



FAMED
Żywiec

Member of REINSBERG® GROUP



Famed OPTIMA

Versatile operating table for precise surgery

Optimal solution for modern operating theaters

Table made of premium materials



THE OPTIMAL SOLUTION

FOR A MODERN OPERATING ROOM



Famed SU-05 OPTIMA is a group of operating tables which functions were selected for optimizing its use in every field of surgery. 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.

Versatile, optimal operating table

- One table is suitable for most surgical positions and accesses.*
- The low minimum height (550 mm - 5.20 variant) has been combined with extreme lateral and longitudinal tilts, which ensures a full range of positioning.
- Emergency control systems allow you to work in the event of a table failure or power outage (configuration and availability depending on the variant).
- 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.
- Waterproof, antistatic mFix™ mattresses made of 80 mm polyurethane foam, mounted using mushroom-type fasteners.

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 very easy to maneuver - both the „T“ base and the „H“ base have wheels, making OPTIMA a completely mobile 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.

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 stainless steel IntelliProtectPlus™, with the quality class 304.
- Steel is finished in electropolishing technology with additional zinc layers which is an additional protection against corrosion.
- 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 („T“ base).
- 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



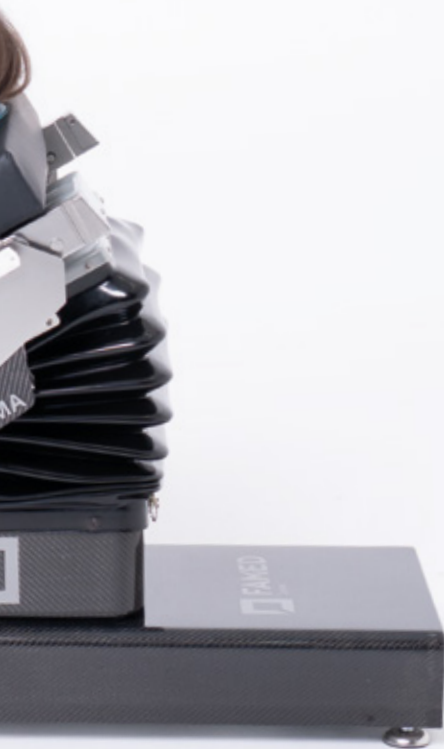
Gynaecology / Urology

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.



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.



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.



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/Re-flex 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.



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.

ORTHOPAEDICS

Modularity, dedicated accessories and durable table top connections for complete safety during ortho/trauma procedures. The main picture shows the positioning on the extension device for femoral fracture surgery.



Upper limb surgery

The table can be parried with a traction system or a dedicated table top for hand surgery, including a carbon fiber model with 360° imaging.



Elbow surgeries

Various adapters allow for arthroscopy or ORIF surgery of the arm or the elbow joint.



Shoulder arthroscopy

The table has a dedicated, motorized, lightweight table top for arthroscopy of the shoulder complex.



Tibia fracture

The extension enables operation and imaging of the pelvis area or the entire lower limb (carbon fiber version).



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.



AlterSafe™ alternative drive

Only available in a table with a „H“ base - allows you to regulate all electro-hydraulic movements, even after a power outage or with empty main batteries.



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.



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.

Description of table movements

The table has an electrohydraulic drive: height adjustment, lateral tilt, longitudinal tilt, zeroing, kidney bench, leg section (5.15, 5.20). The longitudinal shift is regulated by an electromechanical drive. The headrest (all variants) and the up / down movement of the standard leg section are regulated by a gas spring (5.9, 5.12). The abduction of the leg plates is operated manually.

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.

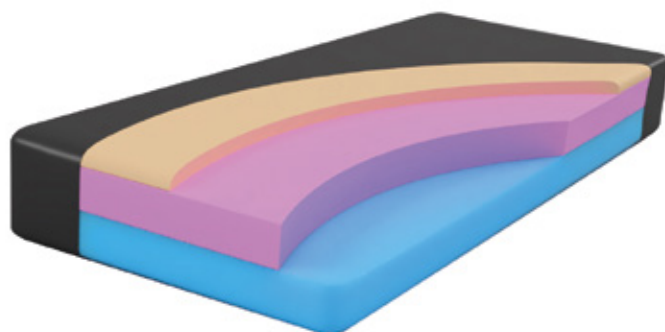


Table base variants

The table, depending on the variant, is available in a flat „T“-shaped base or a super-mobile base, on large wheels - „H“-shaped. The „T“ base can be made of stainless steel or carbon fiber.



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.



The „H“ super-mobile base has 4 large wheels (each 125 mm in diameter) – it is not only easy to maneuver, but also offers increased amount of space for feet (the height of the recesses areas reaches 180 mm). It allows the installation of the AlterSafe™ alternative drive and use of direction wheel (only for variants with manually operated locking lever).

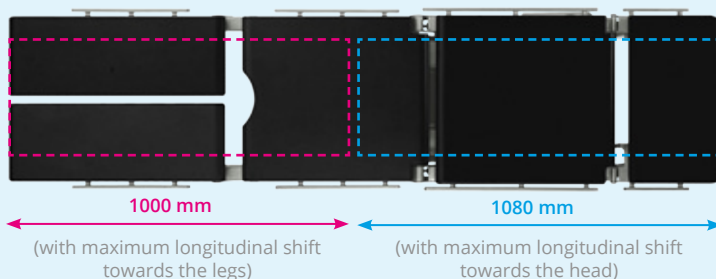
X-ray imaging

Each variant of the OPTIMA table has a top that is transparent to X-rays. It can also work with X-ray cassettes.



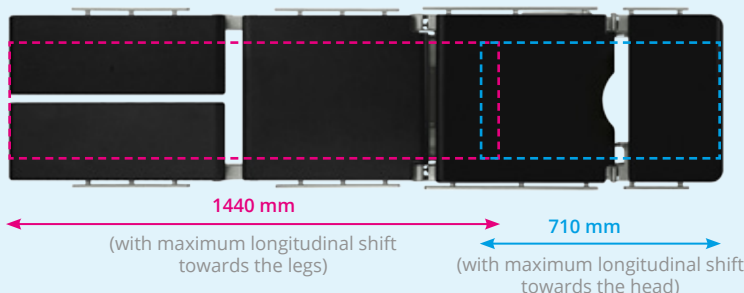
Configuration A

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



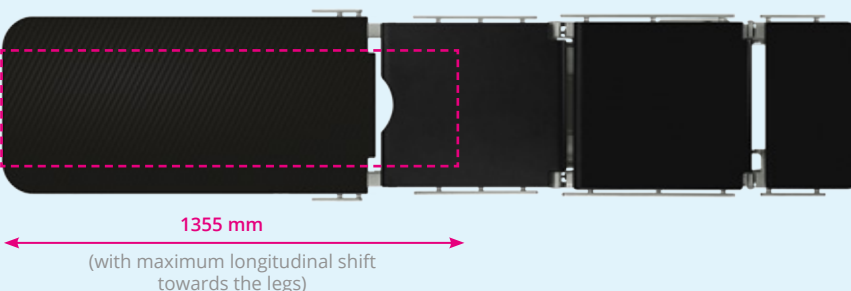
Configuration B

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.

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.

Carbon vs. HPL

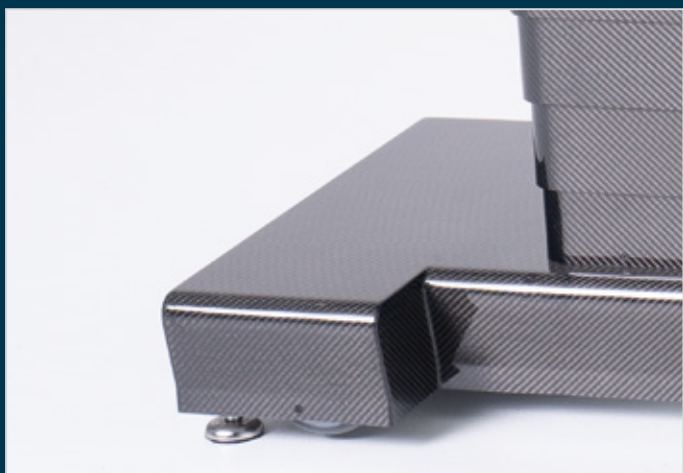
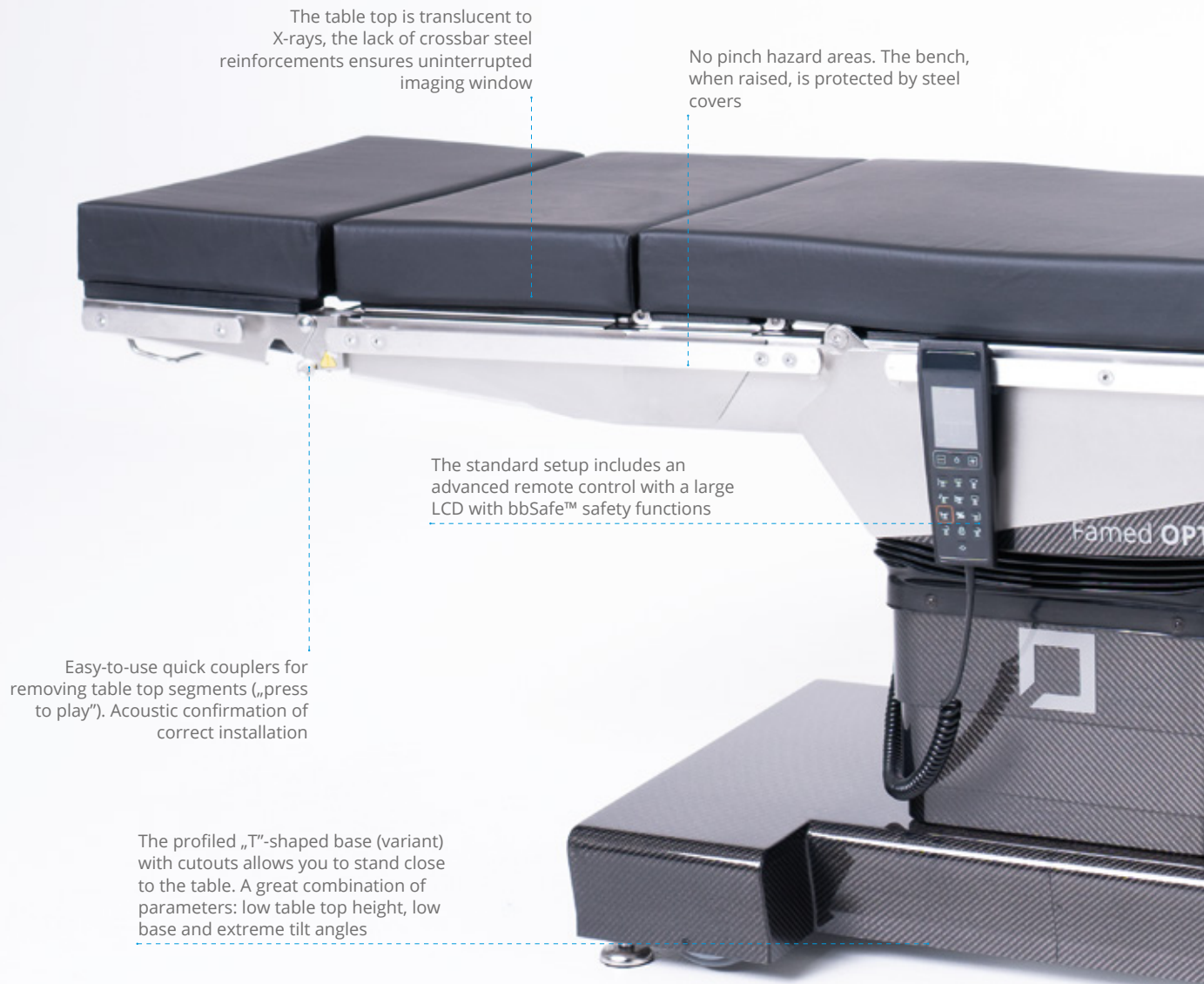
The table can be manufactured with a carbon or HPL table top. Both are translucent to X-rays. The difference is the image quality (better on the fiber variant) and the translucency parameter (0.25 mm Al vs. 0.83 mm Al) – it reduces the harmful dose of radiation with each photo (or fluoroscopy). It is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

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.





Stable when locked

The table guarantees stability even when using 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 by the remote control or via the foot lever). In the „H“ base, the table is locked in place by the wheel blockade (regulated by the remote control or by the foot lever - in the variant with a lever, the table is additionally equipped with a direction wheel).



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 (variant 5.20), 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.



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.

SU-05 OPTIMA - variants

Main variant differentiators are, among others*: material (housing and table top), control options available from the remote control (or operated manually), mattresses, height adjustment range, available types of table top configuration, base type, 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 5.15

Table is made of electropolished AISI 304 stainless steel in **InteliProtectPlus™** technology, with carbon fiber top, carbon fiber housing, 680 mm column, leg section and lock controlled by a remote control, width of 600 mm, mFix™ foam mattresses, flat "T" base.

Famed SU-05 OPTIMA 5.15, 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 SU-05 OPTIMA 5.9

Table is made of electropolished AISI 304 stainless steel in **InteliProtectPlus™** technology, with HPL top, 680 mm column, leg section and lock operated manually, width of 550 mm, mFix™ foam mattresses), flat „T" base.



Famed SU-05 OPTIMA 5.12

Table is made of electropolished AISI 304 stainless steel in **InteliProtectPlus™** technology, with HPL top, 680 mm column, leg section and lock operated manually, width of 550 mm, mFix™ foam mattresses base with increased mobility - „H".

* 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 in standard comes with a basic headrest, a pair of leg plates and 5 sectional table top (includes a kidney bench). It is possible to personalize the table top according to the customer's request (the list of accessories is included in a separate catalog).

4-section table top

Looking at the table from the side, we can distinguish: headrest, back section (no kidney bench), seat, leg plates (pair or one-piece or with four separate sections - depending on your choice).



5-section table top

It is a standard table top. Looking at the table from the side, we distinguish: headrest, upper back section, lower back section (kidney bench), seat, leg plates (pair or one-piece or with four separate sections - depending on your choice).



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

KEY:
 - NONE | O OPTION | IN STANDARD

Technical data

	SU-05 OPTIMA 5.20	SU-05 OPTIMA 5.15	SU-05 OPTIMA 5.9	SU-05 OPTIMA 5.12
Length of the table top and total width with rails (dimensions for 5 sections, standard leg and head sections)	2100 x 600 mm		2060 x 550 mm	
Minimum height, no mattress	550 mm	680 mm		
Maximum height, no mattress	1020 mm	1080 mm		
Maximum load (and SWL)	460 kg (300 kg)		460 kg (275 kg or 300 kg - optional)	
Leg section vertical adjustment	-90° to +25° (one-piece leg plate)		-90° to +30°/+45° (one-piece leg plate/ pair of leg plates)	
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	●	●	○	○
Table top translucency	0,25 mm Al	0,25 mm Al	0,83 mm Al	0,83 mm Al
Base and column covers made of carbon fiber	●	●	-	-
Base and column covers made of IntelliProtectPlus™ stainless steel	○	○	●	●
Profiled, flat „T“ base	●	●	●	-
„H“ type base, with big wheels	-	-	-	●
AlterSafe™ alternative drive	-	-	-	○
Foam mattresses (mFix™) [80 mm]	●	●	●	●
Override pDetach™ panel	○	○	○	○
Available table tops - number of sections	5	5	4/5	4/5
Power source	120/230 V ~ 50/60Hz			
Ingress protection	IPX4			
Batteries	24 V DC, battery autonomy: about 25 cycles		24 V DC, battery autonomy: about 30 cycles	
Weight of the table	250 kg			



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