LITS ET BRANCARDS

Équipements et accessoires hospitaliers

CATALOGUE 2025

HEALTH FIT & SPORT
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HFS GROUP

HOSPITAL
BEDS

Famed **NOBILIS**

ADVANCED COLUMN-BASED ELECTRICAL ICU BED WITH LATERAL TILTS

The **Famed NOBILIS (LE-13)** is an advanced electric hospital bed designed specifically for intensive care units. Its construction, supported by three cylindrical columns, ensures stability and functionality tailored to the requirements of positioning therapy. Lateral tilts facilitate patient care, reduce challenging factors for medical staff, and, when combined with an appropriate mattress, provide support in preventing and treating pressure ulcers. Intuitive control, achieved through a central panel, a wired remote, and control panels on the side rails, allows for easy adjustment of the bed position to suit the patient's condition.

POSITIONING THERAPY

Famed NOBILIS offers side tilts for positioning therapy – they facilitate patient nursing and eliminate factors cumbersome for the medical personnel (e.g. lifting heavier patients, spinal column load). Stable column structure and advanced control systems guarantee high level of safety and functionality. The central panel indicates the backrest segment position (degrees). During the adjustment of the backrest position, the bed signals when the 30° angle is reached (a therapeutic requirement for various conditions, such as pulmonary diseases).

EASY TO USE

The functions of **Famed NOBILIS** facilitate everyday patient nursing: integrated certified weighing system, X-ray device support, easily disinfected structural parts, quickly demountable tops, bed angle indicators, directional wheel. Bed cleaning is easy due to the use of ABS side rails and **pSilver™** technology paint in **Famed NOBILIS**. Bed functions are operated using the central panel, wired controller, side rails panels and foot controllers (option).

SAFETY

Patient's safety is ensured by reliable drive and control units, low height of the pallet and maximum load capacity of 250 kg. The integrated certified weighing system built into the bed allows for easy monitoring of the patient's weight (accuracy up to 100 g), while the battery ensures the bed can be operated during transport or in case of power supply failure. Additional functions, including nurse call system and bed base lighting improve patient's comfort and safety. The bed is equipped with sensors preventing lateral tilt when side rails are lowered.

FUNCTIONALITY AND PATIENT COMFORT

- Three-column construction for improved stability and enhanced comfort for medical staff.
- Lateral tilts facilitate positioning therapy and ease patient care.
- Cutouts at the headboard provide better access during intubation and other procedures involving the patient's head or chest.
- Control panels in the side rails for patients and medical staff.
- Full-length side rails ensure patient safety by preventing falls, and their height allows for the use of a mattress with a thickness of up to 230 mm.
- **EasyDrop™** side rails lower below the level of the mattress support platform.
- Side rails, head and foot boards, and covers made of ABS plastic ensure durability and facilitate disinfection.
- Detachable head and foot boards with a locking mechanism.
- Dedicated VEM panel to assist the patient in getting in and out of bed.

TECHNOLOGIES AND FEATURES FOR MEDICAL STAFF

- **pSilver™** technology in all plastic and varnished components of the bed ensures bacteriostatic protection.
- The mattress pallet consists of HPL translucent panels for X-ray penetration.
- An intuitive control system provides access to therapeutic positions with the push of a single button on the central panel.
- The ability to lock the controllers prevents accidental position changes by unauthorized personnel.
- CPR levers reset the bed position - accessible even with lowered side rails on both sides of the bed.
- Central panel with a dedicated, foldable shelf.
- User-friendly wired remote control.
- Integrated, certified weighing system with accuracy up to 100 grams.

CONSTRUCTION, MOBILITY, AND ADDITIONAL POSSIBILITIES

- Central wheel locking levers.
- Double, rubberized wheels.
- Possibility to extend the mattress pallet.
- Thigh segment adjustment assisted by a gas spring.
- Bumpers to prevent damage to walls and equipment.
- Dedicated sockets for IV pole hangers and hand grips.
- Option to install additional accessories and hooks for saline solutions.
- Customization option.

Length 2220 mm | **Overall width** 990 mm | **Minimum height** 490 mm | **Maximum height** 870 mm | **Back rest segment inclination** 70°
Thigh rest segment inclination 40° | **Lateral tilt** 25° | **Trendelenburg position** 15° | **Reverse-Trendelenburg position** 13° | **Maximum load** 250 kg
The maximum mattress thickness 230 mm

Famed **NANO**

ICU / UNIVERSAL HOSPITAL BED WITH COLUMN CONSTRUCTION

Famed NANO is an advanced hospital bed that will be perfect for both **intensive care units** and general wards. The patient's weight measurement system, pre-programmed positions available at the push of a button, early patient mobilization system and the easy-to-use **SoftDropPlus™** side rails ensure patient comfort and safety and facilitate the work of medical personnel. The two-column construction provides stability and enables great access and collision-free monitoring of the patient with a C-arm.

FUNCTIONALITY

The central control panel, remote control or control panels in the side rails allow you to fully use the advanced functions of the bed. Positions available at a push of a button, **SoftDropPlus™** side rails operated with one hand or angle indicators will greatly facilitate the work of medical personnel. The column structure, ABS covers and fully removable bed pallet fillings facilitate disinfection. Side panels dedicated for patients are easy to use even for visually impaired patients. Patient early mobilization approach helps in faster recovery and is perfect for intensive care units.

EASE OF USE

The central control panel, remote control or control panels in the side rails allow you to fully use the advanced functions of the bed. Positions available at a push of a button, **SoftDropPlus™** side rails operated with one hand or angle indicators will greatly facilitate the work of medical personnel. The column structure, ABS covers and fully removable bed pallet fillings facilitate disinfection. Side panels dedicated for patients are easy to use even for visually impaired patients. Patient early mobilization approach helps in faster recovery and is perfect for intensive care units.

SAFETY

Full-length side rails prevent patient from falling. The constant distance between all the side rails elements prevents pinching the fingers and hands. The 9 side rails grip points ensure safe and comfortable change of position and getting out of bed. **Double autoregression** reduces excessive pressure in the lumbar area in a sitting position. Plastic and varnished elements are made in **pSilver™** antiseptic technology. Central wheel lock, the ability to lock the bed function on the central panel or unlimited access to the CPR lever gives the staff full control over the bed.

FEATURES

- All plastic and painted elements are made with **pSilver™ technology**;
- Dedicated panel for a **three phases early mobilization** program;
- Safe SoftDrop™ side rails according to an international standard (**EN 60601-2-52**);
- The control panels are designed to make it easier for blind and partially sighted people to control the bed;
- One-button activated positions: anti-shock, examination, Fowler, CPR, cardiac chair position, vascular and three VEM positions;
- Locking of individual function of the hand remote control or patient controls using the central panel,
- High durability and stability of the bed ends with system of locking the boards in the bed frame;
- Easy access to the **CPR lever**;
- Removable headboard can be used as an additional CPR support under the patient in the event of a resuscitation;
- X-ray translucent HPL bed surface **(MAE 0,39 mm Al);**
- The **weight measurement system** makes it easy to monitor patients' weight with an **accuracy of 100g.**

THREE PHASES OF EARLY MOBILIZATION

Early mobilization is a crucial modern requirement for a modern hospital. To help the patient get out of the bed and do exercises, we have integrated a dedicated control panel for vertical mobilization in the bed. Famed NANO can help the patient to stand up and walk away from the bed, encouraging him to move and get back in shape. This is the final of the three mobilization phases on the Famed NANO bed.

1 First phase - the patient can use the panel integrated into the side rail to move the backrest up, higher and higher - as long as it is comfortable. For the ICU patients the staff should perform the action - use a 30° position or above to prevent VAP. Using a lower angle can be one of the factors for VAP.

2 In the second phase - assisted by medical staff, automatic cardiac chair position can be activated - a staff member assists. The patient can be verticalized a little bit to test if he is in a condition that will enable him to leave the bed in the third phase. Reverse Trendelenburg position is set to test the ability of standing up. Patient can use the locked bed end as a support area for his feet. Some core exercises can be performed and a physiotherapist can start a muscle strength rebuild program.

3 In third phase, with the assistance of staff and setting the bed in the reverse-Trendelenburg position, the patient can try to get up. If the patient is strong enough to try to stand on his own, he can use the dedicated control panel located on the outside of the side rail. The anatomical hand grip on the side rail is equipped with up / down buttons to raise the patient to a level where he can stand up on his own.

BED CONTROLS

Length 2180 mm | **Overall width** 985 mm | **Minimum height** 390 / 435* mm | **Maximum height** 770 / 805* mm | **Back rest segment inclination** 70°
Thigh rest segment inclination 40° | **Trendelenburg position** 15° | **Reverse-Trendelenburg position** 15° | **Maximum load** 250 kg

* Famed NANO with patient weighing system.

Famed **NEXO**

ELECTRICAL, COMFORTABLE AND ECONOMICAL HOSPITAL BED

The affordable electric hospital bed designed with comfort, safety and early mobilization in mind. A product ideal for hospitals, long-term care units and ICU. A simple, field-proven construction and high durability is combined with advanced functions and an affordable price. Thanks to the **Famed NEXO,** you will provide comfort to a wider range of patients.

COMFORT

Thanks to its **electrical control**, the Famed NEXO offers a wide range of available positions. The bed can be controlled by a central panel, a wired remote control or a control panel in side rails. For the convenience of hospital staff, the Famed NEXO has pre-programmed positions, accessible by pressing just a one button on the control panel, easy to use **SoftDrop™** side rails and angle indicators. The Famed NEXO can be lowered to a **very low height**, so that getting in/out of the bed is easy and safe. It also prevents the patient from injuries if he falls out of the bed. **The dedicated panel for early mobilization is a real added value to the patient recovery.**

ECONOMY

The Famed NEXO bed has been designed to provide high versatility. It can be also used with **overweight or tall patients** (the bed length extension). In addition, the bacteriostatic **pSilver™** protection shortens the disinfection time and reduces the infection spread in the hospital. The construction of the bed base and control elements were designed to make cleaning as easy as possible and to shorten its time. The Famed NEXO is a bed where **legendary build quality meets well thought out access for a service team** to make easy and quick repairs on the site without custom tools. It guarantees a total cost of ownership (TCO) of virtually zero and **practically no downtime**.

SAFETY

An economical hospital bed does not mean that we did even slightest compromise when it comes to safety standards. The Famed NEXO offers a high maximum load (**280 kg**) and high durability, confirmed by the third party test results and a positive feedback from **over 100 countries around the world**, where the Famed NEXO is present. All plastic and varnished elements were made using a bacteriostatic **pSilver™** technology. The high side rails along an entire length of the bed were designed to fully protect the patient. A central wheel lock ensures a stable position of the bed in a room. Between the various elements of the side rails there is a constant, safe distance, which prevents pinching of fingers or hands. A quickly detachable headboard can act as an **additional CPR support** under the patient in the event of resuscitation.

FEATURES

- All plastic and painted elements are made with **pSilver™ technology**;
- Dedicated panel for a three phases early mobilization program;
- Safe **SoftDrop™** side rails according to an international standard (**EN 60601-2-52**);
- The control panels are designed to make it easier for blind and partially sighted people to control the bed;
- One-button activated positions: anti-shock, examination, Fowler, CPR, vascular, cardiac chair position and three VEM positions;
- Locking of individual function of the hand remote control or patient controls using the central panel,
- High durability and stability of the bed ends with system of locking the boards in the bed frame;
- Easy access to the CPR lever;
- Removable headboard can be used as an additional CPR support under the patient in the event of a resuscitation;
- X-ray translucent HPL bed surface **(MAE 0,39 mm Al)**;
- Small distance from the floor **(only 390 mm)**;
- Bed length extension;
- Unlocked wheels alarm when the bed is connected to the mains (option);
- Low battery warning.

THREE PHASES OF EARLY MOBILIZATION

It is not only about the ICU

Early mobilization is a crucial modern requirement for a modern hospital. To help the patient get out of the bed and do exercises, we have integrated a dedicated control panel for vertical mobilization in the bed. NEXO can help the patient to stand up and walk away from the bed, encouraging him to move and get back in shape. This is the final of the three mobilization phases on the NEXO bed.

1

In the first phase, based on the patient's condition, the medical staff can decide to raise the backrest to a position of 30° or higher to prevent VAP5. At the push of a button on the central panel, the bed backrest will rise up and automatically stop when it reaches a 30° incline, making it easier for the medical staff to work with the patient and providing a better recovery for the patient.

2

In the second phase – with the assistance of the medical staff – the bed will do extreme reverse-Trendelenburg position or, in the final phase, a cardiac chair position. This way the staff can check if the patient's condition will allow him to leave the bed in the third phase. By verticalizing the patient (the best angle of 18.5° on the market), his ability to stand up can be tested. Using the tilt or using the top as a foot rest, we can do some basic exercises and the physiotherapist can begin a muscle recovery program.

3

In the third phase, with the assistance of the medical staff, the patient may try to get up. If the patient is strong enough to try to stand on their feet by his own, he can use the dedicated control panel on the outside of the side rail. The anatomical hand rest on the side rail is equipped with up / down buttons, allowing the patient to be raised to a level where they can stand up on their own. If the patient is to weak, medical staff assistance is required.

BED CONTROLS

Length 2180 mm | **Overall width** 985 mm | **Minimum height** 390 mm | **Maximum height** 800 mm | **Back rest segment inclination** 70° | **Thigh rest segment inclination** 40° | **Trendelenburg position** 16,5° | **Reverse-Trendelenburg position** 18,5° | **Maximum load** 280 kg

Famed **LP-02.1**

DURABLE **HOSPITAL AND REHABILITATION BED**

Famed LP-02.1 bed is intended for hospitals, spa and rehabilitation facilities searching for a robust and simple solution. It can be used in the course of diagnosing, monitoring and treatment of patients. The bed pallet is made of paint coated steel.

QUALITY

Purchasing the **Famed LP-02.1** bed you choose the famous quality of the manufacturing plant in Żywiec, Poland. This simple bed will satisfy the needs of your facility and guarantee its uninterrupted work. You can be sure of the product you are purchasing. The laboratory takes care of every phase of production and the final product passes through two quality control stations. This bed is entirely manufactured at our plant, so we control every single stage of its production.

MATRESSES

We can equip the **Famed LP-02.1** bed with a 2000 x 840 anti-bedsore foam mattress with a waterproof, vapor-permeable cover or another, more advanced model. The maximum mattress height for this hospital bed is 140 mm in the variant with side rails. All mattresses are made in our factory, so we have full control over the production process and the quality of our products.

USABILITY

Hospital bed made of high quality varnished steel with adjustable back rest. The headboards of the bed are made of plastic with the possibility of personalization - choose the color of the inserts to suit the needs of your hospital. Optionally, the bed can be equipped with folding varnished side rails PB-31. Stable support under the mattress is provided by a bed pallet made of varnished steel mesh. All plastic and varnished bed components are finished with **pSilver™** technology providing bacteriostatic protection in the most frequently touched areas.

OPTIONAL ACCESSORIES:

- mattress with additional features (e.g. anti-bedsore passive mattress),
- hand grip,
- drip hanger,
- orthopedic traction frame,
- central wheel or foot lock,
- folding side rails PB-31.

FEATURES:

- durable, proven design,
- varnish and plastic parts with antibacterial additive in **pSilver™** technology,
- customizable headboards,
- adjustable backrest.

Length 2190 mm | **Overall width** 965 mm | **Minimum height** 500 mm | **Maximum height** 500 mm | **Back rest segment inclination** 70° | **Thigh rest segment inclination** 0° | **Trendelenburg position** 0° | **Reverse-Trendelenburg position** 0° | **Maximum load** 170 kg

PATIENT TRANSPORT **STRETCHERS**

Famed **STRIDER**

TROLLEY FOR PATIENT TRANSFER

Famed STRIDER is the essence of ergonomics and mobility. The stretcher is designed for fast and safe movement through hospital corridors. Its stable two-column construction, supported by large wheels, facilitates easy manoeuvring and navigation over uneven surfaces. Full-length side rails prevent the patient from falling, while ergonomic features designed for the comfort of medical staff allow them to focus on the patient's needs.

SAFETY AND COMFORT

Side rails protect the patient over a length of 1480 mm. The high maximum load capacity (SWL 250 kg) allows for the safe transport of heavier patients, while the large 200 mm diameter wheels make the stretcher easy to manoeuvre. The **QuickBrake™** emergency brake allows for immediate stopping of the cart and quick life-saving actions. Zero transfer gap and a dedicated mattress with handles reduce the risk of patient falls during transfer and facilitate the work of medical personnel. pSilver™ technology in all plastic and painted components of the bed ensures bacteriostatic protection at every stage of use.

HIGH FUNCTIONALITY

Seamless integration with C-arm thanks to column design and a lot of free space between the mattress platform and the base. Standard X-ray cassette tray with ergonomic slide system allows full-length imaging of the patient**. Stable construction with central locking system allows use in simple surgical procedures. Foldable IV poles, ergonomic push handles and side rails make the stretcher easy to navigate, while additional accessories enhance its functionality.

EASY OF USE

Foldable push handles and IV poles with height adjustment provide sturdy support during stretcher handling and allow more space around the patient's legs and head. Positioning of the backrest section and thigh section is controlled by gas springs with locks. The lower leg section is adjusted by a convenient and easy-to-use latch mechanism. Effortless height adjustment, Trendelenburg and anti-Trendelenburg tilts are operated by a foot lever system. Large wheels, a directional wheel and optional fifth wheel make it easy to get from A to B.

BASIC EQUIPMENT – REQUIRED:

- **Mattress**: thickness of 80 or 100 mm,
- **Push handles**: foldable push handles / foldable IV poles with height adjustment/ head boards
- **Side rails**.

OPTIONAL EQUIPMENT:

- Fifth wheel,
- Transfer mattress
- Towel hanger,
- IV pole,
- Patient safety belt,
- Monitor shelf,
- Hook for fluid bags,
- Accessory rail,
- Basket for patient belongings.

*Applies to the Famed STRIDER WP-09.1 patient transport trolley with a four-section platform.

**The trolley is radiolucent over a length of 1946 mm, excluding the areas where columns and mounting components are installed.

Length 2125 mm | **Overall width** 825 mm | **Minimum height** 560 mm | **Maximum height** 890 mm | **Back rest segment inclination** 80°
Thigh rest segment inclination 27° | **Trendelenburg position** 15° | **Reverse-Trendelenburg position** 15° | **Maximum load** 250 kg

Famed **SPARK**

ERGONOMIC AND ECONOMICAL PATIENT TRANSPORT STRETCHER

Famed SPARK is the next generation of a well-tested design that has proven its value by dozens of countries: economical, functional and durable stretcher for transporting patients. The antibacterial properties of plastics and varnished elements have been combined with low maintenance costs and unsurpassed durability.

FUNCTIONALITY

The stretcher is compatible with mobile X ray equipment (bedside X-ray, C arm) and tunnels for X-ray cassettes. Height adjustment levers available on both sides allow the patient to be supervised while changing the height at the same time. The stretcher is compatible with a range of accessories, such as a shelf for medical monitors, a fifth wheel, an oxygen tank holder and more. Optionally mattress with handles for patient transfer is available. We also have a choice of an easy to use **two-segment (WP-02.0)** or **three-segment (WP-02.1)** mattress support pallet for easy positioning. The large-capacity basket for patient's belongings, located in the base, allows you to keep order.

SAFETY

Side rails protect the patient over a length of more than 1500 mm. They have no sharp edges and no dangerous points that could pinch fingers. The high maximum load (SWL) of **250 kg** allows for safe transport of even heavier patients with the necessary equipment. Antibacterial nanotechnology with **pSilver™** nanoparticles additives in varnish, plastic elements and in the mattress cover facilitates disinfection and reduces the number of bacteria. Stable, large wheels facilitate transport even on rough surfaces, ensuring full stability of the stretcher.

EASY HANDLING

Zero gap transfer between the bed and the stretcher when moving the patient - minimizes the strain on hospital staff and reduces the risk of falls. The side rails lower not only below the mattress, but also below the stretcher pallet itself - this facilitates safe sliding off the mattress when standing up and protects the rails against damage. There are as many as **two pairs of handles** to guide the stretcher through hospital corridors. Additionally there is another ergonomic push handle in the backrest. The directional wheel and the optional 5th wheel make maneuvering extremely easy, even with heavy patients.

BASIC EQUIPMENT – REQUIRED:

- **Mattress**: thickness of 80 or 100 mm,
- **Side rails:** with push handles on head side (integrated with the side rails) or without push handles with 2 sockets for IV poles
- **Push handles on foot side**: fixed or foldable

OPTIONAL EQUIPMENT:

- X-ray tray,
- Fifth wheel,
- Transfer mattress,
- Towel hanger,
- IV pole,
- Patient safety belt,
- Monitor shelf,
- Hook for fluid bags,
- Oxygen tank holder,
- Two additional wheel lock levers,
- IV pole sockets in side rails

Length 2040 mm | **Overall width** 790 mm | **Minimum height** 600 mm | **Maximum height** 900 mm | **Back rest segment inclination** 70°
Trendelenburg position 23° | **Reverse-Trendelenburg position** 12° | **Maximum load** 250 kg

TECHNICAL DATA

	Famed NOBILIS (LE-13)	**Famed NANO** (LE-12)
Length	2220 (+280) mm	2180 mm
Overall width	990 mm	985 mm
Adjustable height	490 - 870 mm	390 - 770 mm 435 - 805 mm (version with scale)
Back rest segment inclination	70°	70°
Thigh rest segment inclination	40°	40°
Lateral tilt	25°	-
Trendelenburg position	15°	15°
Reverse-Trendelenburg position	13°	15°
Wheels diameter	150 mm	150 mm
Maximum load	250 kg	250 kg
Control options	wired controller, central panel, side rail panels, early mobilization panel, foot controller	wired controller, central panel, side rail panels, early mobilization panel, foot controller

Technologies used in products:

SoftDropPlus™

The SoftDropPlus ™ system guarantees safety and comfort when operating a Famed Żywiec hospital bed. Thanks to the use of gas springs with a slowing mechanism, after releasing the handrail lock, it falls to its lower position in a controlled manner. Thanks to this, the movement is smooth, quiet and safe for the patient. The downward movement of the handrail can be initiated with one hand. Choosing the SoftDropPlus ™ solution saves space on the sides of the bed, because the handrail hides as close as possible to its frame. Side rails have profiled handles to facilitate getting up from a lying position as well as getting out of bed and standing. Dedicated patient keypads have 3D protrusions that facilitate operation for the blind and visually impaired. Dedicated early mobilization system allows you to activate the patient faster.

pSilver™

All ABS elements were made using **pSilver™** technology. The prefabricate contains silver nanoparticles, which we use in the process of plastics production, provides effective bacteriostatic protection. The use of **pSilver™** technology in the places that are most often touched by patients limits the proliferation of dangerous bacteria, fungi or viruses. The **pSilver™** technology also involves a process of plastic element processing providing a smooth surface, whose texture prevents the accumulation of impurities.

SafeDrop™

SafeDrop™ side rails drop below the pallet along their entire length, without creating any obstacle for the patient when leaving the stretcher. Thanks to the wellthought- out structure, the space between the stretcher and a hospital bed or operating table during transfer has been lowered practically to zero. SafeDrop™ side rails perfectly cooperate with the side rails of our beds. This ensures greater patient safety with less physical workload for the staff. **SafeDrop™** side rails can be lowered and raised with only one hand. The streamlined shape and lack of sharp edges ensure safety and prevent cuts and accidental finger pinching.

Famed NEXO (LR-15)	**Famed LP-02.1**	**Famed STRIDER** (WP-09)	**Famed SPARK** (WP-02)
2180 (+325) mm	2190 mm	2125 mm	2040 mm
985 mm	965 mm	825mm	790 mm
390 - 800 mm	500 mm	680 - 650 mm	600 - 900 mm
70°	70°	80°	70°
40°	-	27°	(leg segment) -35°
-	-	-	-
16,5°	-	15°	23°
18,5°	-	15°	12°
150 mm	125 mm	200 mm	200 mm
280 kg	170 kg	250 kg	250 kg
wired controller, central panel, side rail panels, early mobilization panel, foot controller	-	-	-

QuickBrake™

QuickBrake™ is a system designed to support medical staff in critical situations requiring immediate stopping of the stretcher. The medical staff navigating the stretcher with a patient can activate the brake lever in a fraction of a second, stopping it in place and providing a stable position to begin resuscitation procedures. The **QuickBrake™** activation is designed to align with the human body's movement mechanism while operating the stretcher and can be initiated by a simple "kick" with the lower part of the foot. The brake is accessible even for individuals guiding the stretcher from the side.

EasyDrop™

EasyDrop™ is a system designed to ensure maximum safety and comfort when using Famed Żywiec hospital beds. The **EasyDrop™** side rails protect the patient along the entire length of the mattress support pallet, and their height allows safe use of the bed with mattresses up to 230 mm thick. The system designed to slow the drop of the side rails, combined with ergonomically shaped release levers, ensures smooth and controlled lowering below the mattress support platform. The slow-down mechanism enables one-handed operation of the rails, allowing full focus on patient care. Choosing the **EasyDrop™** solution saves space on the sides of the bed, because the side rail hides as close as possible to the bed frame. The ABS material used in their construction provides high durability and rigidity, while integrated control panels, designed for both patients and medical staff, simplify bed positioning. The early patient mobilization system and the backrest angle indicator, integrated into the upper rail, support faster patient recovery.

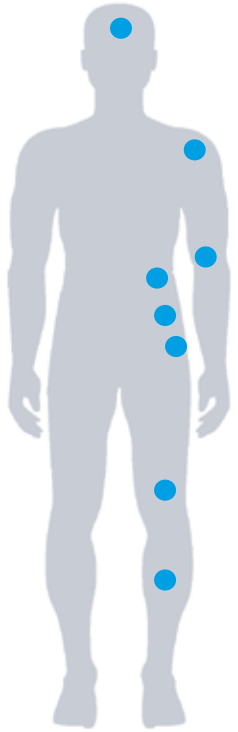
Auto-regression function

The backrest and shin adjustment mechanism is equipped with the lumbar section support reverse movement system, allowing to achieve a comfortable distance between the seat and the shin support segment. This function is defined as the double regression and its purpose is to reduce the excessive pressure within the lumbar and shin section in the sitting position. Excessive pressure on tissues, causing damage to capillary vessels, which results in damaging these tissues and occurrence of wounds and ulcers, is one of the causes of bedsores. The reduction of this excessive pressure is therefore a preventive action in anti-bedsore therapy, supporting quick recovery of the patient.

Bedsores - a global problem

Today, bedsores are the third most costly disease in the world. In the United States only, an estimated 2.5 million patients are affected by bedsores annually, and about 60,000 people die from them. Treating bedsores costs the U.S. health system about $12 billion a year[2]. They are one of the most important clinical problems in patients who are hospitalized, in hospices or nursing facilities - they reduce their quality of life and cause pain and suffering[3].

Bedsores are localized damage to the skin or deep tissues that usually occur in areas of bony protrusion due to pressure or a combination of pressure and tearing[1].



More than 70% of bedsores occur in the lower half of the body, and depending on the position the patient takes, they occur in the area:

- The sacral bone - about 40% of cases;
- Sciatic tumors - about 5% of cases;
- Trocanthers - about 10% of cases;
- Lateral ankles of the shin - about 5% of cases;
- Heel tumors - about 10% of cases[4,5,6].

ONLY 35% OF HOSPITALS MEETS COMFORT AND SAFETY STANDARDS[7]

Famed Żywiec mattresses for hospital beds enable medical facilities to improve standards and reduce the risk of bedsores for patients.

Although the statistics are improving (in 2015 the figure was 74%), still as many as 65% of examined hospitals do not meet the standards defined by an independent organization supervising the health and safety of patients, Leapfrog[7].

The standards concern primarily:

- patients who get bedsores in the hospital

Most of these cases can be avoided, of course, this requires both financial investment and involvement on the part of medical staff and hospital management, which in the long run will result in savings - reducing the risk of bedsores and shortening recovery. Choosing the right anti-decubitus mattresses and Famed Żywiec hospital beds equipped with pSilverTM technology, which limits the spread of bacteria, doubly protects patients from the consequences of the formation and development of bedsores. Studies show that hospital-acquired infections are a serious threat to both patients and medical staff[8]. Prolonged hospitalization, rising medical costs, and the risk of lawsuits can be a heavy burden on a hospital's financial situation.

[1] National Pressure Ulcer Advisory Panel, European Pressure Ulcer Advisory Panel and Pan Pacifi c Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers: Quick Reference Guide. Emily Haesler (Ed.). Cambridge Media: Perth, Australia; 2014
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FOAM
MATTRESSES

Famed **ComfyCare**

FOAM MATTRESS FOR DAILY PATIENT CARE

The mattress is designed for everyday use in medical facilities. The high-density, anti-allergic, and anti-static foam conforms to the patient's body, ensuring optimal comfort and safety. The dual-layer, waterproof cover is resistant to fluid penetration, while its vapor-permeable structure supports proper skin ventilation. The cover is easy to disinfect and resistant to chemical agents, and its antibacterial coating prevents the proliferation and spread of microorganisms. Three available mattress dimensions (1950 × 800 mm, 2000 × 840 mm, and 2060 × 840 mm), along with selectable thickness options (80 / 100 / 120 / 150 mm), allow the product to meet the specific requirements of any healthcare facility.

SAFETY

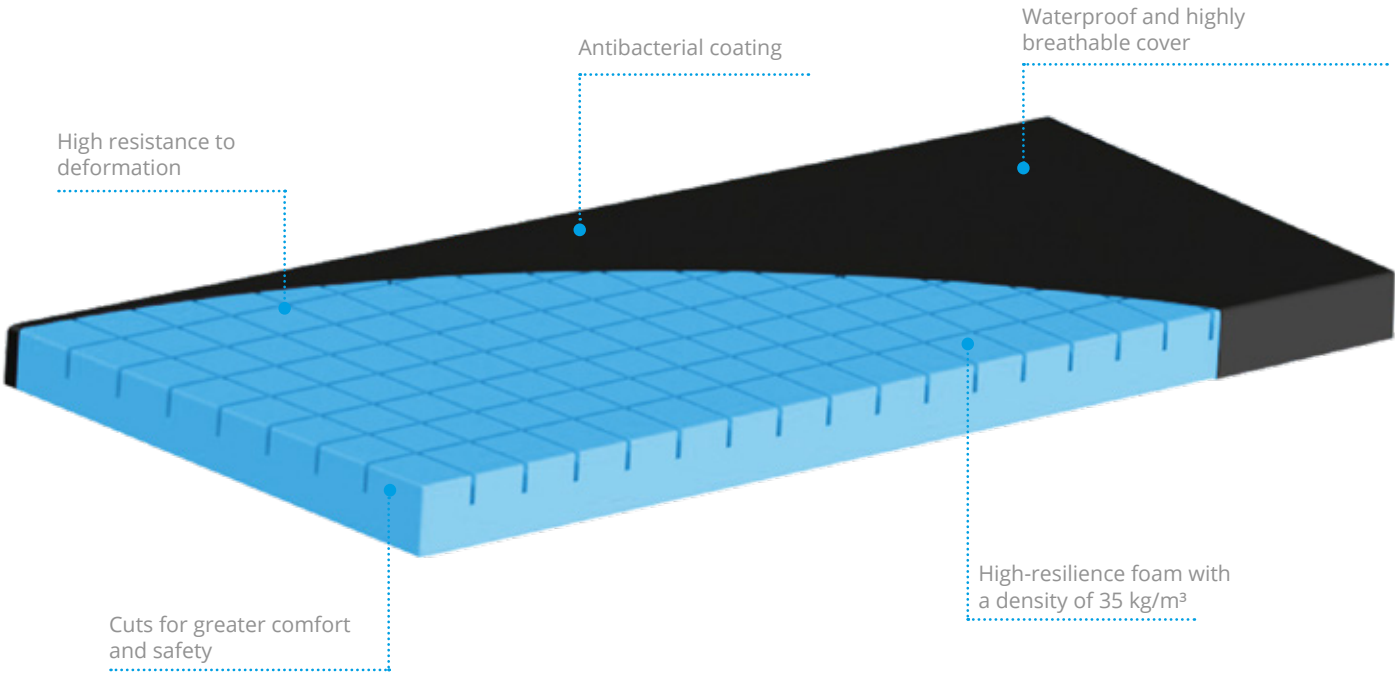
The mattress is made of antistatic and hypoallergenic materials that protect the patient's skin and minimize the risk of allergic reactions. The dual-layer cover safeguards the mattress core against fluid and contaminant penetration, while the sealed zipper enhances hygiene and limits the spread of pathogens. The surface is coated with a durable antibacterial and antifungal layer resistant to disinfectants. The cover reduces shear forces and protects the skin from mechanical damage.

COMFORT

The mattress is made of high-resilience foam with a density of 35 kg/m³, characterized by excellent elasticity and long-term durability. Its multi-cellular structure conforms precisely to the patient's body, ensuring high comfort even during extended hospital stays. The foam features grid-pattern incisions that enhance anatomical contouring and improve pressure distribution. This design provides optimal comfort and support for the patient in any position.

DISINFECTION

The waterproof and breathable cover prevents fluid penetration into the mattress core. The high-quality materials used in its manufacture feature antibacterial and antifungal properties that inhibit the growth of microorganisms. The zipper allows for quick and easy removal of the cover. Its high resistance to most disinfectants commonly used in medical facilities contributes to extended mattress longevity and reduced maintenance costs.



High breathability

Antiseptic cover

Waterproof and vapor-permeable cover

Flexible coating minimizing shear forces

Famed **ComfyCare Plus**

ANTI-BEDSORE FOAM MATTRESS FOR STAGE 2 BEDSORES

High-quality mattress used in the prevention and treatment of bedsores **up to stage 2 (EPUAP)** and the treatment of pain due to their presence. The **four-layer** construction made of foams of different density and thickness with longitudinal and transverse cuts adapts to the shape of the patient's body, reducing pressure on tissues and keeping the patient's skin in a proper condition. Maximum performance of the mattress is ensured by the innovative EvoPore HRC (High Resilience Climate) foam. Four available dimensions of the mattress (1900 x 760 mm, 1960 x 840 mm, 2000 x 850 mm and 2060 x 865 mm) and a choice of its height (12/14/15/16 cm) will allow to satisfy the requirements of any medical institution.

SAFETY

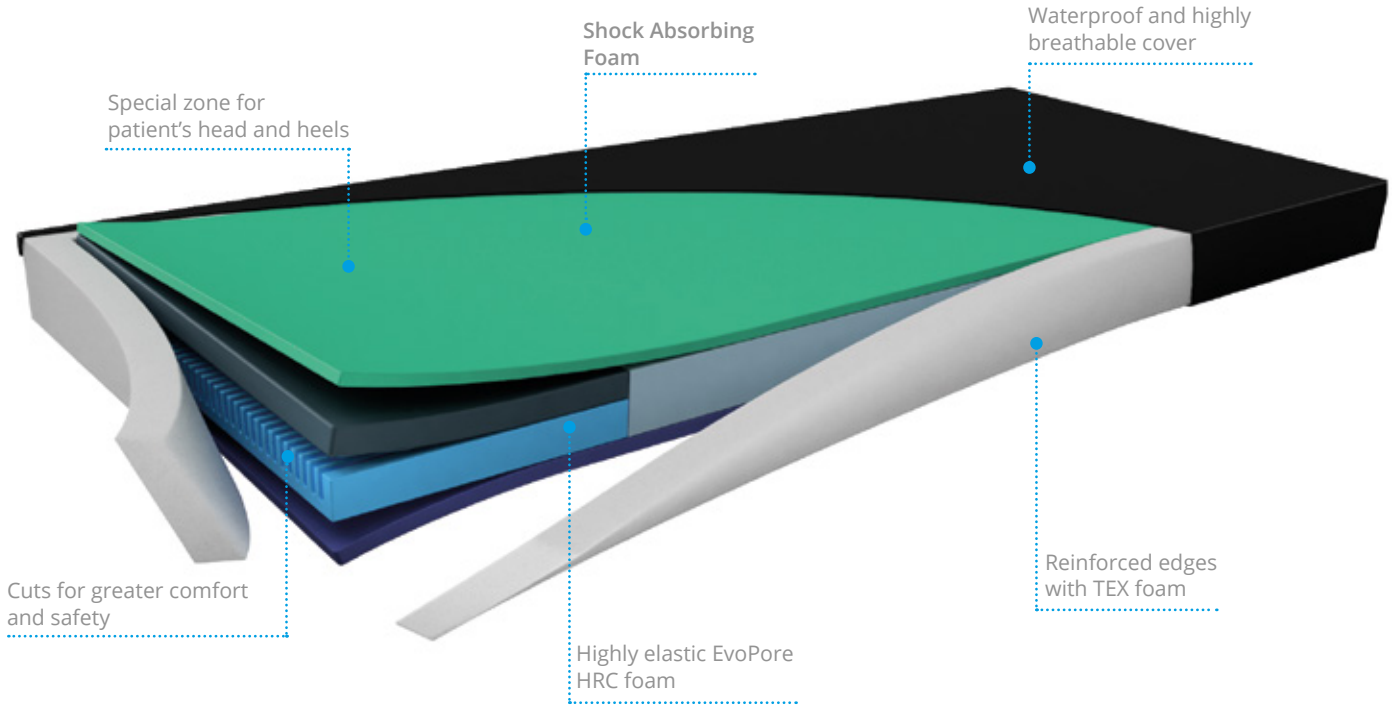
Five types of foam of different densities, are placed in a mattress divided into 3 sections: head, heels and torso. It maintains the ideal distribution of body weight even in extreme positions of patient positioning. **Shock Absorbing Foam** responds very quickly to the pressure applied to it and adapts to the shape of the patient's body, protecting zones at risk of bedsores. The two-layer cover minimizes shear forces and prevents damage to the patient's skin. Stiffer foam placed at the edges stabilizes the patient's position and reduces the risk of falling from the bed.

COMFORT

Highly elastic **EvoPore HRC** (High Resilience Climate) foam ensures a healthy and restful sleep and recovery process. Its multicellular structure perfectly adapts to the patient's body, guaranteeing comfort even during a long stay. The breathable cover keeps the patient's skin in a proper condition. The stiffened TEX foam in the edges of the mattress allows the patient to assume a stable sitting position and helps to maintain balance when getting off the bed. Special cuts in the structure of the mattress ensure continuous airflow and proper conditions for recovery.

DISINFECTION

The waterproof and breathable cover prevents liquids from penetrating the mattress. High-quality materials used to make the cover have antibacterial and antifungal properties that limit the growth of microorganisms. A zipper allows quick removal of the cover. High resistance to all disinfectants used by medical facilities increases the lifespan of the mattress and reduces operating costs.



High breathability | Antiseptic cover | Waterproof and vapor-permeable cover | Flexible coating minimizing shear forces | Patient weight with therapeutic efficiency assurance

HYPER FOAM **Plus**

ANTI-BEDSORE FOAM MATTRESS FOR STAGE 3 BEDSORES

This is a high-quality **two-layer anti-bedsores mattress** used in the treatment of bedsores **up to stage 3 (EPUAP)**. Non-flammable foam with longitudinal and transverse cuts provides maximum patient comfort, prevents bedsores and plays an important role in pain management. The polyurethane waterproof cover prevents liquids from entering and provides adequate breathability to the skin. The surface of the cover reduces friction and prevents tissue damage. The design of the mattress ensures comfort and safety even during long stays in medical facilities.

SAFETY

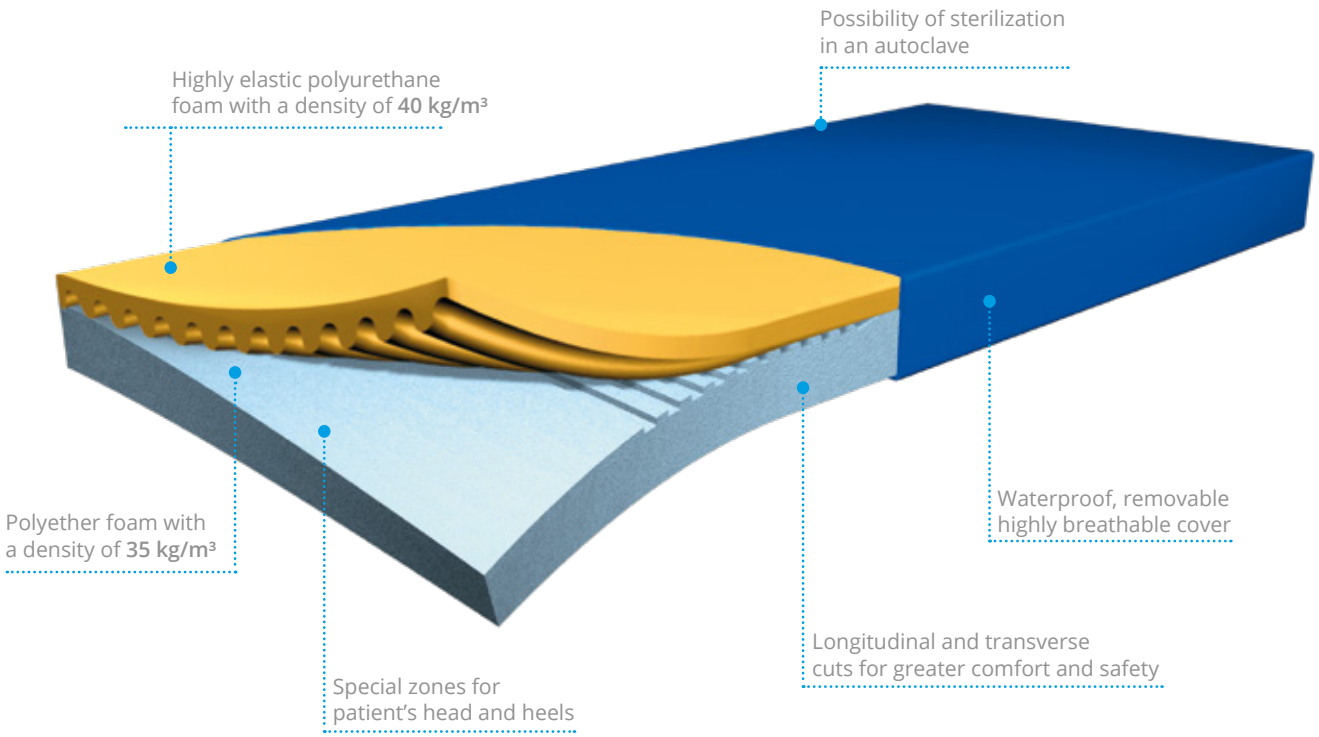
A two-layer foam mattress used in the prevention and treatment of bedsores **up to stage 3** (EPUAP), made of non-flammable foam of different densities and thicknesses. Special zones protect the patient's head and heels from bedsores. The flexible cover, with a surface that prevents the spread of bacteria, minimizes shear forces and protects the patient's skin from damage. Provides therapeutic effectiveness for patients weighing between **20 and 140 kg.**

COMFORT

Highly elastic foam of different densities and thicknesses responds very quickly to the pressure applied, adapting to the shape of the patient's body. The cover made of breathable polyester-polyurethane coating provides comfort to the patient and keeps his skin in a proper condition. The two-layer construction with a **height of 14 cm** and properly selected materials ensure comfort and adequate recovery for patients with an average risk of bedsores.

DISINFECTION

The waterproof and breathable cover prevents liquids from penetrating the mattress. High-quality materials used for the cover ensure its durability even during washing at temperatures **up to 95° C**. A zipper allows quick removal of the cover. High resistance to disinfectants increases the life of the mattress and reduces operating costs. The **possibility of sterilization in an autoclave** guarantees safety and prevents the spread of bacteria and fungi.



High breathability | Possibility of sterilization in an autoclave | Antiseptic cover | Waterproof and vapor-permeable cover | Pressure < 18 mmHg | Flexible coating minimizing shear forces | Non-flammability CRIB5 | Patient weight with therapeutic efficiency assurance

HYPER FOAM **Plus Clinic**

ANTI-BEDSORE FOAM MATTRESS FOR STAGE 3 BEDSORES

This is a high-quality **two-layer** anti-bedsores mattress used in the treatment of bedsores **up to stage 3 (EPUAP).** Additional foam reinforcements placed on the sides of the mattress provide greater stability and eliminate the risk of deformation. Non-flammable foam with longitudinal and transverse cuts provides maximum patient comfort, prevents bedsores and plays an important role in pain management. The polyurethane waterproof cover prevents liquids from penetrating and provides adequate comfort to the skin. The surface of the cover reduces friction and prevents tissue damage. The mattress is designed for patients with **medium risk** of bedsores.

SAFETY

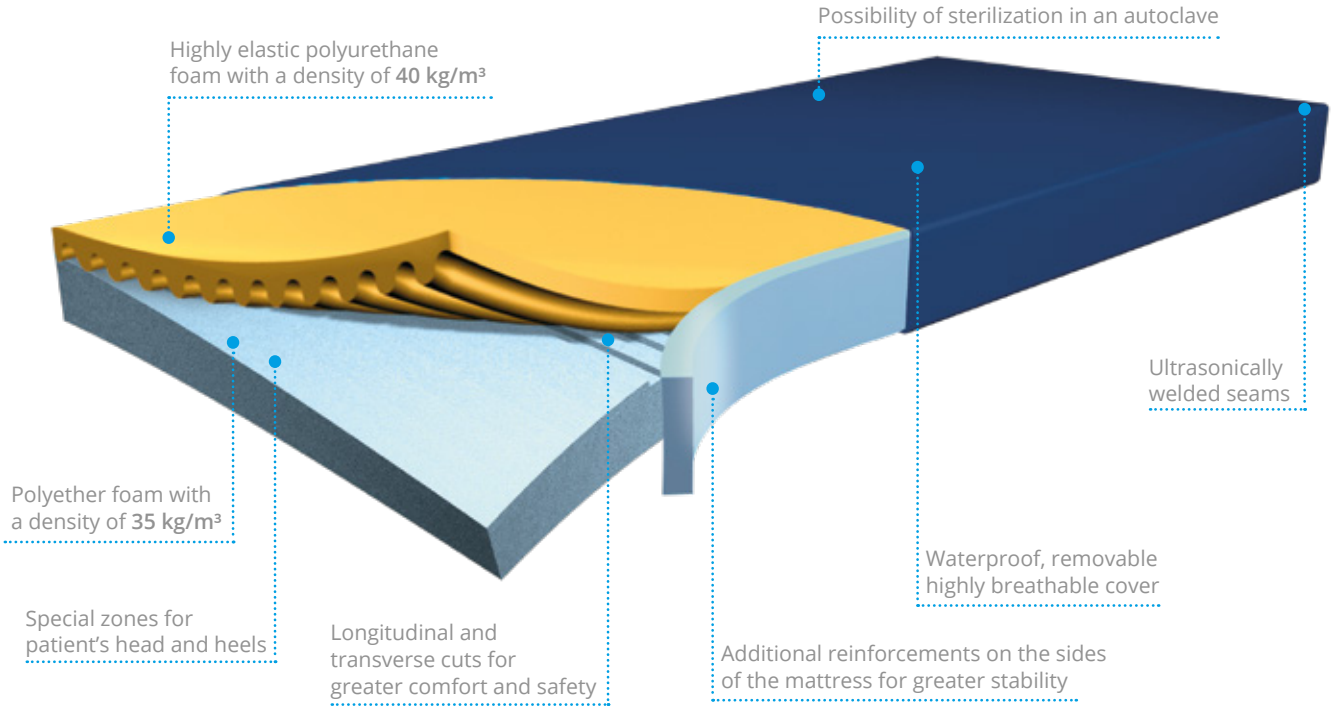
Two-layer foam mattress used in the prevention and treatment of bedsores up to grade 3 (EPUAP) made of non-flammable foam of different density and thickness. Special zones protect the patient's head and heels from bedsores. The flexible cover, with a surface that prevents the spread of bacteria, minimizes shear forces and protects the patient's skin from damage. Provides therapeutic effectiveness for patients weighing between **20 and 140 kg.**

COMFORT

Highly elastic foam of different densities and thicknesses responds very quickly to the pressure applied, adapting to the shape of the patient's body. The stiffened foam in the edges of the mattress allows you to assume a stable sitting position and helps you maintain your balance when getting off the bed. The cover, made of breathable polyester-polyurethane coating, provides comfort to the patient and keeps his skin in a proper condition. The two-layer design with a **height of 14 cm** ensures comfort even during a long hospital stay.

DISINFECTION

The waterproof and breathable cover prevents liquids from penetrating the mattress. High-quality materials used for the cover ensure its durability even during washing at temperatures **up to 95° C.** A zipper allows quick removal of the cover. High resistance to disinfectants increases the life of the mattress and reduces operating costs. The **possibility of sterilization in an autoclave** guarantees safety and prevents the spread of bacteria and fungi.



High breathability | Possibility of sterilization in an autoclave | Antiseptic cover | Waterproof and vapor-permeable cover | Pressure < 18 mmHg | Flexible coating minimizing shear forces | Non-flammability CRIB5 | Patient weight with therapeutic efficiency assurance

HYPER FOAM **2**

ANTI-BEDSORE FOAM MATTRESS FOR STAGE 4 BEDSORES

High-quality mattress used in the prevention and treatment of bedsores **up to stage 4 (EPUAP)** and the treatment of pain due to their occurrence. **Three-layer** construction made of foams of different density and thickness with longitudinal and transverse cuts adapts to the shape of the patient's body, reducing pressure on tissues. The waterproof, breathable cover with a system that minimizes shear forces prevents skin damage, keeping the skin in proper condition. The mattress is designed for use in patients with a **very high risk** of bedsores.

SAFETY

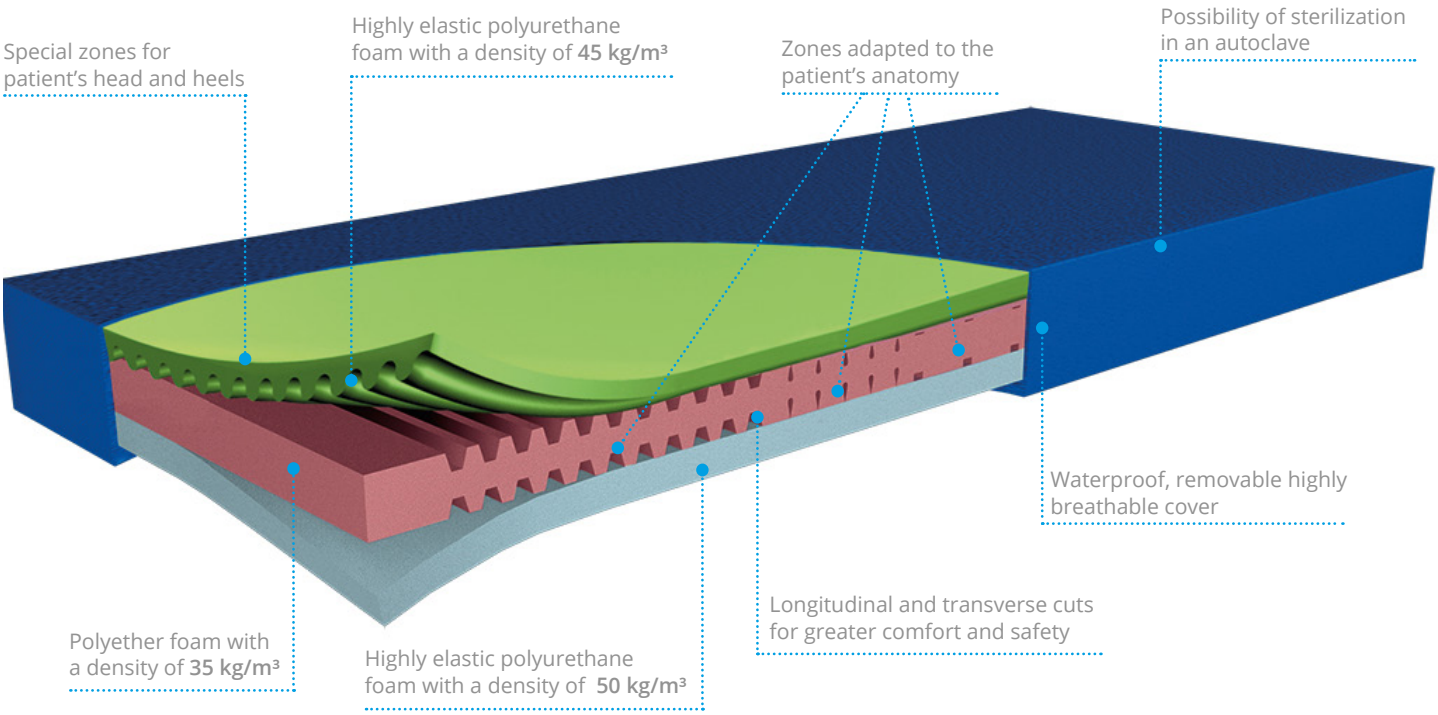
Three-layer foam mattress used in the prevention and treatment of bedsores **up to stage 4 (EPUAP)** made of non-flammable foam of different density and thickness. Special zones protect the patient's head and heels from bedsores. The flexible cover, with a surface that prevents the spread of bacteria, minimizes shear forces and protects the patient's skin from damage. Provides therapeutic effectiveness for patients weighing between **20 and 150 kg.**

COMFORT

High-elastic foam of different densities and thicknesses responds very quickly to the pressure applied, adapting to the shape of the patient's body. The cover made of breathable polyester-polyurethane coating provides comfort to the patient and keeps his skin in proper condition. The three-layer construction with a **height of 15 cm** and properly selected materials ensure comfort and good convalescence even during a long stay in a medical institution.

DISINFECTION

The waterproof and breathable cover prevents liquids from penetrating into the mattress. High-quality materials used for the cover ensure its durability even during washing at temperatures **up to 95° C.** A zipper allows quick removal of the cover. High resistance to disinfectants increases the life of the mattress and reduces operating costs. The **possibility of sterilization in an autoclave** guarantees safety and prevents the spread of bacteria and fungi.



High breathability | Possibility of sterilization in an autoclave | Antiseptic cover | Waterproof and vapor-permeable cover | Pressure < 18 mmHg | Flexible coating minimizing shear forces | Non-flammability CRIB5 | Patient weight with therapeutic efficiency assurance

HYPER FOAM **2 Clinic**

ANTI-BEDSORE FOAM MATTRESS FOR STAGE 4 BEDSORES

High-quality mattress used in the prevention and treatment of bedsores **up to stage 4 (EPUAP)** and the treatment of pain associated with their occurrence. **Three-layer** construction made of foams of different density and thickness with longitudinal and transverse cuts adapts to the shape of the patient's body, reducing pressure on tissues. The waterproof, breathable cover with a system that minimizes shear forces prevents skin damage, keeping the skin in good condition. The mattress is designed for use in patients with a **very high risk** of bedsores.

SAFETY

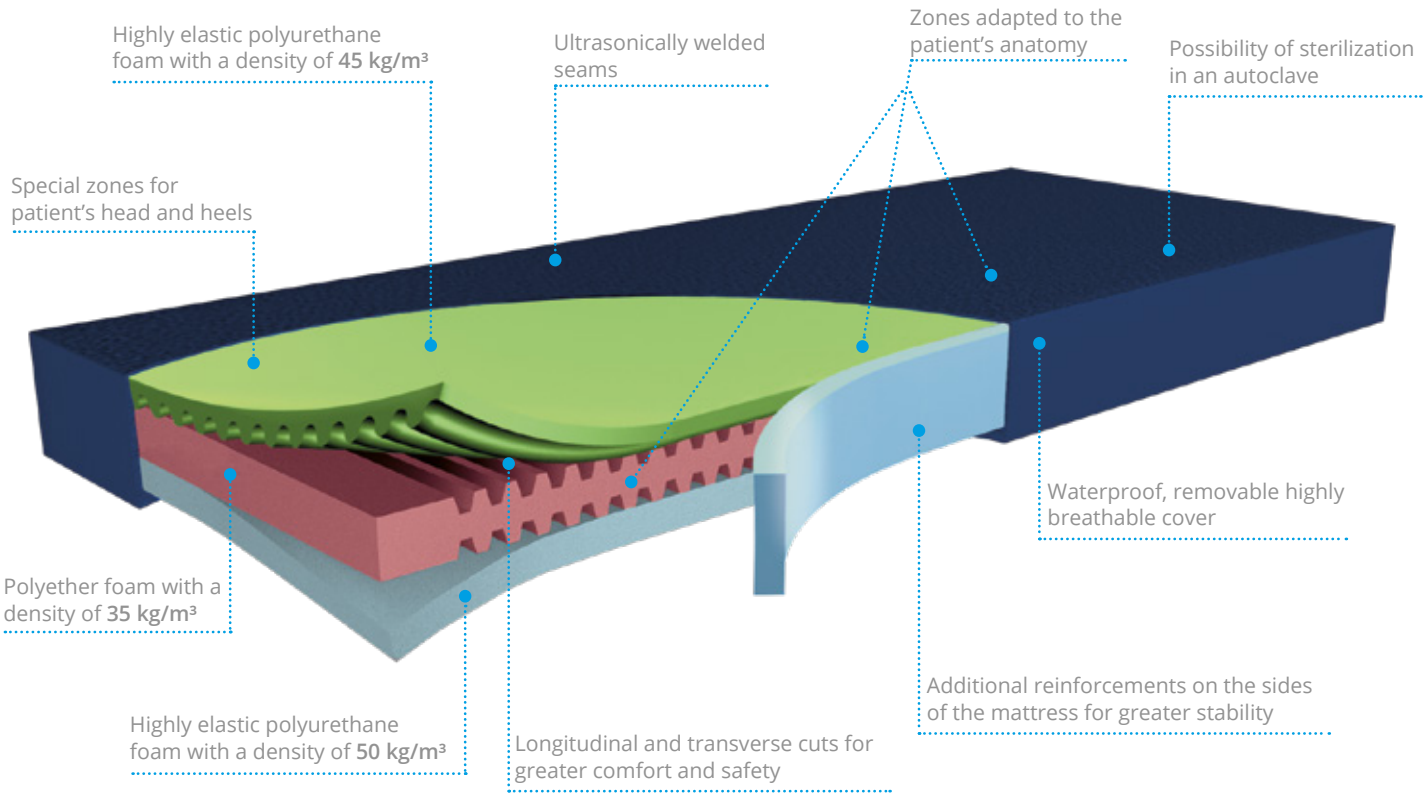
Three-layer foam mattress used in the prevention and treatment of bedsores **up to stage 4 (EPUAP)** made of non-flammable foam of different density and thickness. Special zones protect the patient's head and heels from bedsores. The flexible cover, with a surface that prevents the spread of bacteria, minimizes shear forces and protects the patient's skin from damage. Provides therapeutic effectiveness for patients weighing between **20 and 150 kg.**

COMFORT

High-elastic foam of different densities and thicknesses responds very quickly to the pressure applied, adapting to the shape of the patient's body. The cover made of breathable polyester-polyurethane coating provides comfort to the patient and keeps his skin in a proper condition. The three-layer construction with a **height of 15 cm** and properly selected materials ensure comfort and the good convalescence even during a long stay in a medical institution.

DISINFECTION

The waterproof and breathable cover prevents liquids from penetrating into the mattress. High-quality materials used for the cover ensure its durability even during washing at temperatures **up to 95° C.** A zipper allows quick removal of the cover. High resistance to disinfectants increases the life of the mattress and reduces operating costs. The **possibility of sterilization in an autoclave** guarantees safety and prevents the spread of bacteria and fungi.



High breathability | Possibility of sterilization in an autoclave | Antiseptic cover | Waterproof and vapor-permeable cover | Pressure < 18 mmHg | Flexible coating minimizing shear forces | Non-flammability CRIB5 | Patient weight with therapeutic efficiency assurance

MAXX **250**

ANTI-BEDSORE FOAM MATTRESS FOR STAGE 4 BEDSORES

High-quality mattress used in the prevention and treatment of bedsores **up to stage 4 (EPUAP)** and the treatment of pain due to their occurrence. **Three-layer** construction made of foams of different density and thickness with longitudinal and transverse cuts adapts to the shape of the patient's body, reducing pressure on tissues. The waterproof, breathable cover with a system that minimizes shear forces prevents skin damage, keeping the skin in good condition. The mattress is designed for use in patients with a **very high risk** of bedsores.

SAFETY

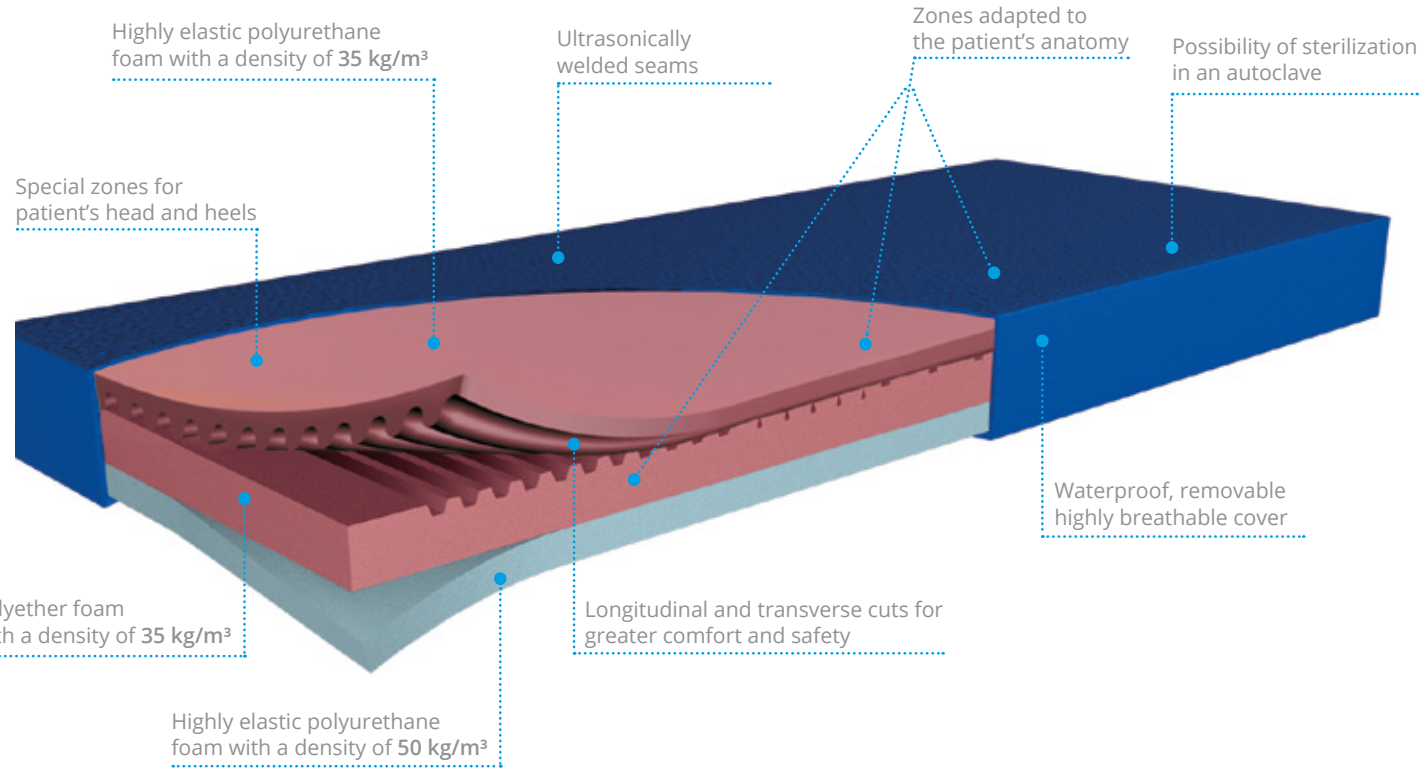
Three-layer foam mattress used in the prevention and treatment of bedsores **up to stage 4** (EPUAP) made of non-flammable foam of different density and thickness. Special zones protect the patient's head and heels from bedsores. The flexible cover, with a surface that prevents the spread of bacteria, minimizes shear forces and protects the patient's skin from damage. Provides therapeutic effectiveness for patients weighing **40 to 250 kg.**

COMFORT

Highly elastic foam of different densities and thicknesses responds very quickly to the pressure applied, adapting to the shape of the patient's body. The cover made of breathable polyester-polyurethane coating provides comfort to the patient and keeps his skin in a proper condition. The three-layer structure with a **height of 18 cm** and appropriately selected materials ensure comfort and adequate recovery even during a long stay in a medical facility.

DISINFECTION

The waterproof and breathable cover prevents liquids from penetrating the mattress. High-quality materials used for the cover ensure its durability even during washing at temperatures **up to 95° C.** A zipper allows quick removal of the cover. High resistance to disinfectants increases the life of the mattress and reduces operating costs. The **possibility of sterilization in an autoclave** guarantees safety and prevents the spread of bacteria and fungi.



High breathability | Possibility of sterilization in an autoclave | Antiseptic cover | Waterproof and vapor-permeable cover | Pressure < 18 mmHg | Flexible coating minimizing shear forces | Non-flammability CRIB5 | Patient weight with therapeutic efficiency assurance

HYPER AIR **Hybrid**

ANTI-BEDSORES HYBRID MATTRESS FOR STAGE 4 BEDSORES

This is a high-quality **hybrid bedsores mattress** used in the treatment of bedsores **up to stage 4 (EPUAP)**. The combination of two types of non-flammable foam with **8 adjustable air chambers** provides maximum patient comfort, prevents bedsores and plays an important role in pain management. The polyurethane waterproof cover prevents liquids from penetrating and provides the skin with good breathability. The surface of the cover reduces friction and prevents tissue damage. The design of the mattress ensures comfort and safety even during long stays in medical facilities. **The mattress does not need to be plugged in**.

SAFETY

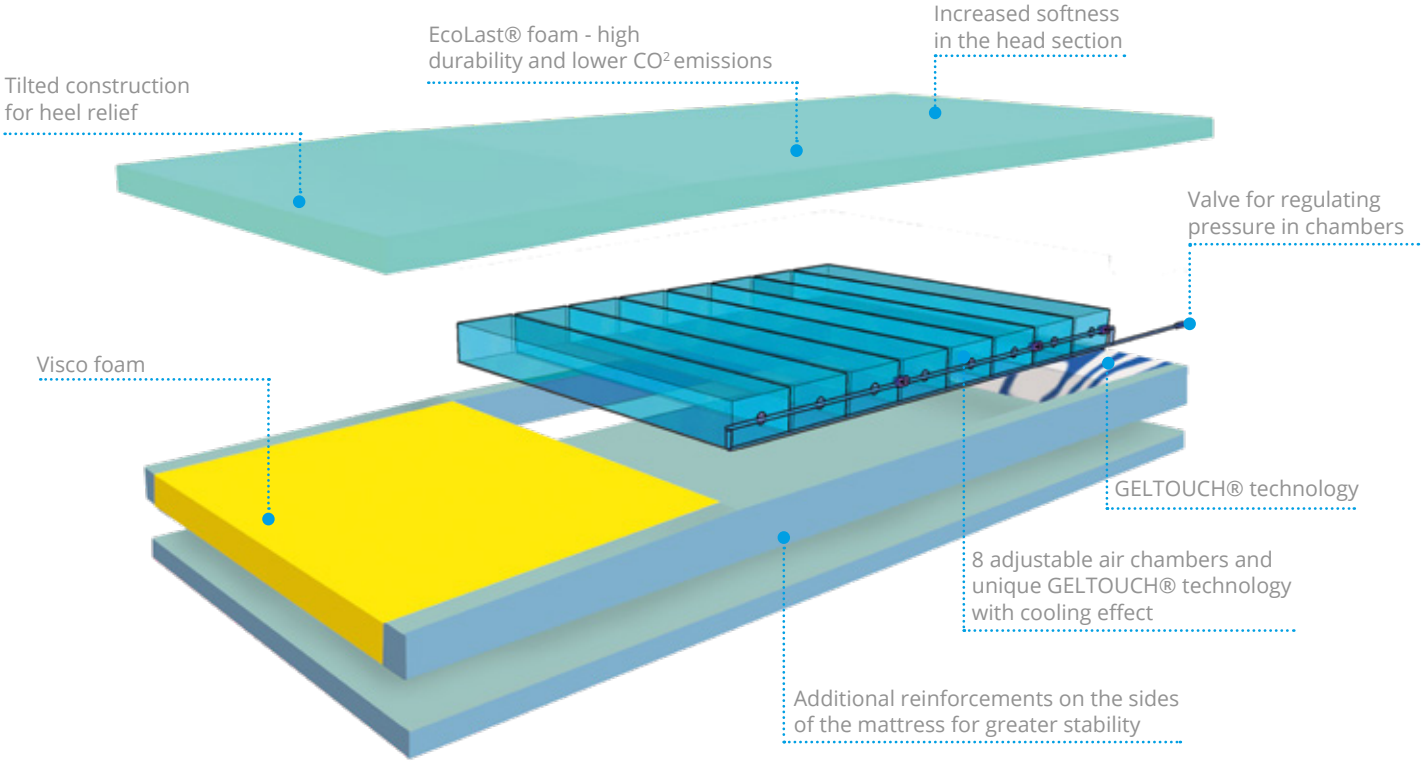
Hybrid mattress used for the prevention and treatment of bedsores **up to stage 4 (EPUAP)**. EcoLast® foam combined with a pressure-adjustable self-filling air insert and high-elastic foam in the leg section ensure safety even during a long stay. The flexible cover with a surface that prevents the spread of bacteria, minimizes shear forces and protects the patient's skin from damage. Provides therapeutic effectiveness for patients weighing **0 to 250 kg.**

COMFORT

The 8 air chambers in the torso and head sections self-fill with air to the maximum level (without the patient) and automatically adjust the pressure to the patient's weight with an adjustable valve. **GELTOUCH® technology** with cooling effect means even more comfort for the patient's skin. Increased softness in the head area, a tilted surface and an extra layer of foam in the heel area ensure adequate recovery for patients at **high risk** of bedsores.

DISINFECTION

The waterproof and breathable cover with ultrasonically welded seams prevents liquids from penetrating the mattress. High-quality materials used for the cover ensure its durability even during washing at temperatures **up to 95° C.** A zipper allows quick removal of the cover. High resistance to disinfectants increases the life of the mattress and reduces operating costs. The p**ossibility of sterilization in an autoclave** guarantees safety and prevents the spread of bacteria and fungi.



High breathability | Possibility of sterilization in an autoclave | Antiseptic cover | Waterproof and vapor-permeable cover | Pressure < 18 mmHg | Flexible coating minimizing shear forces | Non-flammability CRIB5 | Patient weight with therapeutic efficiency assurance

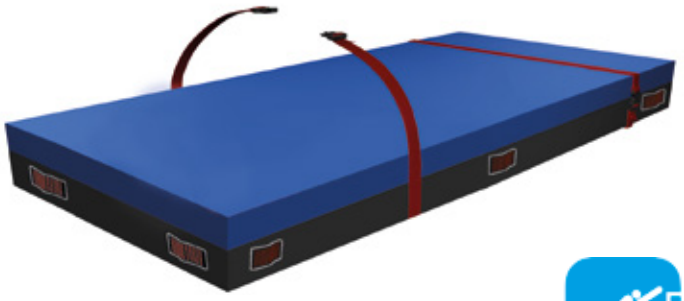
FOAM **MATTRESSES**

WITH EVACUATION FUNCTION

All-in-one solution:

- mattress
- anti-bedsore system
- evacuation function

The anti-decubitus mattresses with evacuation function are a comprehensive solution that will be perfect in crisis situations, such as a fire. The ability to quickly transport a patient from an endangered area is a guarantee of safety for both the patient and medical personnel.



SAFE, FAST AND COMFORTABLE

- Intuitive straps with quick release system allow you to secure the patient safely and quickly for transport;
- 8 rescue handles located on the sides allow the mattress to be pulled off the bed along with the patient and transported into a safe place;
- Reinforced sides for better stability;
- Special material on the bottom of the cover reduces friction, so the mattress easily slides on the floor or escape staircase;
- The design of the mattress allows one person to evacuate the patient;
- Evacuation with mattresses does not require the use of other equipment and allows the evacuation to be performed over some obstacles such as stairs and doorsteps;
- A comprehensive solution saves resources and time, which is so important in the case of an evacuation.

evAQ **PRO** II

ANTI-BEDSORE FOAM MATTRESS WITH EVACUATION FUNCTION

It's an **all-in-one** solution that combines the features of a high-quality anti-decubitus mattress **with an evacuation function**. The mattress, made of **three-layer foam** with longitudinal and transverse cuts, reduces pressure on tissues, so it can be used for bedsores therapy **up to stage 4 (EPUAP),** as well as bedsores prevention and pain management. A waterproof breathable cover with a system that minimizes shear forces keeps the skin in proper condition. The evacuation function allows you to quickly transfer the patient from the hospital bed to a transport stretcher or, if a stretcher ride is not possible, transport the patient directly on the mattress.

SAFETY

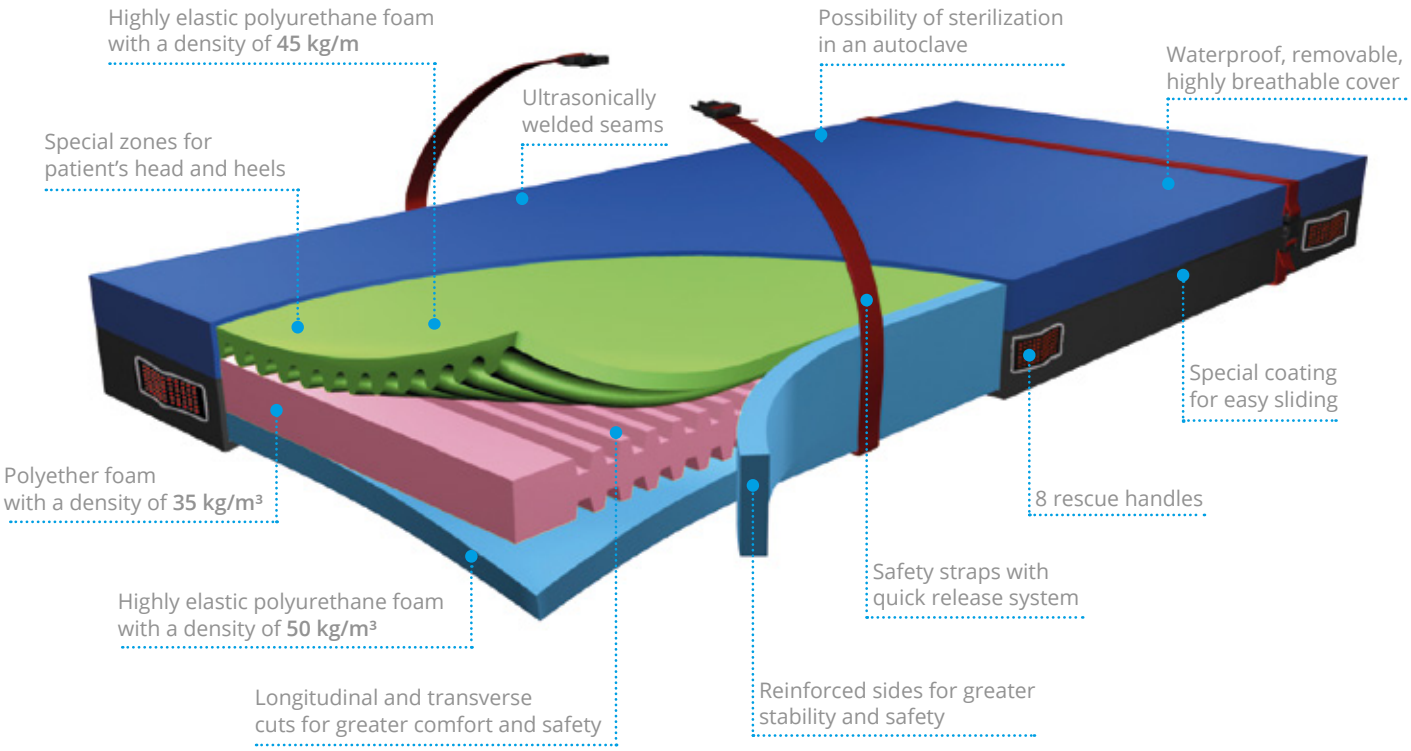
Three-layer foam mattress used in the prevention and treatment of bedsores up **to stage 4 (EPUAP)** made of non-flammable foam of different density and thickness. Special zones protect the patient's head and heels from bedsores. Provides therapeutic effectiveness for patients weighing from **0 to 150 kg**. Patient **evacuation function** allows the patient to be quickly and safely transported from the affected area. Straps with a quick-release fastening system allow you to instantly secure the patient for transport, protecting his body from injury.

COMFORT

Highly elastic foam responds very quickly to the pressure applied by adapting to the shape of the patient's body. The cover made of breathable polyester-polyurethane coating minimizes shear forces, protects the patient's skin from damage and keeps it in proper condition. The three-layer construction with a **height of 15 cm** and properly selected materials ensure comfort and adequate recovery even during a long stay in a medical facility. Designed for patients with a **very high risk** of bedsores.

DISINFECTION

The waterproof cover prevents liquids from penetrating into the mattress. High-quality materials used for the cover ensure its durability even during washing at temperatures **up to 95° C**. A zipper allows quick removal of the cover. High resistance to disinfectants increases the life of the mattress and reduces the cost of operation. The **possibility of sterilization in an autoclave** and antibacterial coating guarantee safety and prevent the spread of bacteria and fungi.



High breathability | Possibility of sterilization in an autoclave | Antiseptic cover | Waterproof and vapor-permeable cover | Pressure < 18 mmHg | Flexible coating minimizing shear forces | Non-flammability CRIB5 | Patient weight with therapeutic efficiency assurance | Evacuation function

evAQ PRO XL

BARIATRIC ANTI-BEDSORE MATTRESS WITH EVACUATION FUNCTION

This solution combines the features of a high-quality mattress for bedsores therapy in patients up to 250 kg with an evacuation function. The three-layer construction made of foams of different densities and thicknesses with longitudinal and transverse incisions reduces pressure on tissues, which allows the mattress to be used for bedsores therapy up to stage 4 (EPUAP), as well as bedsores prevention and pain management. The waterproof breathable cover with a system that minimizes shear forces keeps the skin in good condition. The evacuation function allows you to quickly transfer the patient from the hospital bed to a transport stretcher or, if a stretcher ride is not possible, transport the patient directly on the mattress.

SAFETY

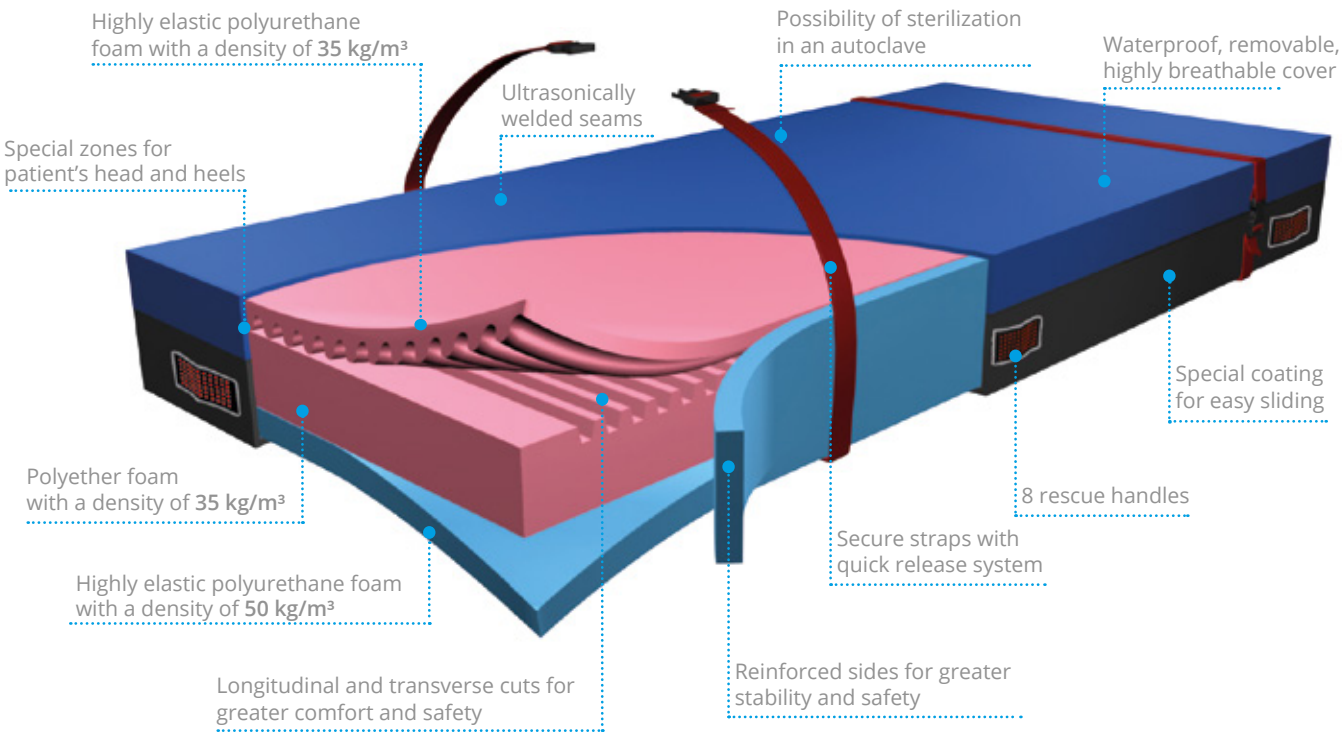
Three-layer foam mattress used in the prevention and treatment of bedsores **up to stage 4 (EPUAP)** made of non-flammable foam of different density and thickness. Special zones protect the patient's head and heels from bedsores. Provides therapeutic effectiveness for patients weighing **from 40 even up to 250 kg**. The **patient evacuation function** allows the patient to be quickly and safely transported from the endangered area. Straps with a quick release system allow you to quickly secure the patient for transport, protecting his body from injury.

COMFORT

Highly elastic foam reacts very quickly to the pressure applied, adapting to the shape of the patient's body. The cover made of breathable polyester-polyurethane coating minimizes shear forces, protects the patient's skin from damage and keeps it in proper condition. The three-layer construction with a **height of 18 cm** and properly selected materials ensure comfort and adequate recovery even during a long stay in a medical facility. Designed for people with **a very high risk** of bedsores.

DISINFECTION

The cover prevents liquids from penetrating into the mattress. High-quality materials used for the cover ensure its durability even during washing at temperatures up **to 95° C.** A zipper allows quick removal of the cover. High resistance to disinfectants increases the life of the mattress and reduces operating costs. **The possibility of sterilization in an autoclave** and antibacterial coating guarantee safety and prevent the spread of bacteria and fungi.



High breathability | Possibility of sterilization in an autoclave | Antiseptic cover | Waterproof and vapor-permeable cover | Pressure < 18 mmHg | Flexible coating minimizing shear forces | Non-flammability CRIB5 | Patient weight with therapeutic efficiency assurance | Evacuation function

VARIABLE
PRESSURE MATTRESSES

FAMED **CareSafe™**

VARIABLE PRESSURE MATTRESS FOR BEDSORES THERAPY WITH PUMP

Automatic variable-pressure mattress filled with 17 independent air chambers powered by a pump. An additional foam pad protects the patient in case of damage to any of the chambers. The mattress is designed for use with patients with a very high risk of bedsores and for therapy up to stage 4 (EPUAP). The quiet mode of the pump, which injects 8 liters of air per minute into the chambers, allows for peaceful sleep and recovery. Variable or continuous low-pressure therapy mode and a system of automatic pressure adjustment according to the patient's weight (up to 250 kg) ensure high therapeutic effectiveness. The waterproof and vapor-permeable coating keeps the patient's skin from damage and keeps it in good condition.

SAFETY

The high-density foam and 17 individual air chambers ensure that the system functions properly even when individual units are damaged. Intelligent redistribution of pressure points on the largest areas of the body and minimization of tissue compression in the zones most prone to bedsores ensure safety and effective recovery. High-quality antibacterial and flexible cover reduces friction and prevents skin damage. Two CPR valves allow for immediate rescue procedures.

COMFORT

The multi-chamber system with two modes responds quickly to the pressure applied and adapts to the shape of the patient's body. The polyester-polyamide cover minimizes shear forces and keeps the patient's skin in proper condition. An additional layer of foam and division into two main anatomical zones provides comfort and speeds up recovery. Extremely quiet pump mode (less than 35 dB) ensures peaceful sleep and does dim the sounds of other medical equipment. A removable disinfectant-resistant cover, power cord management straps or maximum-fill mode make the work of medical personnel more convenient.

FUNCTIONALITY

The variable low-pressure therapy mode fills and empties two cells of the mattress alternately, except for the units located in the head section. Based on the patient's weight, the pump calculates the air pressure needed to fill the cells, ensuring appropriate therapeutic conditions. A continuous low-pressure therapy mode continuously maintains the preset pressure. The maximum-fill mode quickly inflates the cells to a maximum firmness, making it easier to move and reposition the patient. The pump operates at four adjustable cycle times: 10, 15, 20 and 25 minutes. The mattress is designed to support patients weighing up to 250 kg.

High breathability

Antiseptic coating

Waterproof and vapor-permeable coating

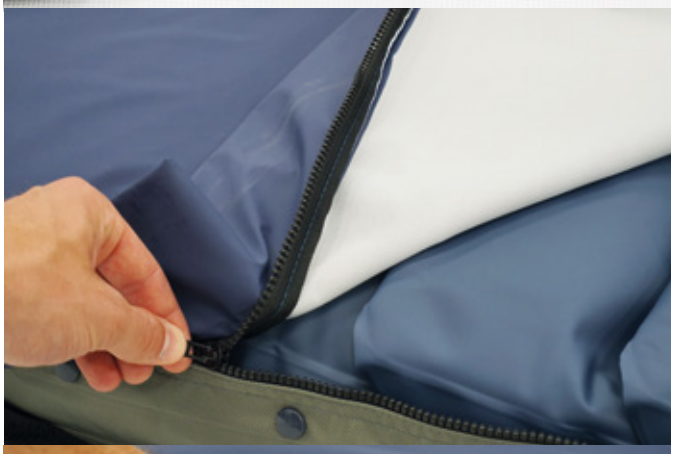
Pressure 22-55 mmHg

Flexible coating minimizing shear forces

Maximum patient weight

PUMP SPECIFICATION:

- The pump with a capacity of 8 liters per minute fills the mattress from zero to maximun mode in 22 minutes.
- Variable mode of low-pressure therapy: the chambers are filled and emptied alternately series of two, except for the chambers located in the patient's head area.
- Continuous (static) low-pressure therapy mode: a fixed pressure is maintained in the chambers continuously.
- Automatically calculates and adjusts the pressure and firmness of the mattress accordi to the patient's weight.
- The maximum filling mode allows the chambers to quickly fill to the maximum pressure (firmness) of the mattress, making it easier to move and reposition the patient.
- The possibility of additional filling of the seat zone increases pressure in the air chambe located near the sacrum, making it easier for the patient to support and sit on the mattress.
- Four adjustable cycle times: 10, 15, 20 and 25 minutes.
- Automatic locking of the pump panel after 5 minutes of no activity to prevent unintende actions.
- Two CPR valves allow immediate release of air from the chambers in emergency situations: a CPR valve in the pump and in the air connection to the mattress.
- The transport connector cap can maintain air pressure in the chambers for up to 12 hours.
- Very silent operation.
- The pressure range is 20 to 55 mmHg.



KEY FEATURES:

- 17 individual, removable air chambers.
- Additional foam support for greater stability and safety.
- Efficient pump with silent operating mode.
- Two-part zippered cover - two 180° zippers.
- Eight cable management ties with fastening clip protect cables from damage
- The safety straps at the bottom of the cover allow you to attach the mattress to the bed.
- Waterproof, double-layer cover.
- Four handles for easy carrying of the mattress.
- Three pump modes: continuous low-pressure therapy mode, variable low-pressure therapy mode and maximum filling mode.
- Four adjustable work cycles.

Technical data:	FOAM MATTRESSES				
	Famed **ComfyCare** (MC-28)	Famed **ComfyCare Plus** (MP-01)	HYPER FOAM **Plus**	HYPER FOAM **Plus Clinic**	HYPER FOAM **2**
Length (mm)	1950/2000/2060	1900/1960/2000/2060	2000	2000	2000
Width (mm)	800/840	760/840/850/865	850	850	850
Thickness (mm)	80/100/120/150	120/140/150/160	140	140	150
Maximum patient weight	250 kg	200 kg	140 kg	140 kg	150 kg
Stage of bedsores EPUAP	-	up to stage 2	up to stage 3	up to stage 3	up to stage 4
Risk of bedsores	-	medium	medium	medium	very high
Mattress layers	1	4	2	2	3
Edge reinforcement	nie	yes	no	yes	no
Waterproof	tak	yes	yes	yes	yes
Non-flammability	nie	yes	yes - CRIB5	yes - CRIB5	yes - CRIB5
Autoclave sterilization	nie	no	yes	yes	yes
Patient evacuation function	nie	no	no	no	no
Cover	polyester, polyurethane	polyester, polyurethane	polyester, polyurethane	polyester, polyurethane	polyester, polyurethane
Filling	highly elastic polyurethane foam	highly elastic EvoPore HRC foam, shock-absorbing SAF 6060 foam, stiffened TEX foam	highly elastic polyurethane foam, polyether foam	highly elastic polyurethane foam, polyether foam	highly elastic polyurethane foam, polyether foam

			FOAM MATTRESSES WITH EVACUATION FUNCTION		VARIABLE PRESSURE MATTRESSES
HYPER FOAM **2 Clinic**	MAXX **250**	HYPER AIR® **Hybrid**	evAQ **PRO II**	evAQ **PRO XL**	Famed **CareSafe™**
2000	2000	1960/2000	2000	2000	2000
850	850	860	850	850	850
150	180	160	150	180	200
150 kg	250 kg	250 kg	150 kg	250 kg	250 kg
up to stage 4	up to stage 4	up to stage 4	up to stage 4	up to stage 4	up to stage 4
very high	very high	very high	very high	very high	high
3	3	3	3	3	2
yes	no	yes	yes	yes	no
yes	yes	yes	yes	yes	yes
yes - CRIB5	yes - CRIB5	yes - CRIB5	yes - CRIB5	yes - CRIB5	yes - CRIB5
yes	yes	yes	yes	yes	no
no	no	no	yes	yes	yes
polyester, polyurethane	polyester, polyurethane	polyester, polyurethane	polyester, polyurethane	polyester, polyurethane	polyurethane, polyamide
highly elastic polyurethane foam, polyether foam	highly elastic polyurethane foam, polyether foam	EcoLast® foam, VISCO foam, 8 self-filling air chambers	highly elastic polyurethane foam, polyether foam	highly elastic polyurethane foam, polyether foam	polyurethane foam, 17 individual air chambers

INSERTS TEMPLATES

BASIC INSERTS FOR PLASTIC HEAD AND FOOT BOARDS

Basic designs of inserts for hospital beds

Blue triangles
Standard inserts for Famed NEXO

Horizon Blue
Standard inserts for Famed NOBILIS

Geometric blue
Standard inserts for Famed NANO

Magnolia flower
Standard inserts for Famed FREYA

Basic colors of inserts for hospital beds

Sailor blue

Aquamarine

Classic blue

Alabaster

Famed blue

Sunny yellow

Turquoise

Fuchsia rosse

NON-STANDARD, EXTRA PAID INSERTS
FOR PLASTIC HEAD AND FOOT BOARDS*

No. 001 Aster

No. 002 Grass

No. 003 Mountains

No. 004 Forest

No. 005 Cyber blue

No. 006 Poligonal blue

No. 007 Poligonal green

No. 011 Colorful style

No. 009 Children

No. 010 Animals

PERSONALIZE THE INSERTS
FOR YOUR HOSPITAL OR DELIVERY BED

You can design your own unique template of overprints on the headboard/footboard and side rails.
Browse our gallery or create your own design and allow us to implement it*.

* Extra paid inserts (+ extra time needed to create design & printout - 6 weeks)