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Famed **STRIDER**

Ergonomic, two-column
patient transport stretcher

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The products have been made from
materials with antibacterial properties.

Famed **STRIDER**

An ergonomic, two-column patient transport stretcher created just for you!

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. 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. The transparent HPL mattress platform allows imaging with a C-arm or mobile X-ray system. The special mattress and zero transfer gap enable fast and safe patient transfers to an operating table or a hospital bed.

SAFETY AND COMFORT AT THEIR BEST

- The side rails secure the patient over a length of 1480 mm - free from any sharp edges and dangerous points that could lead to hands entrapment.
- A high maximum safe working load (SWL) of **250 kg** allows for safe transport of heavier patients.
- Large (**200 mm** in diameter) wheels make it easy to move the stretcher with the patient and ensure stability on uneven surfaces.
- The emergency **QuickBrake**™ system allows immediate stopping of the stretcher and quick action in life-threatening situations.
- The central wheel lock, accessible from all sides, allows the stretcher to be safely stopped at any time.
- Zero transfer gap between stretcher and bed during patient transfer.
- Plastic bumpers protect the stretcher and hospital interior from damage.

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.
- The well thought-out design allows for the installation of additional accessories: monitor shelf, IV poles, dedicated oxygen tank holder and a fifth wheel.
- Foldable IV poles can also be used as handles for transporting the stretcher.
- Easy positioning with the option of a two or four section bed.
- Manual operation eliminates the need for electrical connection.

EASY AND QUICK DISINFECTION

- The antibacterial **pSilver**™ technology in plastic and varnished components of the **Famed STRIDER** prevents the spread of microbes.
- The columnar construction minimizes the number of construction elements where dirt can accumulate.
- The stretcher is made of high quality materials with a smooth texture that makes it easy to disinfect and maintain cleanliness.
- Easy to disinfect HPL panels cover over 90% of the mattress platform surface.
- The base cover is made of chemically resistant ABS plastic.
- A waterproof mattress prevents the penetration of liquids.
- Easy-to-disinfect stylon straps.

DESIGNED WITH MEDICAL PERSONNEL IN MIND

- Ergonomic push handles on the both ends provide firm grip and support during transport.
- Increased space around the patient's head and feet thanks to foldable push handles.
- Customisation options to meet the needs of medical staff.
- Reinforced, foldable IV poles on the patient's head can be used as push handles (optional).
- Back and thigh section* positioning supported by a gas spring with a lock.
- Lower leg section adjustment by means of a convenient and user-friendly locking mechanism*.
- Effortless height adjustment, Trendelenburg and Anti-Trendelenburg positions controlled by foot levers supported by a hydraulic system.
- Large wheels, one directional wheel, optional fifth wheel and contoured handles for easy movement from point A to point B.

* Applies to Famed STRIDER WP-09.1 patient transport trolley with four-section bed.

MOBILITY

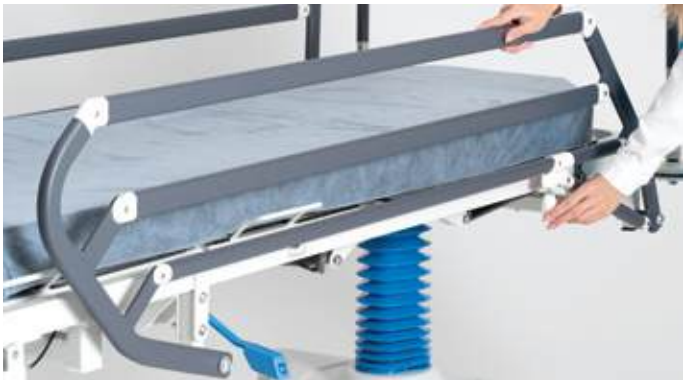
The patient transport stretcher that keeps up with you and supports you in your daily work, allowing for smooth patient transfer between departments. It is perfect wherever the time and reliability are crucial. See the Famed STRIDER in action and take advantage of all the possibilities offered by this modern design.

Push handles

The integrated push handles (WW-09.3) on both sides of the stretcher provide secure grip and support for hands during transportation through hospital corridors.

Foldable hand grips

The ability to quickly fold the push handles will provide you with unrestricted access to the patient in any situation. When folded, the handles drop below the mattress, allowing for a full range of motion during patient handling.



Side rails

The PB-10.93 side rails, made from high quality steel, provide a perfect hand support when guiding the stretcher from the side, making it easier to navigate when used by more than one person.

Additional grip points

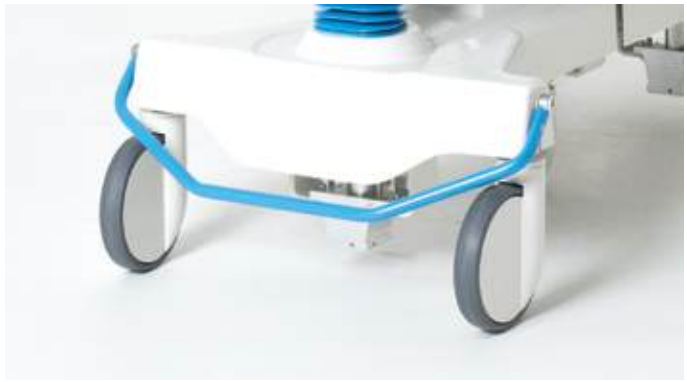
Special cut-outs in the head section of the stretcher provide additional support during transport and allow medical staff to assume a comfortable position.

IV poles

The reinforced structure not only holds bags of infusion fluids, but also allows you to manoeuvre the stretcher (WW-09.5). This two-in-one solution reduces the need for an additional equipment.

Fifth wheel

The optional fifth wheel (WW-25.00) is a solution that further facilitates manoeuvrability and improves the mobility of the stretcher. Its simple and quick activation means that navigating around corners is not a problem, even when the stretcher is operated by one person.



Large wheels

The design based on four large 200 mm diameter wheels, ensures stability and makes it easier to maneuver the stretcher and handle it on an uneven terrain. The rubber tread provides adequate grip on surfaces, protecting them from damage.

Directional wheel

The directional wheel makes it easy to navigate long corridors and tight turns, even when the stretcher is operated by one person.

SAFETY

The safety of patients and healthcare professionals is our top priority. We design our equipment to be standards-compliant, ergonomic and safe for the user. The solutions implemented in **Famed STRIDER** are the result of the experience of our designers and the feedback from users, which serves as a source of knowledge and inspiration. Thoughtful design ensures maximum safety during patient transport from point A to point B, while intuitive and straightforward operation allows staff to concentrate fully on the patient.

According to research, in the United States alone, there are up to **1 million incidents** related to patient falls in hospitals annually, resulting in approximately **250,000 injuries and even 11,000 deaths**[1]. **About 30-35%** of falls in healthcare facilities result in injuries, with treatment costs exceeding **$14,000 per incident**, prolonging the patient's hospital stay by an average of **6.3 days**[2].

Side rails and safe patient transfer

The side rails of the **Famed STRIDER** are designed to maximise patient safety at every stage of their time on the stretcher. The construction of side rails positively passed the above-standard tests for a hospital stretcher, STRIDER was tested according to the **PN-EN 60601-2-52 norm**. Moreover, the side rails withstand a vertical pressure of over 100 kilograms. Laboratory tests also included impacts from various sides, proving the stability and strength of the structure.

The **side rails drop below the mattress platform** along their entire length, without creating any obstacle for the patient when leaving the stretcher. Thanks to the well-thought-out structure, the space between the stretcher and a hospital bed during transfer has been lowered practically to zero. Famed STRIDER's side rails integrate seamlessly with other medical equipment, and their length of **1480 mm** prevents patients from slipping off the stretcher and getting injured.

Elements that enhance patient safety

TRANSFER MATTERESS

The transfer mattress (WW-14.9), equipped with special handles, enables easy transfer of the patient from the stretcher to a hospital bed or operating table (optional).

CENTRAL WHEEL LOCK

The brake levers located on the patient's leg side and the QuickBrake™ lever activate the central wheel lock, ensuring stability for the stretcher.

SAFETY BELTS

Two sets of safety belts (WW-12.0 W1) with adjustable length allow for securing the patient during transport and minimize the risk of falls (optional).

EASY TO USE

Famed STRIDER is designed to meet the needs of medical staff. A number of features have been integrated into this modern stretcher to simplify the work of medical staff and increase the comfort of patient care. Effortless operation, intuitive solutions, easy positioning and systems that improve response in crisis situations are just some of the elements that make **Famed STRIDER** the perfect partner for work in hospital wards.

Stretcher positioning

The stretcher does not need to be connected to an electrical outlet, ensuring that it can be used in all conditions and at any time, 24/7. An intuitive lever system is used to position the stretcher, allowing staff to make adjustments quickly and effortlessly.

- The height adjustment of the bed and Trendelenburg and anti-Trendelenburg tilt are operated by 3 foot pedals supported by a hydraulic actuator.
- The backrest adjustment is supported by a gas spring with a locking mechanism.
- The thigh section is adjustable by gas springs, allowing for setting the stretcher in a cardiac chair position*.
- Changing the leg segment position is activated by an easy-to-use latch mechanism*.

QuickBrake™ system

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.

Elements facilitating the work of medical personnel

FOLDABLE PUSH HANDLES

The foldable push handles, which drop below the level of the mattress, provide sufficient space at the leg and head sides of the patient and do not restrict the movements of medical personnel.

ADJUSTABLE IV POLE HOOKS

IV pole hooks with easy and intuitive height adjustment, with two foldable hooks for infusion bags on the top.

EVERYTHING IMPORTANT, AVAILABLE AT HAND

Easy installation of additional accessories, dedicated space for oxygen tanks, and integrated X-ray tray make everything you need easily accessible.

* Applies to Famed STRIDER WP-09.1 patient transport trolley with four-section bed.

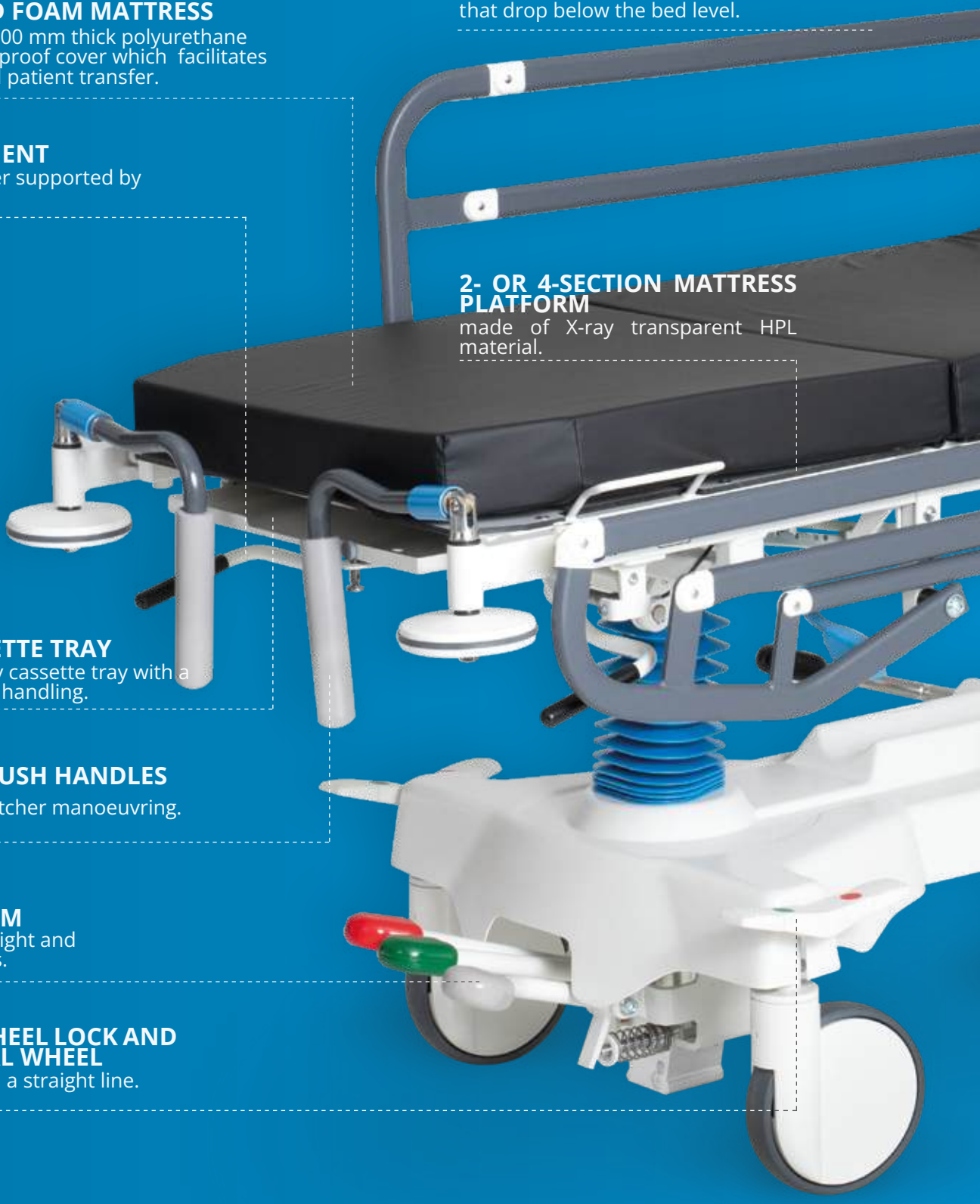
Famed STRIDER

CONTOURED FOAM MATTRESS
made of 80 or 100 mm thick polyurethane foam in a waterproof cover which facilitates disinfection and patient transfer.

THIGH SEGMENT
adjustment lever supported by a gas spring*.

FOLDING SIDE RAILS
that drop below the bed level.

2- OR 4-SECTION MATTRESS PLATFORM
made of X-ray transparent HPL material.



X-RAY CASSETTE TRAY
Full-length X-ray cassette tray with a handle for easy handling.

FOLDABLE PUSH HANDLES
to facilitate stretcher manoeuvring.

LEVER SYSTEM
for adjusting height and longitudinal tilts.

CENTRAL WHEEL LOCK AND DIRECTIONAL WHEEL
for easy drive in a straight line.

* Applies to Famed STRIDER WP-09.1 patient transport trolley with four-section bed.

FOLDING HOOKS
for infusion bags.

FOOTREST ADJUSTMENT HANDLE
supported by a gas spring*.

FOLDABLE IV POLE
with height adjustment, also serving as handles for guiding the stretcher.

BACKREST ADJUSTMENT
lever supported by a gas spring

ADDITIONAL SOCKETS
for IV pole hangers - 4 pcs.

HOOKS
for bags of fluids.

PLASTIC BUMPERS
4 pieces.

COLUMN CONSTRUCTION
ensuring stability.

OXYGEN TANK
Dedicated oxygen tank storage space.

QuickBrake™ SYSTEM
Emergency brake.

pSilver™ TECHNOLOGY
Plastic and varnished elements made with antibacterial pSilver™ technology.

LARGE WHEELS
with a diameter of 200 mm.

FIFTH WHEEL
for easier maneuvering of the stretcher (optional).

BASE COVER
made of easy-to-disinfect pSilver™ ABS plastic.

CONFIGURATIONS

We manufacture medical equipment, but it's up to you to decide what features your stretcher can have. Choose the number of bed sections, mattress type and color, ensure ease of maneuverability and add solutions that improve your work.

Mattress platform

Choose the Famed STRIDER with a two-section or four-section mattress platform and select the functionality of your patient transport stretcher.

- Two-section (WW-31.0): adjustment of the backrest segment.
- Four-section mattress platform (WW-32.0): adjustment of the backrest segment, seat and thigh segment and lower leg segment.

Fifth wheel

Choosing an additional fifth wheel is a solution that works exceptionally well for navigating tight corridors and challenging turns. Its easy and quick activation allows for single-person operation, and the ability to instantly change direction enables you to adapt to the layout of the building. The precision in maneuvering of the stretcher, combined with plastic bumpers, prevents damage to hospital infrastructure and helps avoid costly renovations.

Hand grips

Three pairs of available hand grips and the ability to control the direction of the stretcher from the side make it possible to adopt the anatomically correct body position during patient transport. Choose the type of handles from the leg and head side of the patient and enjoy solutions tailored to your needs.

Head board **WW-09.1:**

- provides firm support for hands during transfer;
- can be mounted at leg and head sides of the patient.

Push handles **WW-09.3:**

- provides firm support for hands during transfer;
- finished with polyurethane foam;
- folds down below the mattress level;
- allows for more space for patient handling;
- can be mounted at leg and head sides of the patient.

Push handles **WW-09.5:**

- dual purpose - IV pole and push handle in one;
- reinforced construction for easy manoeuvring of the stretcher;
- folds down below mattress level;
- provides more space for patient handling;
- can be mounted at the head side of the patient;
- height adjustment and 4 hooks for IV bags.

Mattresses

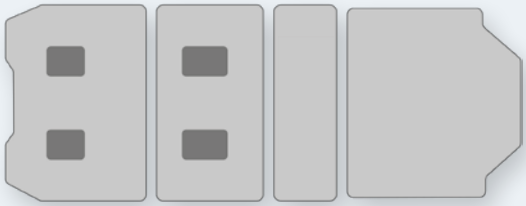
The stretcher can be equipped with **an 80 or 100 mm thick polyurethane foam mattress** with cut-outs that reduce the pressure on the spine and minimise the curling of the mattress when the bed section is adjusted. The high-density polyurethane foam adapts to the patient's body shape for more comfort and safety. The black mattress cover is made of waterproof and anti-static material to prevent the penetration of fluids. Special cut-outs in the corners of the mattress facilitate stretcher operation and patient care. For four-section stretchers, the mattress has special stitching to make it easier to adjust the position of the leg section. Match the design of the stretcher to the aesthetics of your facility by choosing a cover in a different colour.

Optionally, the stretcher is available with the **WW-14.9** high density foam transport mattress with reinforced artificial leather cover, handles for easy transfer and patient safety straps.

Choose the best option for you:

2-section mattress platform

4-section mattress platform



Base version **with a fifth wheel**

Base version **without a fifth wheel**

Push handles
WW-09.3

Push handles
WW-09.5

Head board **WW-09.1**

TURQUOISE 4F**	AQUAMARINE H6 (AB6)*	LIGHT BLUE 2F**	BLUE 3F**	GREY 6F**	LIGHT GREY 5F**
RED 8F**	HEATHER H4*	TANGERINE H8*	YELLOW 1F**	BLACK H1 (AB1)*	BLACK 7F**

* Antibacterial upholstery, CRIB 5 fire retardancy class.
** Antibacterial, phthalate-free upholstery.

X-RAY IMAGING

Transporting patients from hospital wards to medical imaging departments is a routine use for the **Famed STRIDER**. This high quality stretcher not only provides medical staff with comfort when manoeuvring through hospital corridors, but also enables X-ray imaging using a translucent HPL mattress platform and mobile C-arm. Functionalities available in the **Famed STRIDER** make it an ideal partner in diagnostic imaging procedures.

Plenty of space between mattress platform and base

The two-column design and low base provide plenty of space for the use of a mobile C-arm or a bedside X-ray unit. With a clearance **length of 1050 mm and a height of 360 mm**, it allows for safe insertion of the C-arm under the bed for imaging procedures. The contoured, narrowed base allows positioning of the X-ray unit close to the bed, providing better access to the imaging window. With a clearance **length of 920 mm and a height of 230 mm**, the stretcher is compatible with devices that require driving their chassis under the stretcher base.

Translucent materials

The mattress platform is made of translucent HPL panels, which provide high quality images and allow imaging of crucial parts of the patient's body without the need to transport the patient to the X-ray department. Both the standard polyurethane foam mattress and the **WW-14.9 patient transfer mattress** are designed with translucency in mind. In addition, the transfer mattress makes it easier for medical staff to transfer the patient to the imaging table when required.

X-ray cassette tray

In the standard version, the stretcher is equipped with a tray that allows imaging of the patient along the entire length of the bed using an X-ray cassette. The tray fits most cassettes available on the market (max. dimensions 650 x 440 mm). The unique guiding system enables convenient positioning of the cassette relative to the area being imaged. The guiding handle is available on both sides of the stretcher, and cassettes are installed from the leg end of the patient.

DISINFECTION

The thoughtful design and selection of appropriate materials used in the production of the **Famed STRIDER** enable faster and more effective disinfection, contributing to reducing microbial reproduction on the surface of the stretcher.

According to WHO studies, for every 100 hospitalized people, there are 7 patients (in high-income countries) and up to 15 patients (in low- and middle-income countries) who acquire at least one healthcare-associated infection (HAI) during their stay in a medical facility[3]. **Mortality among patients affected by sepsis in intensive care unit (ICU) wards is as high as 52.3%, and in general wards, it is 24.4%[4].** Research shows that hospital-acquired infections pose a serious threat to both patients and medical staff. Prolonged hospitalization, rising treatment costs, and the risk of lawsuits can be a significant burden on a hospital's financial situation.

Bacteriostatic pSilver™ technology

All plastic and varnished parts of the stretcher are made using the bacteriostatic **pSilver**™ technology, ensuring a lifetime guarantee of reduced microorganism reproduction. This technology serves as a helpful tool in the fight against hospital-acquired infections (HAI) and supports medical staff during disinfection procedure. Prefabricated with silver nanoparticle technology, it provides effective bacteriostatic protection and smooths the structure of materials used in the production process, hindering the accumulation of contaminants.

Column construction

The stretcher's two-column construction not only ensures stability, but also facilitates easy and quick disinfection. Plenty of space between the stretcher mattress platform and the base, and the absence of corners where contaminants could accumulate, minimises the number of elements that medical staff need to disinfect, speeding up and simplifying the whole process.

Mattress platform

Mattress platform is made of easy-to-disinfect, completely flat HPL boards **covering 90% of the entire mattress platform surface**. The minimized number and area of openings through which contaminants can pass towards the base means reduced cleaning and disinfection time.

ABS base cover

Made from a single piece of ABS plastic, the base cover completely protects the crucial structural components of the stretcher from the ingress of body fluids and the accumulation of contaminants. This allows medical staff to easily clean and disinfect the base surface without worrying about what is underneath the cover.

High quality materials

High-quality materials used in the production of the stretcher ensure proper resistance to disinfectants. Famed Żywiec, as one of the few manufacturers of medical equipment, has its own laboratory that tests each submitted preparation. Our products are delivered with a compatibility list and cleaning recommendations.

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.

Equipment

	FAMED STRIDER (WP-09)	FAMED STRIDER (WP-09.1)
Standard equipment	Two-section mattress platform WW-31.0	Four-section mattress platform WW-32.0
	X-ray cassette tray WW-24.5	
Required equipment	**Push handles** (to choose from)	
	Foldable push handles **WW-09.3** (available at the foot and head end, or only at the foot end)	
	Foldable IV poles with height adjustment **WW-09.5** (available at the head end	
	Head board **WW-09.1** (available at both the head and foot end, or only at the head end, or only at the foot end)	
	Side rails	
	Side rails **PB-10.93**	
	Mattresses (to choose from)	
	Foam mattress 80 mm **WW-14.71**	Foam mattress 80 mm **WW-14.72**
	Foam mattress 100 mm **WW-14.81**	Foam mattress 100 mm **WW-14.82**
Optional equipment	**Additional equipment**	
	Fifth wheel **WW-25.0**	
	Transfer mattress **WW-14.9**	
	Towel hanger **WW-15.91** or **WW-13.0**	
	IV pole **WK-16.0**	
	Patient safety belt **WW-12.0W1** (2 pieces)	
	Monitor shelf **WW-11.0**	
	Hook for fluid bags **WL-18.1**	
	Accessory rail **WW-13.0** or **WW-15.91**	
	Patient belongings basket **WW-29.1**	

Technical data

Technical data	Famed STRIDER (WP-09 i WP-09.1)
Total length	2125 mm
Total width	825 mm
Mattress dimensions (2/4-section platform)	680/650 x 1925 x 80 / 100 mm
Height adjustment	560 mm - 890 mm
Back section elevation angle	80°
Thigh section angle (WP-09.1)	27°
Trendelenburg / anti-Trendelenburg tilt	15° / 15°
Maximum load (SWL)	250 kg
Wheels diameter	200 mm
Oxygen tank compatibility	3-6 l

[1] Fall Currie L. and Prevention Injury. In: Hughes RG, ed. Patient safety and quality: an evidence-based handbook for nurses (Prepared with support from the Robert Wood Johnson Foundation) AHRQ Publication NO.08-0043. Rockville, MD: Agency for Healthcare Research and Quality; 2008.
[2] Hill A.-M., Hoffmann T., Hill K., Oliver D., Etherton-Beer C., McPhail S., Brauer S., Haines T. Measuring falls events in acute hospitals—A comparison of three reporting methods to identify missing data in the hospital reporting system. J. Am. Geriatr. Soc. 2010;58:1347–1352. doi: 10.1111/j.1532-5415.2010.02856.x.
[3] Global report on infection prevention and control. Geneva: World Health Organization; 2022 (https://www.who.int/publications/i/item/9789240051164, accessed 28 March 2024).
[4] Global report on infection prevention and control. Geneva: World Health Organization; 2022 (https://www.who.int/publications/i/item/9789240051164, accessed 28 March 2024).
[5] Guidelines for prevention of hospital acquired infections, Indian Journal of Critical Care Medicine, 2014 Mar; 18(3): 149–163

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