

FAMED
Żywiec
Member of REINSBERG® GROUP

Operating table

HYPERION

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This product has been manufactured
from materials with anti-bacterial properties


100%
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0°



HYPERION

A SINGLE RESPONSE TO MANY CHALLENGES

The surgical discipline is evolving to meet current medical trends and changing procedures. We designed our new operating table to make it as versatile as possible. It can be used with complete confidence over a wide range of procedures, including telemedicine, interacting with an integrated operating theatre control system or operating on bariatric patients.

INTEGRATED CONTROL SYSTEMS

The Hyperion table can be controlled using several methods, minimising the time required to set up the table and increasing the effectiveness of the operation. The Hyperion is designed to work alone or in an integrated operating theatre system environment. Hyperion can be also operated by a wireless remote control - rCover™ or using a touch control panel integrated into the operating theatre wall or using gestures interpreted by a special monitor.

OPERATING ON BARIATRIC PATIENTS

The combination of low minimum table height (585 mm) and high maximum load (500 kg) enables safe operations on obese patients. Read more about the MobiWeight™ technology on the next pages or on our website.

OPERATING WHILE SITTING

The table top can be set at a very low height, enabling the surgeon to operate from a seated position, which is ergonomically efficient and improves the effectiveness of the procedure. Reduced surgeon fatigue during long operation, more natural hand movement range and greater operating precision – these are only some of the many benefits.

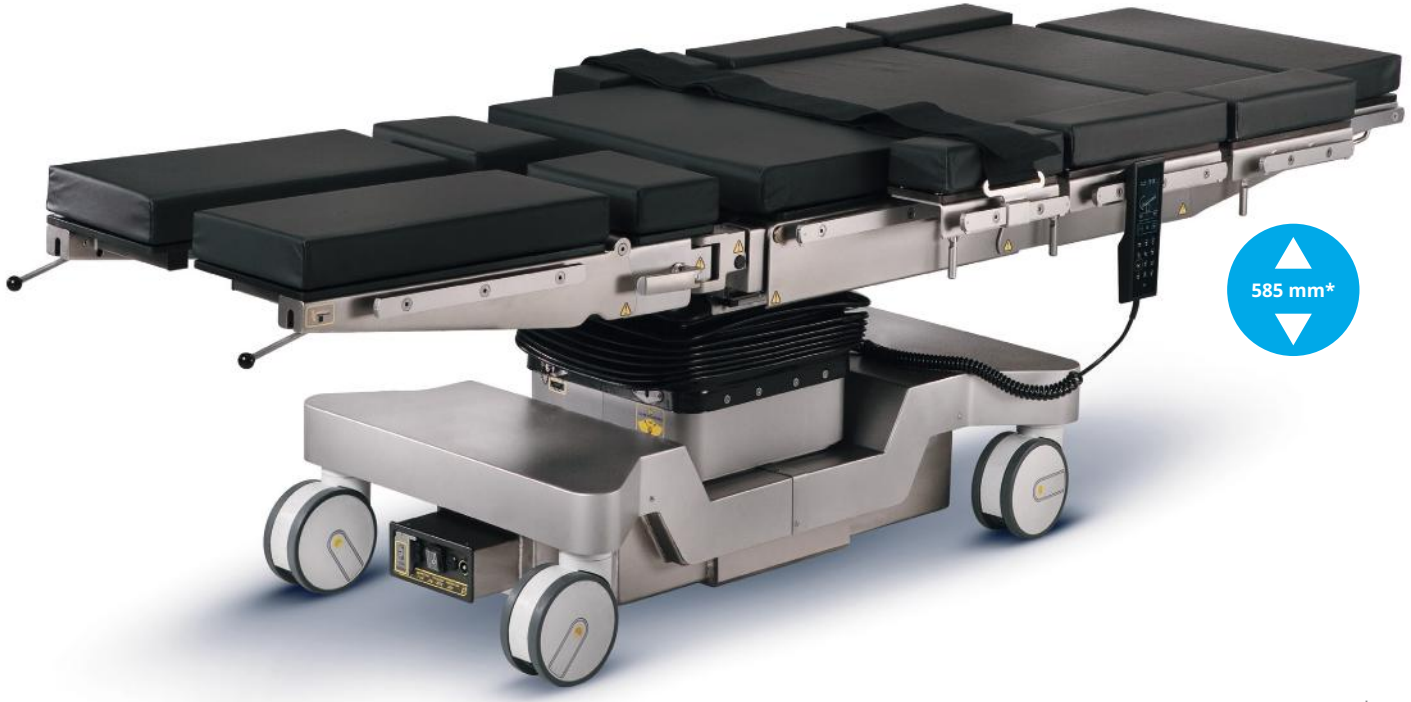
A SINGLE PRODUCT WITH A BROAD SCOPE OF APPLICATION



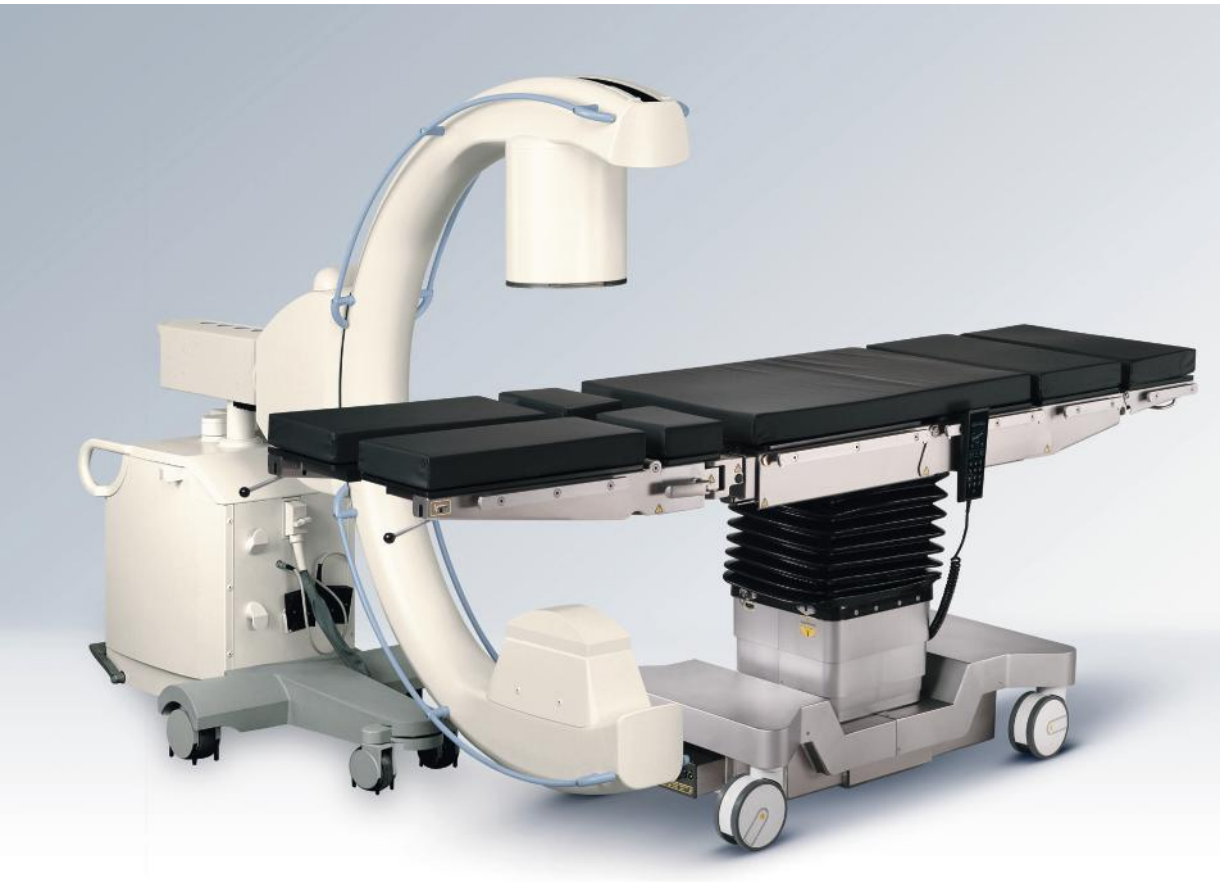
Owing to excellent parameters and a wide range of position adjustments, the product can be used for virtually all procedures and types of surgery. Of particular importance are the maximum capacity of the table (up to 500 kg) and minimum table top height (585 mm, without mattresses). That combination makes it possible to safely operate on even the most obese patients and perform procedures while seated.

MobiWeight™ technology

MobiWeight™ is a system that allows a wide range of table settings while maintaining high maximum load (500 kg). The **MobiWeight™** system ensures patient safety and does not drain overly the battery cells. It also controls the regulation in a smooth way, slowly initating the movement of the table top. Thanks to the double height adjustment system, **MobiWeight™** allows you to lower the table very close to the floor (up to 585 mm - without mattresses). The high lifting capacity thanks to **MobiWeight™** technology also does not exclude good longitudinal stroke parameter (400 mm).



* – without mattresses



The longitudinal shift of the table top (400 mm) makes it easier to use the table in combination with the C arm







61% OF MEN ARE OVERWEIGHT OR OBESE*



52% OF WOMEN ARE OVERWEIGHT OR OBESE*

OBESITY – A GLOBAL PROBLEM OF CRITICAL IMPORTANCE

According to the World Health Organization, worldwide obesity has more than doubled since 1980. More than 600 million people suffer from obesity (BMI > 30). And obesity is no longer a “rich person’s problem” – in developing countries the rate of increase of childhood overweight and obesity has been more than 30% higher than that of developed countries. This has catastrophic consequences to the entire society – from the enormous social costs and the need to increase health service expenditure to the considerable increase of the risk of occurrence of various diseases related to obesity, such as diabetes, cardiovascular disease and cancer.

* http://www.who.int/mediacentre/factsheets/fs311/en/

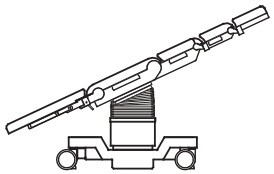






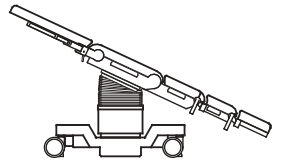






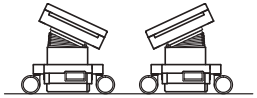
1 REVERSE TRENDELENBURG

- Position prevents pulmonary aspiration and vomiting.
- Prevents complications during head and neck surgery.



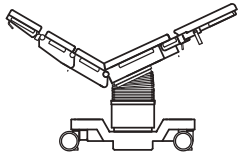
2 TRENDELENBURG

- Standard position for many abdominal and gynaecological surgeries.
- Improves access for pelvis operations (better isolation from abdominal organs than in the classic position).



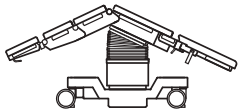
3 LATERAL TILT

- Enables better access to side body parts and certain internal organs.
- Also used to reduce pressure in obstetric surgery.



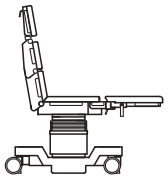
4 FLEX

- Makes it easier to perform procedures requiring better access to the back, kidney, bladder or abdominal organs.



5 REFLEX

- Makes it easier to perform procedures requiring better access to the back, kidney, bladder or abdominal organs.



6 CHAIR

- Makes it easier to perform ophthalmic surgery, neurosurgery and shoulder surgery - with attachment



6





COMFORTABLE AND EASY WORK

A modern operating table has to guarantee a stable patient position, a wide range of positions, and unrestricted access to the patient. In the Hyperion table, those features are augmented by an innovative control system. The table position can be completely and safely changed in a matter of seconds from anywhere in the operating theatre.

SAFETY AND PRECISION

THE POWER OF INTEGRATED SOLUTIONS



BbSafe™ wired remote control

Wired remote control with 2.8" screen in IPS technology, which enables quick and precise change of position and real-time preview of setting values. For patient safety, we have designed the **bbSafe™** system – triple protection against accidental change of position and a warning about high energy consumption. Following an adjustable idle time, the remote control automatically switches to standby mode. In addition, there is a two-step process of changing the bed's position – the operator first presses a button corresponding to the category of movement, and then, in the next step, enters information about its direction. Moreover, the **bbSafe™** system warns the user when the movement of the table puts a heavy load on the battery cells – this allows you to predict the power consumption and plan battery charging accordingly. The remote control meets the IP54 standard.

Wireless remote control: rCover™

The wireless remote control for the operating table is an option for the facilities which require maximum convenience and usability. This controller offers all the features of a wired remote control, a powerful battery pack and a docking station with a wireless charger. It is equipped in **bbSafe™** and **rCover™** technology – built-in protection against interference with other wireless devices that work in the vicinity of the operating room. Part of the system is also a special table and the remote-control pairing procedure and appropriately calculated signal power limit.

Removable panel on the pDetach™ column

Optional control of the operating table located on the column. This additional control module is a removable panel that can be detached from the column and operated like a traditional remote control. It provides full functionality in setting the table position. The panel has a convenient **pDetach™** magnetic mechanism, which protects it against getting accidentally brought down, while providing a simple and quick disassembly.

The operating table can also be integrated into the hybrid operating room. Then it gains additional control options like:

- touch screen panel built into the wall,
- control using operator gestures, interpreted by a special monitor.

Technical data

Total table top length (with head rest)	2335 mm
Table top width without siderails	570 mm
Minimum table top height	585 mm
Thickness of mattresses	80 mm
Allowable static load	500 kg
Allowable dynamic load	400 kg
Table top longitudinal shift	400 mm
Lateral tilt	30°
Trendelenburg and reverse Trendelenburg position	40°
Kidney elevation height	150 mm
Back support adjustment	-40° to +80°
Head rest adjustment	-30° to +45°
Footrests adjustment (electric)	-35° to +90°
Footrests adjustment (manual)	-20° to +90°
Leg rest spread angle	180°



The best stainless steel on the market - InteliProtectPlus™ technology

Operating tables in the InteliProtectPlus™ technology are made of corrosion-resistant stainless steel AISI 304 (according to European standards as X5CrNi18-10 / 1.4301). Thanks to its high nickel and chromium content, it has a high corrosion tolerance. In order to provide additional steel protection, we have also implemented the electropolishing and passivation process. Electropolishing is a process whose purpose is to remove impurities, smooth and restore the surface of the steel to the proper passive layer that protects it against corrosion. Thanks to the InteliProtectPlus™ technology, chromium atoms accumulate on the steel surfaces of our products and their structure becomes harder. In addition, the smoothed and shiny surface guarantees easy disinfection and maintaining the product clean. It also helps to protect it against dust and dirt. Steel surfaces with InteliProtectPlus™ technology are still protected even when the surface gets scratched - in the process of atmospheric oxygen getting to the damaged spot, passivation occurs and the risk of corrosion is excluded. As the only manufacturer of operating tables, we additionally protect the internal structural components of our products with a zinc-based protective layer.

High quality fCharge™ battery cells

All battery cells powering Famed Żywiec products are carefully selected from a reliable supplier we have been cooperating with for many years. Each **fCharge™** battery cell undergoes inspection at an external company, then goes through multiple tests at several technology departments of our factory. The **fCharge™**, fast charging technology charger used in our products allows for quick supply of the necessary amount of electricity to carry out the first treatments. A minimum of several dozen guaranteed full work cycles ensures safety in the course of performing every medical procedure.

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The products conform to European Directive MDD 93/42/EEC on medical devices and the Act on medical devices.

Version 44/2024/02/4. The manufacturer reserves the right to modify the product due to technical progress.

