raises back rest for sitting support
- Telescopic SafeFree® siderails is natural support and gives higher confidence
- Optimum height for transfer to standing position or to chair



## Examination at 80 cm

- Height of 80 cm
- 1-button function on Supervisor panel
- Automatic flat profiling of the Ergoframe® mattress platform
- Contributes to reduce low back injuries of health care professionals
- Supports ergonomic care



# Pressure ulcer prevention

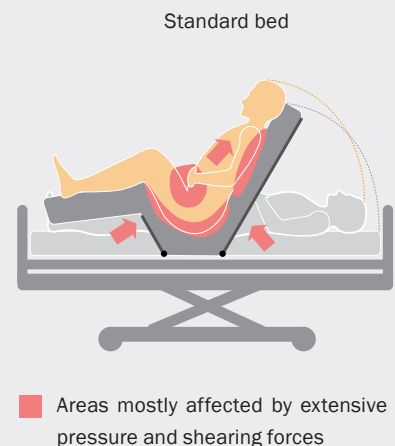
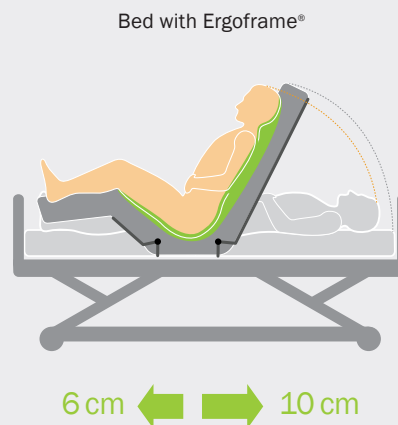
## Unique system Ergoframe®

Image 3 electrically adjustable bed contains extended features which prevent pressure ulcers and contribute to their easier treatment. Mattress platform profiling called Ergoframe® provides needed comfort for patient. Integral part of the antidecubitus measure on the bed is also the range of active mattresses developed and manufactured by LINET.



### Effects of ergoframe® positioning

- Reducing pressure in the pelvic and sacral area when positioning the bed
- Maintaining good lung ventilation
- Reducing the risk of pressure ulcers in the area of the pelvis and shoulder blades
- Patient comfort in all positions, including the sitting position
- Prevention of complications arising from pressure on the internal organs in the abdominal cavity
- Ensuring constant head support



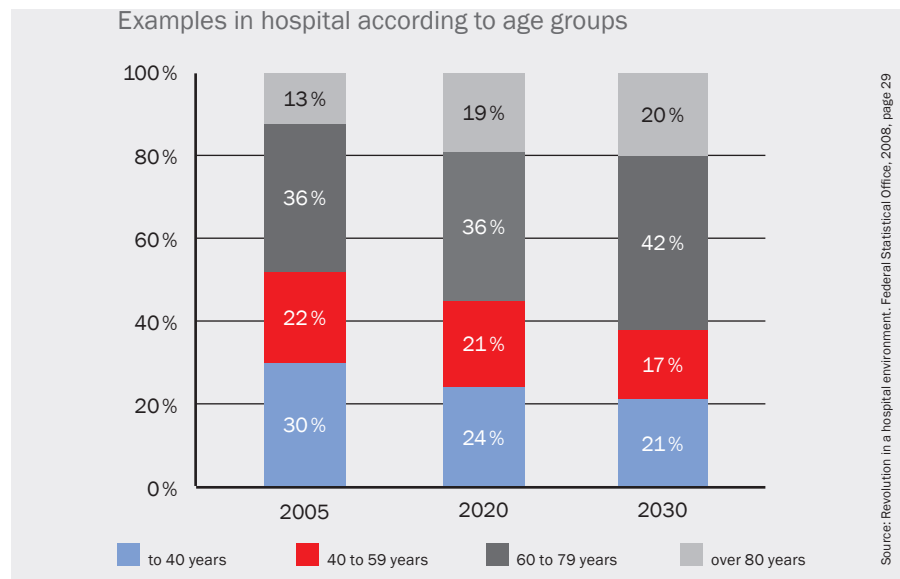
■ Areas mostly affected by extensive pressure and shearing forces



# Effective fall prevention

## Safety thanks to a low position

The Image 3 W a was designed with focusing on 100% safe recovery of patient in the bed. Safety is the key characteristics of Image 3. Reduced height combined with telescopic SafeFree® siderails create absolutely safe environment for the patient, that can be adjusted according to their specific needs.



### Reduced height of 28 cm

Image 3 W can be adjusted to reduced height of mattress platform just 28 cm above floor and significantly reduces the risk of fall from bed, especially at night.

- Reduced height protects patient from injuries
- Combination with falling mattress reduces the risk of injury even more
- Image 3 offers safe environment for patients with high risk of fall
- Reduced height of 28 cm reachable with 12.5 cm castors

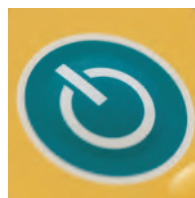
With the increasing average age of patients comes a greater risk of injury from a fall. Thus there is a significant rise in fall prevention requirements and safe patient mobility.

## Fall prevention and safety details



### Night light

Bed can be equipped with night light for improved orientation of the patient. Night light is next step for patient's enhanced feeling of safety, comfort and quicker recovery.



### Go button

GO Button is safety unique feature, that deactivates control elements automatically after 3 minutes without any electrical adjustment. It prevents unintentional movement with the bed.



### Brake alarm

Break alarm automatically indicates unbraked bed and informs hospital staff about possible danger. This prevents the patient from falling caused by leaning against an unbraked bed when exiting or lying on the bed.



### TÜV certification

The safety of the bed has been acknowledged by TÜV, a most prestigious independent German company. Both single and long-term severe tests confirmed the absolute safety and quality of the Image 3 bed and issued a certificate of the bed's compliance with the norm ieC 60601-2-52:2010.

# Image 3 W

## Universal hospital bed

The Image 3 W can be used as professional equipment for nursing care at all department stations. A whole number of useful details supports daily care, transport logistics, cleaning and servicing.

### Functions for simple handling

- The patient handset (01) is impressive for its clear and proper backlighting (optional): the backlit display enables the location of the handset at night. The optionally integrated LED light also helps with a targeted search.
- Thanks to the handset holder (01) is fixed to the SafeFree® siderails. Side protection for quick access to the patient and nursing staff. This significantly reduces the lengthy search and damage as a result of collision and fall to the floor.
- The control treatment programme (standard, 02) speeds up treatment: The programmes automatic positions for examination and treatment, mobilisation, transport and the washing process facilitate treatment and save valuable time. The linen holder at the foot end is a practical storage space.
- The plug&play (standard, 03) adapter makes possible the double-sided flexible use of the patient handset or its removal for use in the psychiatric department .
- 3D protective corner bumpers to ensure distance from the wall (optional, 04) with a horizontal and vertical effect protect against collisions during transport and when adjusting the height.
- The night light (05) can be adapted to a relevant situation and can be switched on/off.
- Quick access for servicing (06) is possible with the use of the control unit located at the foot end. Access is prepared by simply removing the last Easy-Click plastic part of mattress platform.





# Stylo 3 W

## Washable bedside cabinet

The Stylo 3 W bedside cabinet is an ideal accessory to the Image 3 washable bed. It is a combination of a cosy design with innovative functions and compatibility for mechanical cleaning according to AK-BWA. Thanks to the unique mechanism the food tray can be stored on both sides of the bedside cabinet simply without using implements. The 5th castor provides extraordinary stability. Drainage holes are found in the drawers which ensure quick and reliable water drainage.



Thanks to the easy exchange of sides without the use of implements (left/right) the food tray can be adapted to the individual needs of the patient and spatial conditions.



The option of turning the bedside cabinet board to the side by 25° ensures optimal positioning of the food tray for the patient. The bedside cabinet remains braked during positioning to prevent a fall.

The compact frame and separate 5th castor in an option with the food tray supports fall prevention thanks to extraordinary stability and prevents it from overturning.



The ideally located drainage holes in the drawers ensure quick drying and do not allow water to collect.



The robust drawers with an integrated bottle holder ensure tidiness. The large handles make reaching from the bed easy.



The quiet slide-in drawers (optional) offer further handling comfort for the patient and nursing staff.

# Excellent design







Image 3 is elegant and its simple design with clear lines impresses pleasant, home looking atmosphere. Though it is very functional, brings ergonomics and user-friendly handling. Bed was designed by one of the prior Czech designers Jiří Španihel.

- Combination of elegant aluminium with wooden decors creates a modern but still calming desing.
- Design of the bed is timeless and it can be used in wide range of facilities – acute and nursing care.
- Colour concept offers high variability: steel or plastic parts in silver and dark grey, bed ends and SafeFree® siderails with decors on demand. Customer will get its own individual model by choosing colours and equipment.
- Bed ends and SafeFree® siderails construction is created by 32 mm aluminium profiles to be compatible with various accessories and devices.
- The bed construction undergoes special technological modification that increases its service life and durability.

# Technical details

## 01 SafeFree® siderails

- SafeFree® siderails offer outstanding protection with multiple height setting possibilities.

## 02 MOBILISATION handle

- Mobilisation handle provides needed support for better independence.

## 03 Ergoframe® mattress platform

- Ergoframe® mattress platform gives a comfort and contributes to pressure ulcer treatment.

## 04 Mattress platform covers

- Removable mattress platform covers facilitate cleaning of the bed easier.

## 05 Supervisor panel

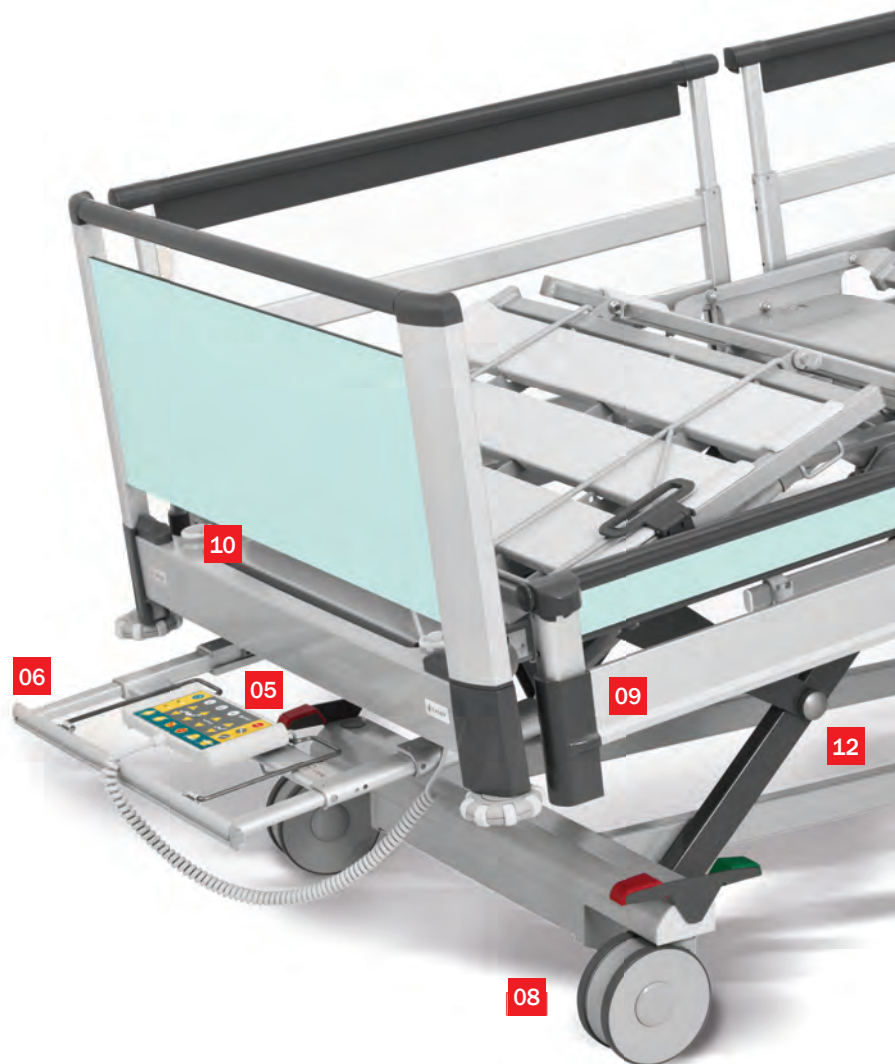
- All functions of bed are available on the Supervisor panel. It can be also storage in linen holder.

## 06 Linen holder

- Linen holder helps with daily activities and enhances hygiene procedures – such as making the bed.

## 07 Foldable mattress retainers

- Foldable mattress retainers offer to adjust both 86 cm or 90 cm wide mattresses.



## Decors

The Image 3 W colour concept is complemented by an entire range of elegant single-coloured and wooden decors as free choice at no extra charge.



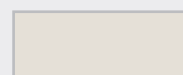
Oslo blue



Kiwi



Matt green



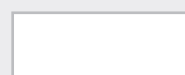
Peal white



Nectarine



Grapefruit



Bright white



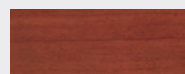
Light grey



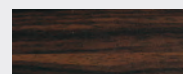
White maple



Honey beech



Calvados pear



Zebrano



#### 08 Castors

- Tente Linea design castors provide easy manipulation of the bed.

#### 09 Bed extension

- Exceptional bed extension up to 30.5 cm helps to adjust tall patients.

#### 10 Bed end locks

- Bed end locks protect against unintentional withdrawing of the bed ends.

#### 11 Drainage tubes holder

- Drainage tubes holder contributes to easier hygiene and tubes management.

#### 12 Scissors construction

- Special scissors construction of lifting mechanism offers low height of 28 cm and high SWL.



#### Technical parameters

External dimensions	104×221 cm/99.8×220 cm
Mattress platform dimensions	200 × 86 / 90 cm
Clearance	13/15.5 cm
Mattress platform height adjustment	28 – 80 cm
Bed extension	10, 22, 30.5 cm
Maximum mattress height	18 cm (split side rails), 17 cm (single collapsible siderails)
Safe working load	250 kg
Bed weight	140 kg including accessories
Backrest tilt	0 – 70 °
Thighrest tilt	0 – 34 °
TR/ATR tilt	0 – 14 °

#### Electric parameters

Power supply	230 V/±10 %
Maximum input	max 1.6 A; 370 VA
Protection against water and dust	IPX6

#### Certificates

LINET is certified according to European standards and the quality system:  
ČSN EN 9001:2000 ČSN EN 13485:2003

The products are manufactured according to European standards for healthcare technology and hospital beds: ČSN 60601-1, ČSN 60601-2, ČSN 60601-4, ČSN 60601-2-52, ČSN EN ISO 14941  
Image 3 Washable: AK-BWA:2009



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Members of LINET Group

**LINET spol. s r.o.**

Želevčice 5 | 274 01 Slaný | Czech Republic

tel.: +420 312 576 400 | fax: +420 312 522 668 | e-mail: [info@linet.com](mailto:info@linet.com) | [www.linet.com](http://www.linet.com)

