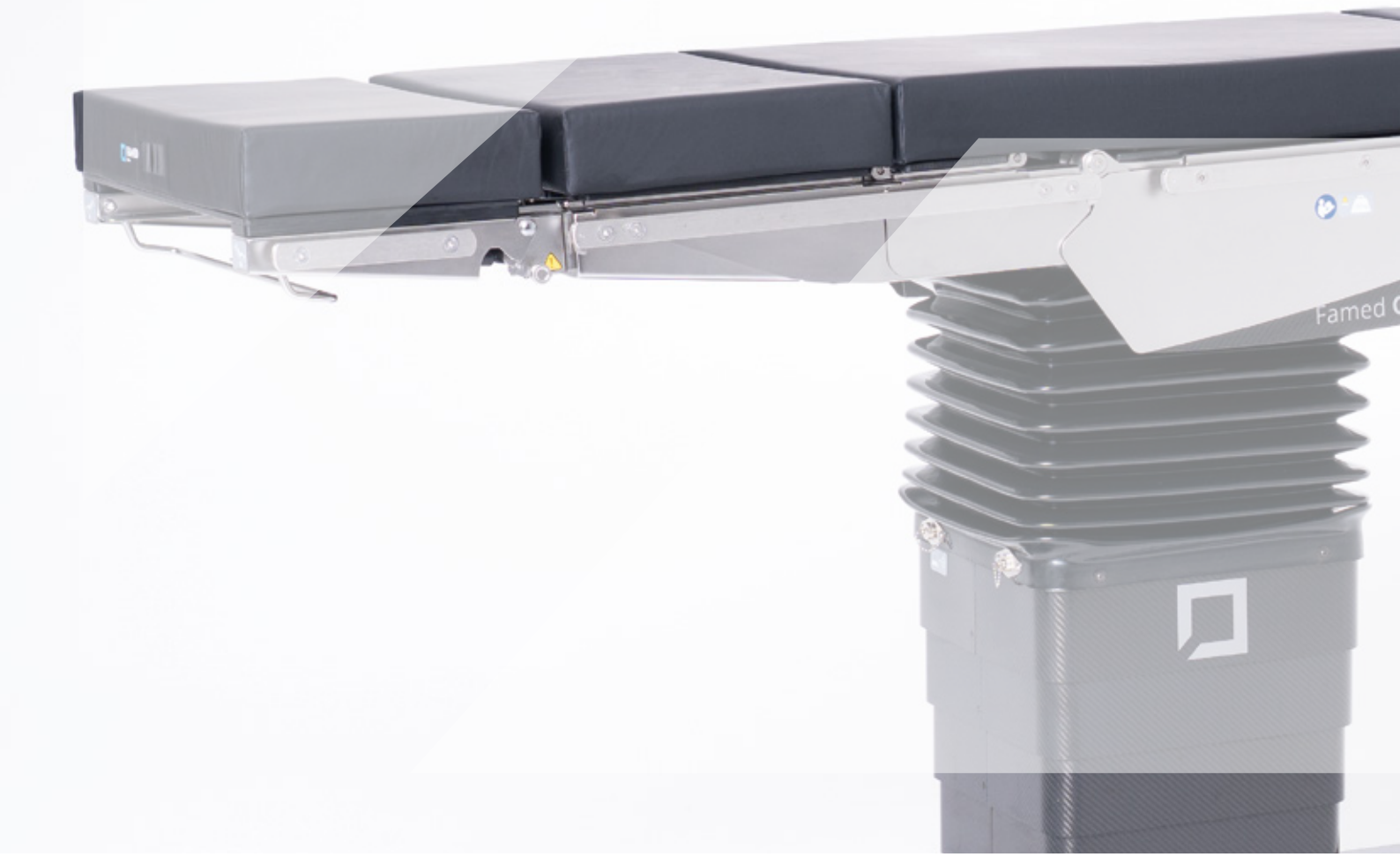
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Member of REINSBERG GROUP



Famed OPTIMA

version 5.20

Versatile operating table for precise surgery,
made of premium materials

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Famed OPTIMA

THE OPTIMAL SOLUTION FOR A MODERN OPERATING ROOM

KEY FEATURES 01

VERSATILE, OPTIMAL OPERATING TABLE

- One table is suitable for most surgical positions and accesses.*
- The low minimum height (550 mm) has been combined with extreme lateral and longitudinal tilts, which ensures a full range of positioning.
- OPTIMA offers a full range of adjustments, high technical parameters, high load capacity up to 460 kg and a very good transparency of the table top, while maintaining an economically reasonable price.

EASE OF USE AND QUICK SET-UP

- The modular table top is connected by means of intuitive quick couplers (wedge-design, „press to play" approach), protected against „tearing out" segments from the table top.
- The accessories are intended to be operated by one person in order to shorten the service time of the table.
- The table is highly manoeuvrable – the T-shaped base is equipped with castors, making OPTIMA a fully mobile operating table.
- Dedicated controls are intuitive and easy to use, they are equipped with built-in systems that prevent accidental activation, protecting against unintentional change of position.
- The table detects key sections of the modular table top, eliminating the risk of collision and suggesting appropriate actions to the user in the event of any danger of collision.



* Only with Famed OPTIMA 5.70 version.
** Only with Famed OPTIMA 5.60 version.

Famed SU-05 OPTIMA 5.20 is an operating table whose functionality has been optimally configured to enable a single unit to be used across all surgical specialties. Remote control, electric lock, modular design, maximum load capacity of 460 kg, table top and housing made out of carbon fiber are just a few examples of options and functionalities of OPTIMA. In the „low" variant, it is one of the lowest mobile tables in the world. Famed OPTIMA is a table made for precise surgery.

RELIABLE PARTNER IN MEDICAL IMAGING

- The table has been designed to make imaging as easy as possible and to provide the sharpest X-ray images.
- The carbon table top (available in some variants) is based on our experience with the TotalClear™ table top, which we use in the FLARE model - the safest imaging table in the world.
- The longitudinal shift reaches 400 mm, which provides an extremely long imaging window.
- OPTIMA enables 360° X-ray imaging*

EASE OF DISINFECTION

- High-quality AISI 304 stainless steel with InteliProtectPlus™ technology.
- Electropolished steel finish, providing enhanced corrosion resistance.
- Covers of the table are made of real carbon fiber, which ensure high resistance to aggressive disinfectants (this is a variant, there is also stainless steel version available).
- Covered wheels eliminate the need for washing.
- The table does not require an external charger, a standard power cable is used for charging.
- The table is made in the IPX4 water resistance standard.



* 360° imaging is possible with the use of appropriate accessories.

POSITIONING 02

Laparoscopy

The position shown above, lowers the operating field even below 550 mm; double joint abduction of leg plates allow for an easy access to the patient. Arm supports can be locked with a single lever which increases the amount of space around the patient.





Gynaecology / Urology

Treatments can be performed on a standard table top with a cutout or on an additional gynaecological section. 40° Trendelenburg tilt will facilitate access for a surgeon or a robot.



ENT, ophthalmology

A dedicated top for head surgery with a wide range of adjustments can be combined with the low position of the table and long shift - an ideal combination for working while seated.



Orthopaedics

surgeries of the upper or lower limbs can be performed on dedicated tops or in traction devices. Prone, supine and lateral positioning is available.



Thorax / Spine

The table has dedicated controls for the Flex/Reflex position. It also enables the spine to be operated in the posterior approach. The 40° T/AT angle allows you to adjust the compression of the vertebrae.



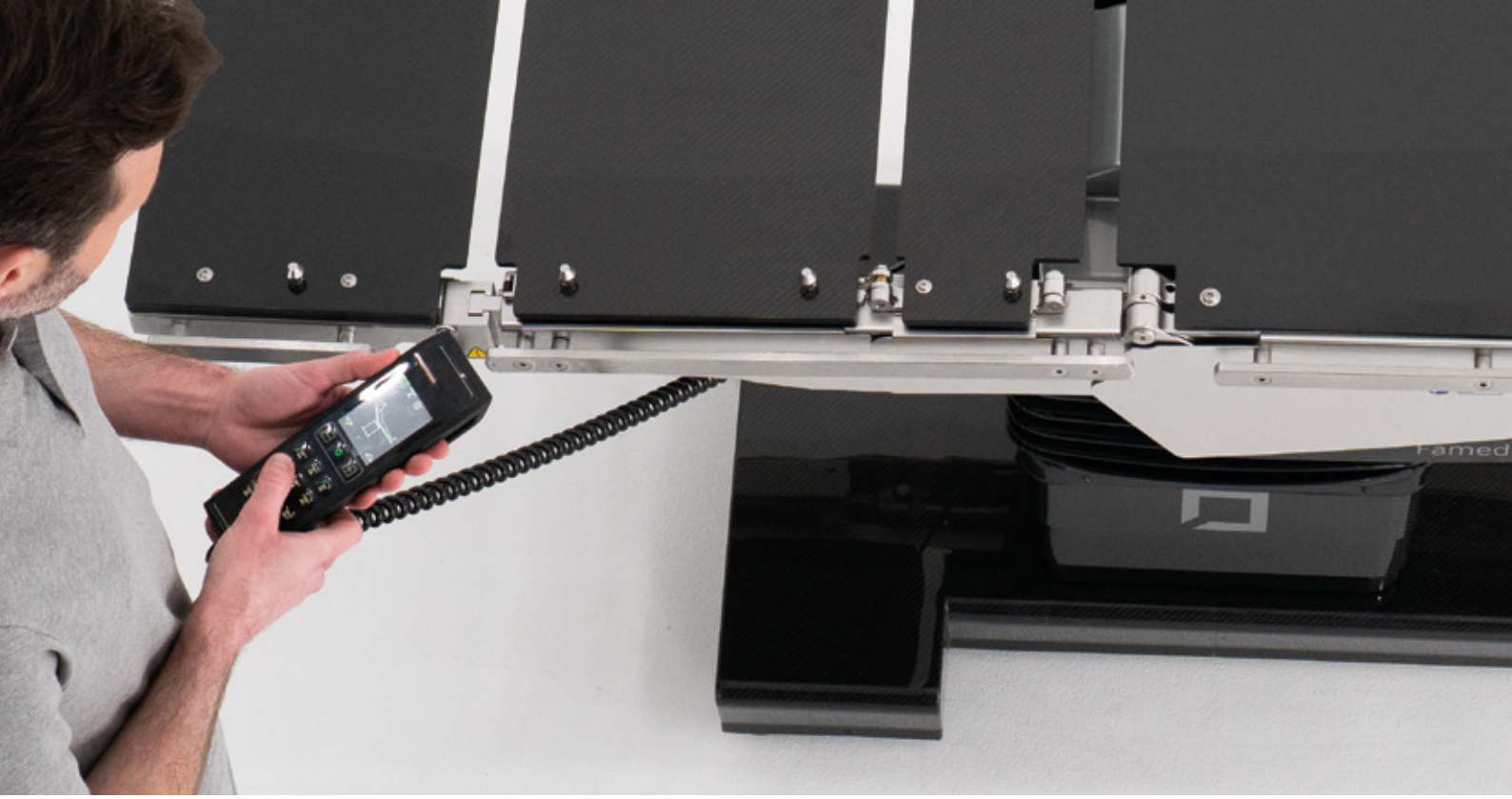
MIS

The low position of the table allows for comfortable use of instruments on top of the patient. Long shift combined with 360° imaging helps in performing spine surgery.



Nephrology

The elevation can be carried out using the kidney bench, backrest or leg section articulation.
Accessories allow the patient to be stabilized in lateral or prone/supine position.



CONTROLLERS 03

The table is equipped with a wired bbSafe™ remote control (as a standard)

The 2,8” IPS LCD screen allows you to see its content even from a large angle. The remote control has backlight for the screen and buttons. It is equipped with an indicator (value is displayed in percentages) of the battery charge, the status of the current table top configuration, real-time information about the segments (displayed in millimeters or degrees) and the **bbSafe™** system - double protection against accidental activation. On the large and easy to read LCD, the table also informs about collisions, errors and provides information about limits and other detected problems. The remote control is suitable for disinfection, and its casing is made of PU with high resistance to mechanical damage.

Optional controls



rCover™ wireless remote

It communicates with the table via Bluetooth technology - therefore it works independently of the disposables placed on the table top. It can be charged wirelessly in the docking station. It has all the functions of the **bbSafe™** controller.



Override pDetach™ panel

In case of a software error or damage to the main controller, we can use the panel as a backup control. It can be detached from the column and used in a hand like a standard controller.



Foot controller

It can be used as an additional element to control table movements, it is especially useful in procedures performed in a sitting position, e.g. neurosurgery or gynaecology / urology.

bbSafe™

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.

pDetach™

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.

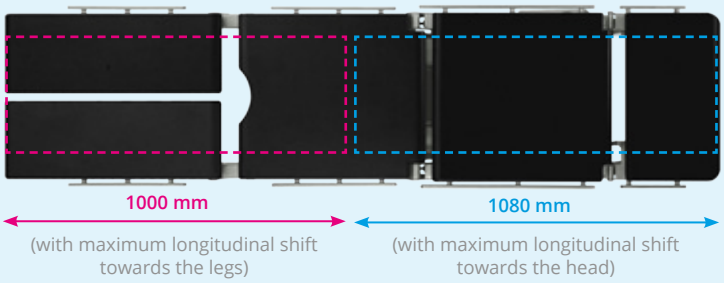
rCover™

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.

X-RAY IMAGING 04

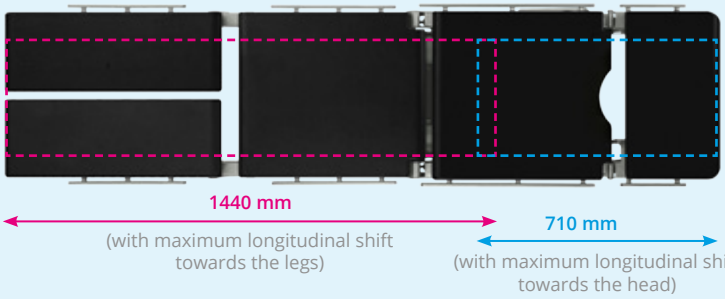
The Famed OPTIMA operating table has a top that is transparent to X-rays. It can also work with X-ray cassettes.

Configuration A



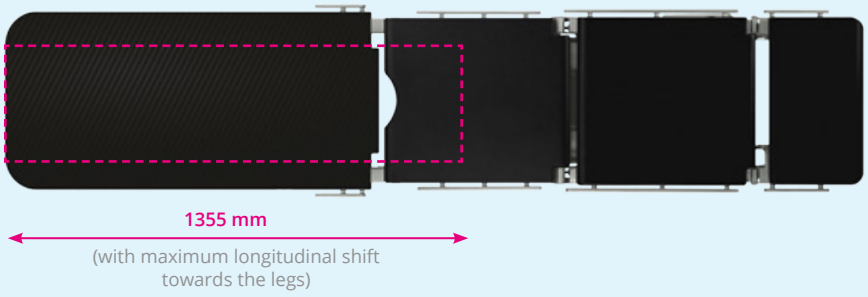
Imaging window for standard table top configuration (5 sections, standard pair of leg plates).

Configuration B



Imaging window for reversed table top configuration (5 sections, standard pair of leg plates).

Configuration A with the AS-67 table top



The length of the imaging window with the AS-67 tabletop mounted is 1355 mm.

360° imaging

The AS-67 table top is 1100 mm long and made of precisely layered carbon fibers. It has two accessory rails near the installation slots. Accessories can also be mounted along the entire length of the imaging window - using InfiniMove™ adapters. The tabletop allows the installation of translucent attachments for head/spine surgery (adapter needed) and 360° imaging over a length of 890 mm.

Carbon vs. HPL

The table can be manufactured with a carbon or HPL table top. Both are translucent to X-rays. The difference is the image quality (better on the fiber variant) and the translucency parameter (0.25 mm Al vs. 0.83 mm Al) – it reduces the harmful dose of radiation with each photo (or fluoroscopy). It is a very important factor affecting the work safety of the staff, who are exposed to daily X-ray exposure.

Table top translucency

The table can work in the standard (A) and reversed configuration (B, leg and head are swapped with each other). It is also possible to use modular table tops that will enlarge the imaging window. It is also possible to use X-ray cassette rails under the table segments.

Cooperating with a C-arm

Longitudinal shift, flat base (T), asymmetrical arrangement of the column, carbon or translucent HPL table top material and carbon fiber crossbar reinforcements allow you to freely use a C-arm.

The table top has a certified high X-ray translucency parameter, which reduces the radiation dose during imaging.





FUNCTIONALITY 05

No pinch hazard areas. The bench, when raised, is protected by steel covers

The table top is translucent to X-rays, the lack of crossbar steel reinforcements ensures uninterrupted imaging window



The standard setup includes an advanced remote control with a large LCD with bbSafe™ safety functions

Easy-to-use quick couplers for removing table top segments („press to play"). Acoustic confirmation of correct installation

The profiled „T"-shaped base (variant) with cutouts allows you to stand close to the table. A great combination of parameters: low table top height, low base and extreme tilt angles



Stable when locked

The table guarantees stability even when using the full 40-centimeter slide. In the "T" base, the lock is performed by 4 retractable feet supports, each 50 mm in diameter – the lock is made exclusively by the remote control.



Ready for bariatric surgery

The table offers a maximum load that allows operating patients with morbid/super obesity. It also allows you to work in a very low 550 mm position, which facilitates access to the large body of an obese patient. The Famed offer also includes a whole line of accessories dedicated to bariatric surgery with an increased permissible load and additional functionalities.

Wedge connections ensure 100% secure installation, even during treatments with the use of vertical pulling (traction)

High quality stainless steel AISI 304 with electropolishing and passivation finish) protected by **InteliProtectPlus™** technology

Waterproof, antistatic polyurethane foam mattresses with a thickness of 80 mm



Stable supports locks adjustable from a remote control or by a foot lever. The table remains mobile despite its very flat base (the wheels are hidden).

Safe design of the end of the rails prevent accessories from falling off in tilts



Emergency control

In models with a lock operated from a remote control, we provide an additional emergency system - the table can be unlocked manually, through an easily accessible service socket. This is an additional measure to prevent operating room downtimes, together with the AlterSafe™ alternative drive and the pDetach™ override panel, it guarantees that your operating theater will be ready for new tasks 24/7.



Focused on safety

The foam mattresses consist of three layers with varying firmness levels, effectively reducing the risk of pressure ulcer development in patients. Spacing between sections in the table top has been reduced to prevent pinching of the patient's skin. Despite the high maximum load, the table is tested with even more load – thanks to a high safety factor.

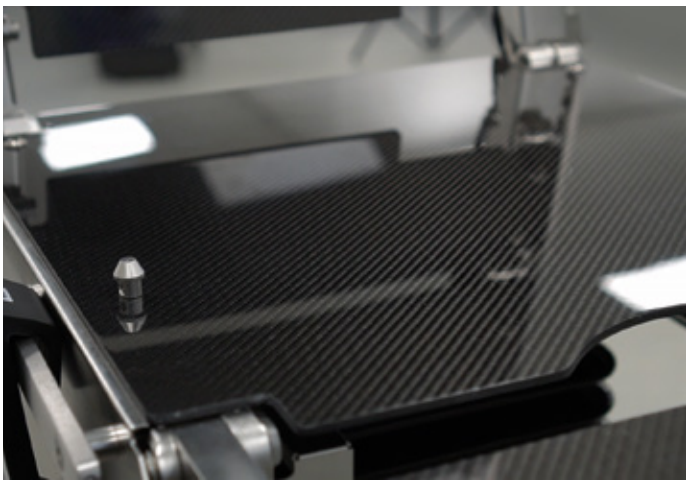


FUNCTIONALITY 05



Description of table movements

The table has an electrohydraulic drive: height adjustment, lateral tilt, longitudinal tilt, zeroing, kidney bench, leg section. The longitudinal shift is regulated by an electromechanical drive. The headrest is regulated by a gas spring. The abduction of the leg plates is operated manually.

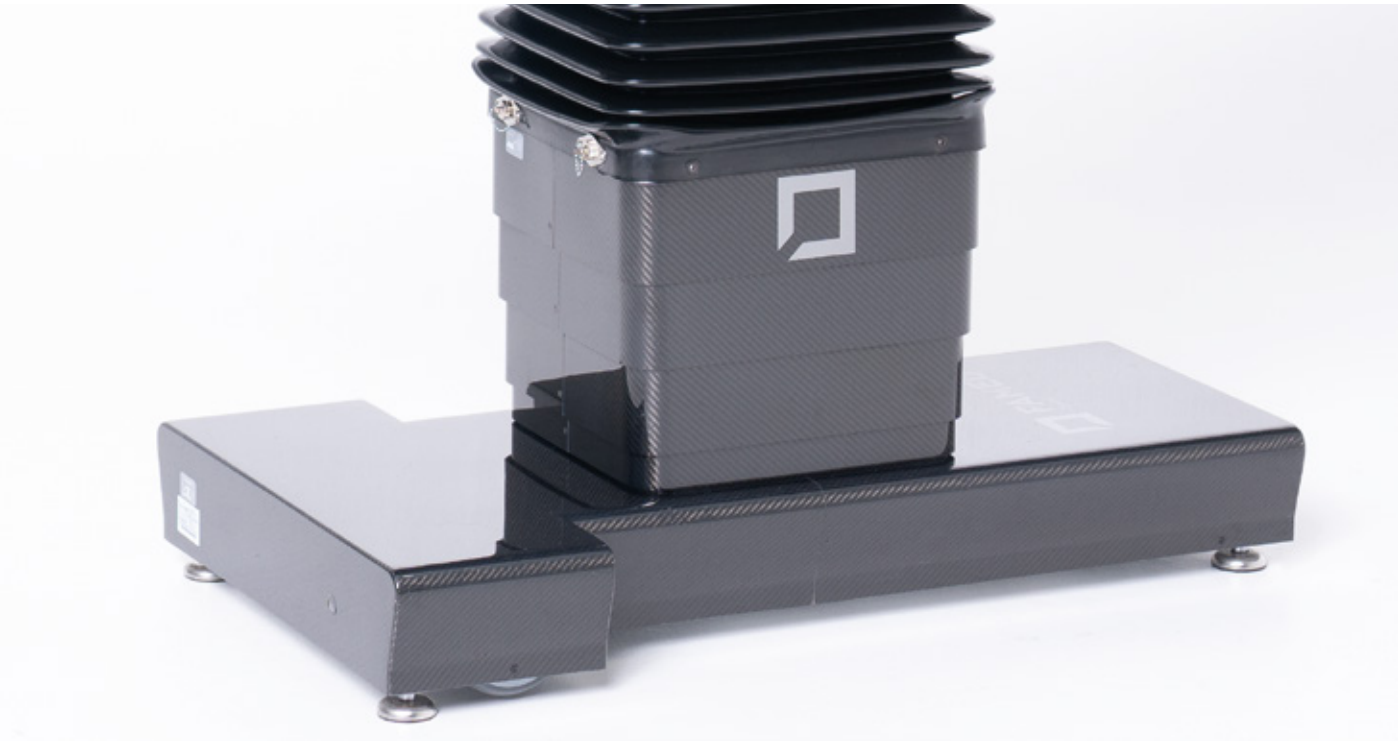


Ease of disinfection

All surfaces are suitable for quick disinfection, moreover - the table meets IPX4 standard. All steel and plastic elements are made without sharp edges. You can find a list of recommended and approved disinfectants in the comprehensive appendix to the instructions for use.

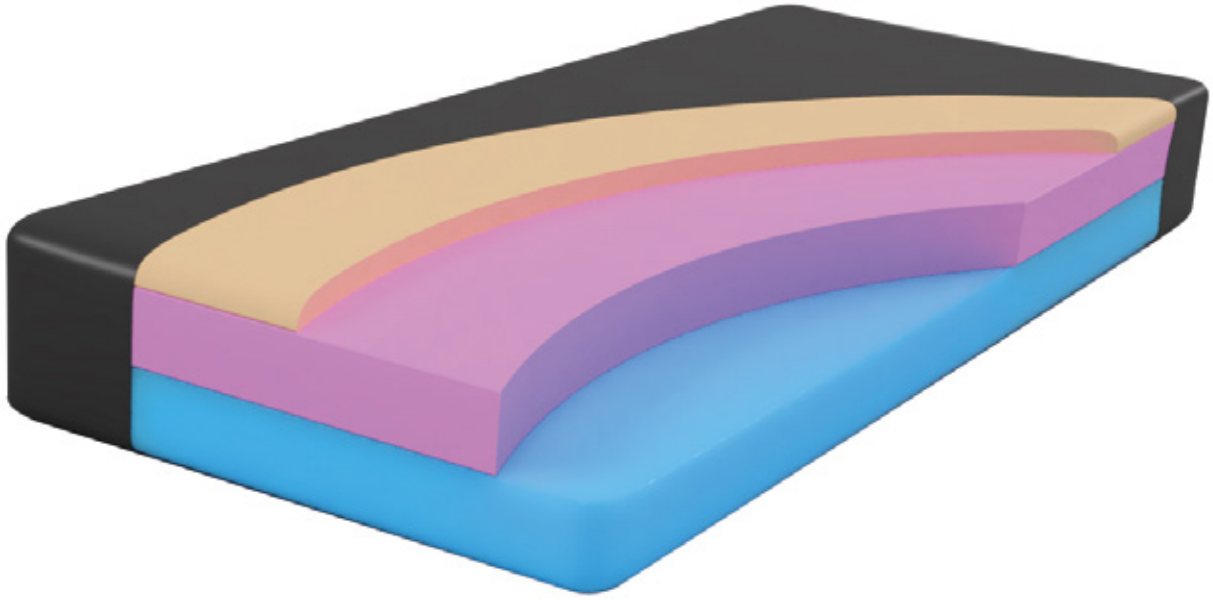
Low-profile base

The flat „T" base is only 125 mm thick, offering plenty of space for a C-arm. In the variant with remote lock, no parts protrude from the base. The base has the same thickness on both sides of the column, which is a very important feature of the base design. The „T" shape ensures stability and enables a close approach to the table. The base is equipped with wheels.



Mattresses

The table is equipped with foam mattresses. The foam mattresses feature a three-layer construction (80 mm) manufactured using ultrasonic welding technology. All versions are antistatic, waterproof, and easy to remove from the tabletop for disinfection purposes. **Famed OPTIMA** operating tables are supplied with **mFix™** mattresses, attached by mushroom-shaped connectors.



VARIANTS

Variants of the Famed OPTIMA operating tables differ, among other things, in the materials used (for the housing and tabletop), the types of available tabletop configurations, and the table locking method*.



Famed SU-05 OPTIMA 5.20

Table is made of electropolished AISI 304 stainless steel in **InteliProtectPlus™** technology, with carbon fiber top, carbon fiber housing, 550 mm (low) column, leg section and lock controlled by a remote control, width of 600 mm, mFix™ foam mattresses, flat "T" base.



Famed SU-05 OPTIMA 5.20

Optionally, the table can be made without carbon fiber covers (it will be replaced by the electropolished AISI 304 stainless steel with **InteliProtectPlus™** technology).

The top may also be replaced with HPL version.

* Famed Żywiec, as a manufacturer, constantly makes non-standard, custom versions of its products, remaining in accordance with all the declared certificates.
The products described in the catalog may have their non-standard variants. Photos are for reference purposes only.

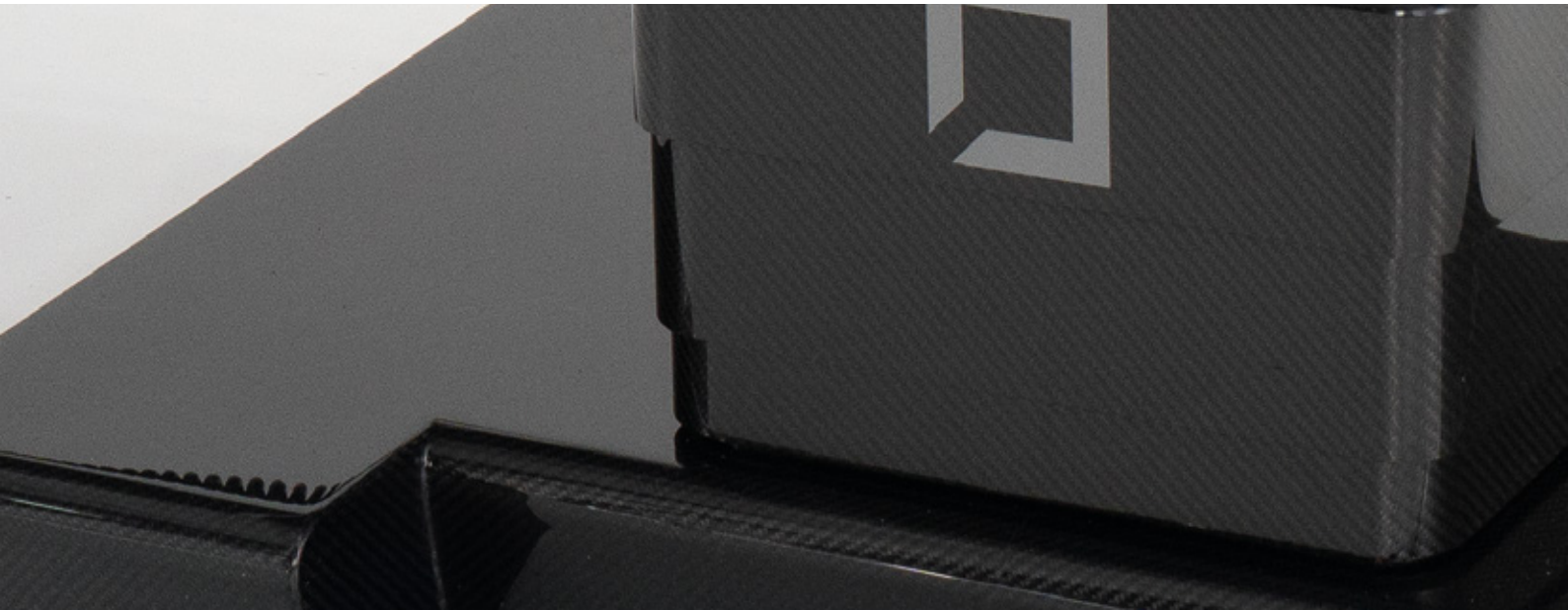


Table top variants

The table is offered as standard with a standard head section and split leg sections in the version with a 5-section tabletop (including a kidney bridge). The tabletop can be customized according to customer requirements (the list of accessories is provided in a separate catalogue).



5-section table top

This is the standard tabletop. When viewing the table from the side, the following sections can be distinguished: the head section (standard or optional with double elevation), upper back section, lower back section (kidney bridge), seat section, and leg sections (split – standard, or optional: plate-type / double-abducting).

Examples of other segments of the modular table top



Double joint abduction leg plates (pair)



Carbon fiber extension section, 360° translucency



ENT / Ophthalmology table top



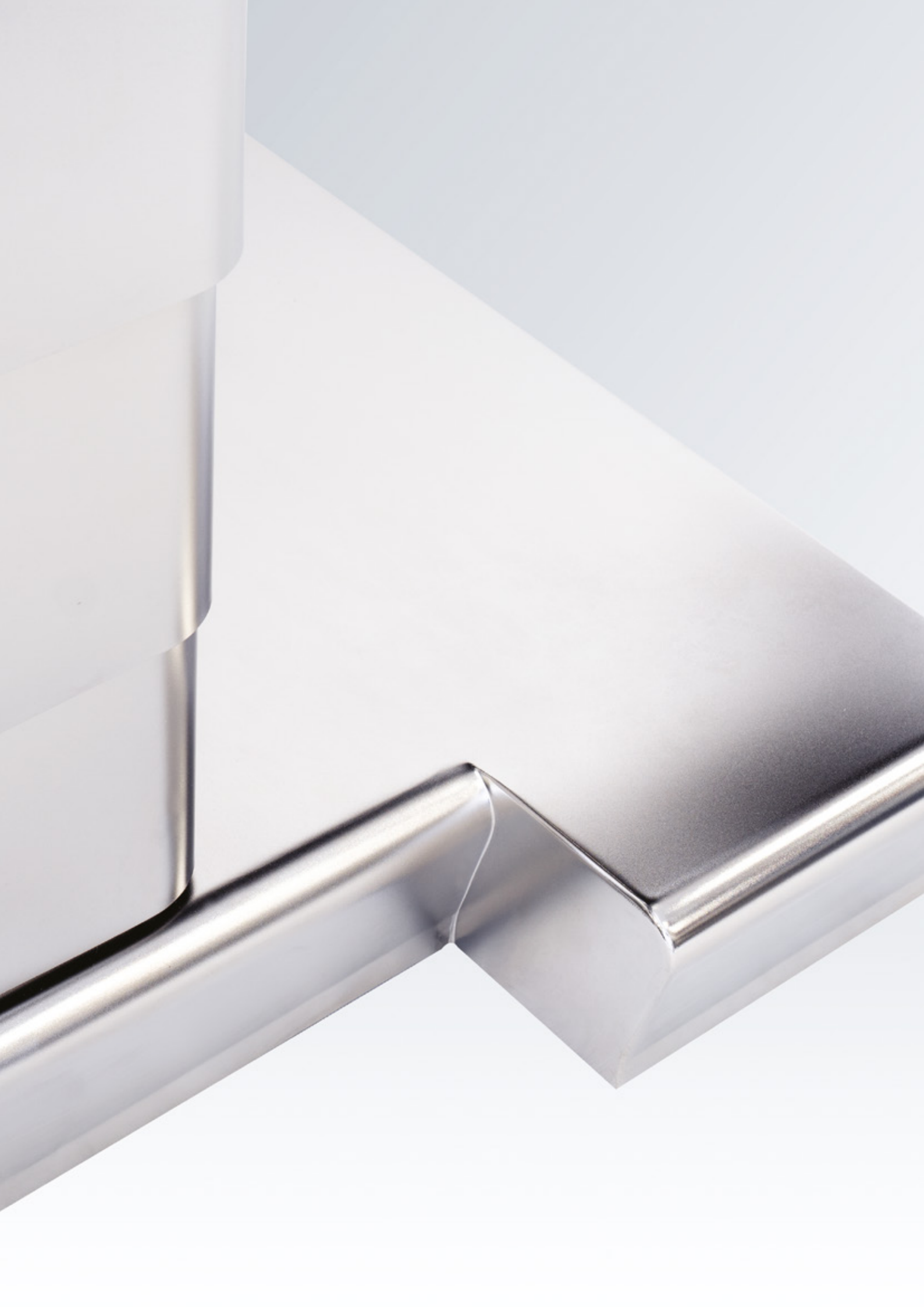
Child / infant surgery table top



TECHNICAL DATA 07

	SU-05 OPTIMA 5.20
Length of the table top and total width with rails (dimensions for 5 sections, standard leg and head sections)	2100 x 600 mm
Minimum height, no mattress	550 mm
Maximum height, no mattress	1020 mm
Maximum load (and SWL)	460 kg (300 kg)
Leg section vertical adjustment	-90° to +25° (one-piece leg plate)
Leg section horizontal adjustment, standard leg plates	180°
Back section adjustment	-40° to +80°
Longitudinal shift	400 mm
Lateral tilts	30°
Trendelenburg / anti-Trendelenburg	40° / 40°
Headrest adjustment	-50° to +55°
Flex / Reflex	220° / 100°
Kidney bench adjustment	150 mm
Leg section operated by a remote control	●
Table lock by a remote control	●
Emergency manual unlock	●
Carbon fiber table top	●
HPL table top	○
Radiolucency of the carbon fibre / HPL tabletop	0,25 / 0,83 mm Al
Base and column covers made of carbon fiber	●
Base and column covers made of InteliProtectPlus™ stainless steel	○
Override pDetach™ panel	○
Available table tops - number of sections	5
Power source	120/230 V ~ 50/60Hz
Ingress protection	IPX4
Batteries	24 V DC, battery autonomy: about 25 cycles
Weight of the table	250 kg

KEY: - NONE | ○ OPTION | ● IN STANDARD



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