Maquet Yuno II Mobile Operating Table

Pave the way for high-class techniques

This document is intended to provide information to an international audience outside of the US.

GETINGE

Improve outcomes

– with advanced surgical workflows

Maquet Yuno II provides the extensive, precise, and simple configurability needed for sophisticated surgical techniques in orthopedics, traumatology, and neurology.

Getinge is built on a genuine compassion for people's health, safety, and wellbeing. Founded in 1904 with roots dating back to 1838, Getinge has grown organically and through acquisitions to become a global market leader. Our portfolio offers solutions and support throughout the clinical pathway, and features well-known and dependable product brands, such as Maquet.

Ours is a legacy of trust and an ongoing commitment to advancing medical technology. We maintain close clinical partnerships to address real-world clinical needs, helping you protect patients, proactively avoid complications, and prevent common causes of escalating healthcare costs.

Developed in line with surgeons' requirements, Maquet Yuno II ensures the positioning and access needed to achieve optimum results in open or minimally invasive interventions. The table can be configured for any discipline, increasing your options and maximizing the functionality of your OR.

Easy handling ensures that Maquet Yuno II will simplify positioning for even the most complex techniques to help you focus on what's most important: your patients.

Maquet Yuno II

Your foundation for the future

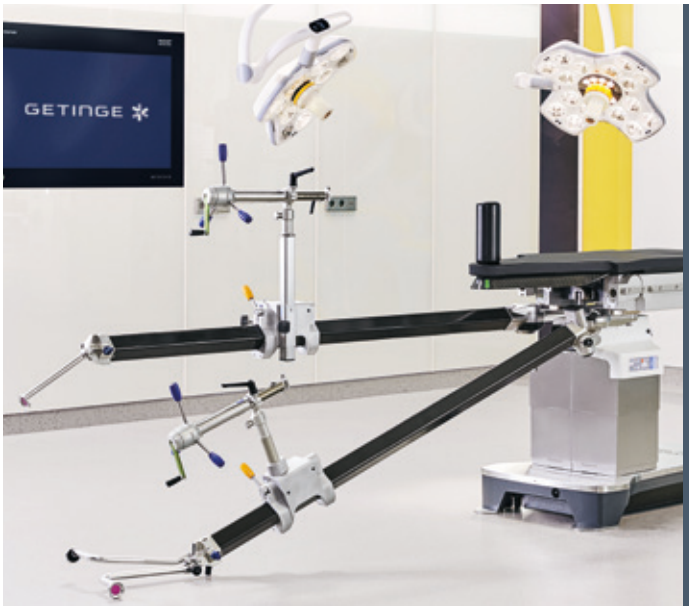
The increasing prevalence of minimally invasive techniques in orthopedics and neurology requires a strong, versatile table that effectively accommodates complex positioning and supports intraoperative imaging. Additionally, hospitals need a table that is easy and flexible to set up and handle in unpredictable trauma cases, guaranteeing fast help for the patient, day or night.

The right choice for minimally invasive techniques

Minimally invasive surgery (MIS) can improve patient outcomes and save costs. Smaller incisions are less traumatic for the patient, reducing blood loss and minimizing the risk of infection, leading to faster recovery and shorter hospital stays. As MIS becomes the standard of care, modern tables need to offer the correct positioning angles for a wide variety of procedures, from hip arthroscopy to tibia nailing.

The versatile components of Maquet Yuno II enable surgical teams and their patients to benefit from MIS by supporting a variety of positions for patients of various sizes.

Some MIS procedures require complex intraoperative patient movement, such as the direct anterior approach to hip replacements. Maquet Yuno II features a well-designed series of accessories that slide and rotate smoothly as needed during the procedure, and lock securely to prevent patient injury.



A cost-effective resource

All hospitals are facing the cost pressure of doing more, doing it better, and doing it safely. That's why Maquet Yuno II is designed for universal compatibility with our existing accessories.

The wide range of positioning options and radiolucent accessories make the Maquet Yuno II Table an excellent choice for the precise disciplines of orthopedics, traumatology, and neurosurgery. But the table is also flexible enough to be used as a universal table, extending the functionality of your OR.

Compatibility with our existing surgical accessories maximizes your existing investment, reduces your upfront costs, and minimizes the need for training.

An operating table is the foundation of the OR. Growing cost pressures require investments in safe and flexible operating tables that can be universally used in conventional or minimally invasive procedures.

The traction bar with ball joint mimics the natural motion of the hip, giving surgeons the full range of motion needed for optimal site access. Radiolucent carbon fiber accessories improve intraoperative diagnostics that are critical to verifying the correct repositioning of the skeletal structure, and reviewing the result of the procedure to keep the patient safe.

Ready when you are

When trauma patients arrive in your emergency department, there's no time to lose. Night or day, your OR must be ready. With the flexible Maquet Yuno II Operating Table, it's easy to quickly configure the table to meet the needs of the procedure and surgeon, even with limited staff on call.

MAQUET YUNO II MOBILE OPERATING TABLE

Simplifying DAA
to total hip replacement

The minimally invasive direct anterior approach (DAA) to total hip replacement reduces muscular trauma and minimizes pain. Because patients can begin rehabilitation faster, they spend less time in the hospital and are able to resume their normal lives.

There are different approaches to hip joint replacement. Besides the conventional lateral and posterior approaches, the direct anterior approach is a minimally invasive technique that does not require detaching or cutting the patient's muscles to access the joint. Keeping the muscular structure intact minimizes the risk of hip dislocation and can reduce the recovery and rehabilitation time.

This may lead to shorter hospital stays and cost-saving potentials for the hospital.

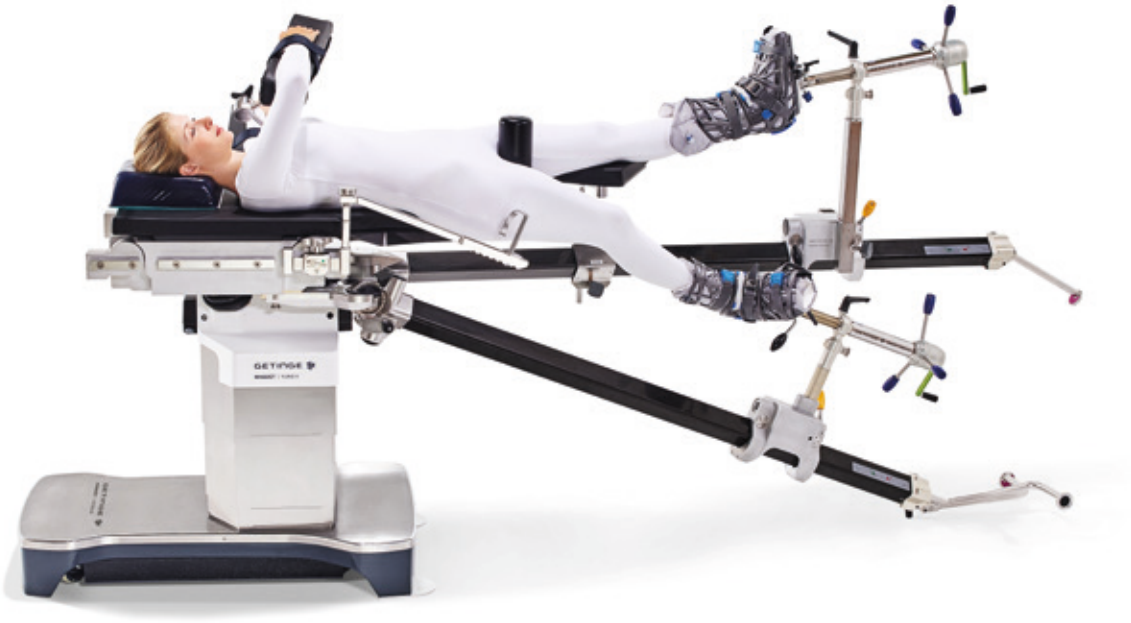
However, the direct anterior approach requires a complex course of leg movements throughout the procedure. Maquet Yuno II was designed to provide smooth combinations of leg rotation, abduction, adduction, and height adjustments to secure surgical site access while minimizing ergonomic strain for the surgical team. The traction bar with ball joint mimics the smooth multidirectional movement of the hip itself. It is easy to operate, flexible to position, and securely locked to prevent overextension and keep the patient safe.

Simple set-up so you can focus on the patient

Surgeons can spend less time adjusting the table and more time focusing on the patient with Maquet Yuno II. The screw tension device with slider and hand gear makes it easy to safely adjust traction levels. Larger adjustments can be made by sliding the device to the end of the bar, while the green handle allows fine tuning for precise and secure patient positioning.

Precise leg rotations can prevent injuries

The star-shaped handle allows the leg to be easily rotated into the correct position at any time during the procedure. A degree indicator identifies the exact position of the limb to ensure accuracy. The handle automatically locks into place to prevent injury from human error.



Smart design improves workflows

Control units are located at the end of the traction bars, allowing full control even after the table is fully draped. Positioning the control units away from the surgical site prevents overcrowding near the surgeon, streamlining workflows. An automatic lock function engages when the traction bar with ball joint is released, preventing injury caused by dropping the extension device.

Quality imaging improves outcomes

Intraoperative imaging plays a significant role in the success and safety of a procedure. As the traction bars of Maquet Yuno II are made of carbon fiber, they allow for clear imaging with a C-arm. This gives surgeons the opportunity to check the positioning of the prosthesis and make any necessary adjustments while the patient is still in the OR.

Maximizing traction
for hip arthroscopy

Hip arthroscopy (hip scope) is a minimally invasive technique that has the potential to improve patient outcomes by minimizing pain, reducing the risk of infection, and accelerating the rehabilitation timeline. Hip scope procedures repair damage to the labrum, articular cartilage, or soft tissues surrounding the joint, postponing arthritis or delaying the need for a full hip replacement.

In order to gain proper access to the tissue, the femoral head must be pulled out of the acetabulum under maximum traction. Maquet Yuno II is designed to enable a strong traction of up to 80 kg in the most comfortable way for the surgical team. It offers the flexibility needed to handle a patient population of diverse sizes, preventing manual strain on the scrub nurse.

Ventral capsule relief increases patient safety: The long vertical adjustment allows clinical staff to lift the patient's leg to an angle that relieves the ventral capsule during the maximal traction of hip scope procedures.

Simplified workflow: Using the slider, the scrub nurse can ease traction in one smooth motion simply by supporting the patient's knee and pushing the screw tension device towards the table.

Improving ergonomics
for femur fracture repair

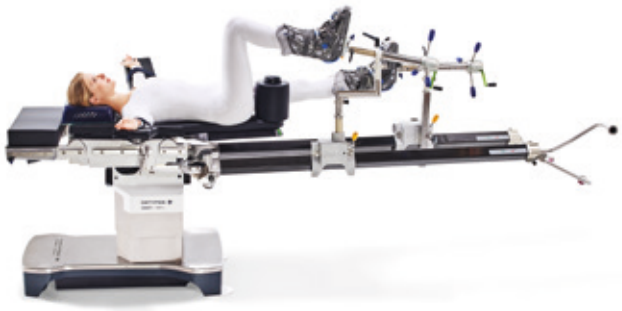
The longest and strongest bone in the body, the femur, requires a tremendous amount of force to set fractures. Ergonomic positioning for the surgeon and accessibility of intraoperative imaging are of equal importance for a successful patient outcome.

With Maquet Yuno II, surgical teams can easily position the table in the ideal configuration for both surgeon and patient. The smart design of the carbon fiber traction bars reduces the complexity of femur setups and improves the surgical workflow.

Highest table setting improves ergonomic conditions: With the highest table position on the market, surgeons can place the table at a comfortable height to eliminate back spasms and prevent fatigue from bending and twisting.

Imaging quality: Carbon fiber traction bars give surgeons the flexibility to check results immediately using a C-arm. This saves time and money by eliminating the need for separate follow-up imaging, and allows surgeons to make necessary adjustments without delay.

Long vertical adjustment offers ventral capsule relief



Sliding function simplifies workflow

Higher table settings improve ergonomics for the surgeon

Carbon fiber bars improve intraoperative imaging

Improving imaging access
for pelvic fractures

Traumatic pelvic fractures often cause extensive bleeding and organ injuries that require urgent treatment and clear intraoperative imaging. With Maquet Yuno II, the radiolucent elements can be quickly set up to reduce the time to treatment, a critical factor in survival rates for traumatic pelvic injuries.

Better image quality improves safety: With a carbon fiber sacral rest, a fully radiolucent pelvic area, and carbon fiber traction bars, there is nothing to interfere with the quality of intraoperative imaging. Surgeons can quickly assess the patient's condition and immediately begin treatment – delivering better outcomes, all in the same room.

Flexible positioning in supine or prone position

Providing excellent access
for tibia nailing

Good access and optimal patient positioning are crucial for the outcome of tibia nailing procedures. Tibia nailings enter the tibia from just beneath the patella. Positioning the tibia at an angle of 90° or less separates the patella from the tibia and improves the access for the tibia nailing. Our existing extension accessories can be used to enable improved angles for tibia access.

Maximizing the value of your investment:
Maquet Yuno II is compatible with our existing extension accessories, minimizing implementation costs and maximizing the ROI of your existing equipment.

Maquet Yuno II with tibia adapter and joint supporting arm

Enhancing imaging possibilities
for shoulder surgery

When it comes to the complex demands of shoulder surgery, a large imaging window is essential. Maquet Yuno II contours perfectly to the patient's body to comfortably accommodate the full range of shoulder and upper arm procedures. An accessible and radiolucent design enhances intraoperative imaging to improve patient safety.

Better images for better outcomes: Clear images help surgeons assess the proper positioning of bones, particularly in the treatment of clavicular or humero-radial joint head fractures.

Maquet Yuno II with radiolucent back plate 1433.34 AC

Ensuring exceptional stability
for neurosurgery

Neurosurgeons require the utmost stability as they work with delicate nerve structures. Maquet Yuno II incorporates several important safety features to prevent accidental table movements.

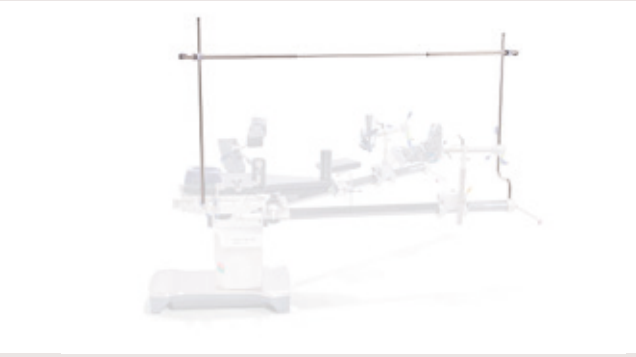
Stable three-point stand: The cast iron stand provides excellent stability, preventing all movement if the table is bumped.

Secure lock functions: Lock functions eliminate accidental table movements, even when pushing the hand control buttons.

Maquet Yuno II with cross-bar attachment and steel skull clamp

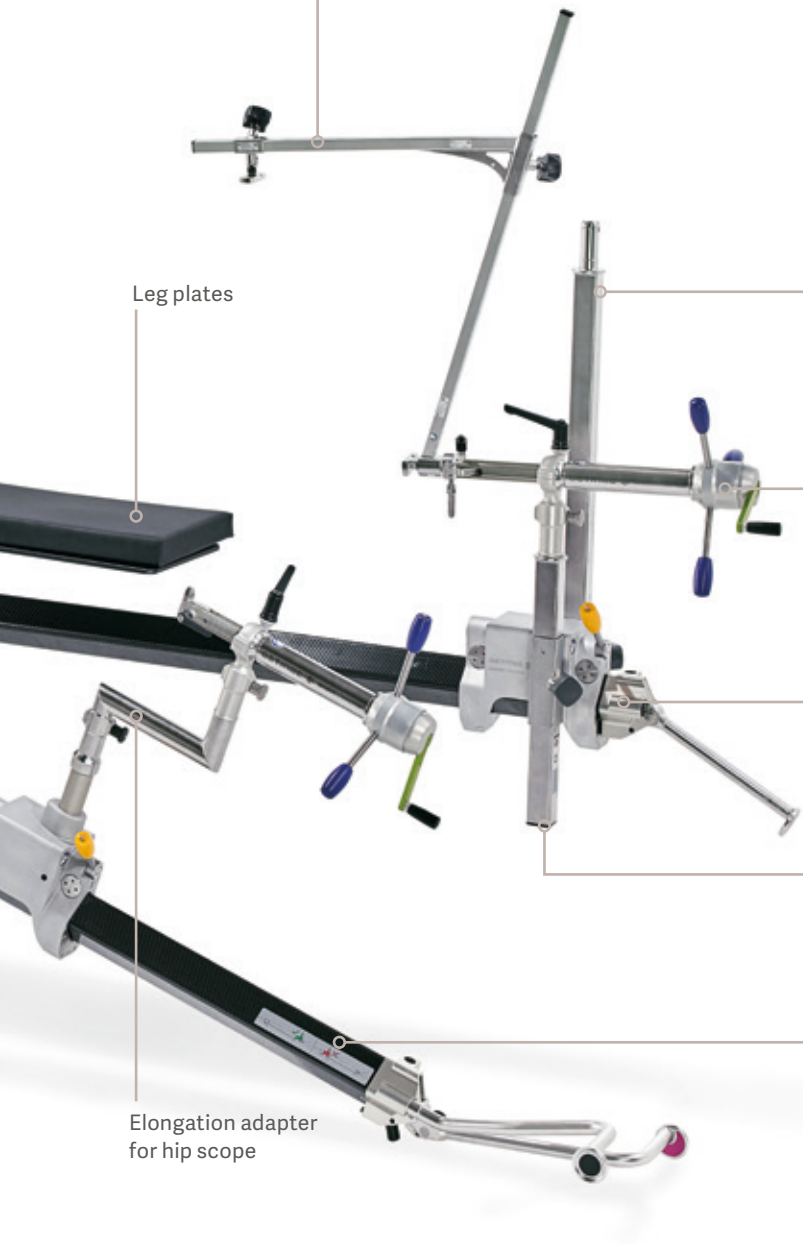
Accessories

Because our existing extension accessories are compatible with Maquet Yuno II, the overall cost of ownership is reduced. Familiar elements minimize training time to improve overall workplace efficiency.



Frame for sterile drape

Tibia adapter



Trolley for traction bars

Accessory trolley

Technical specifications

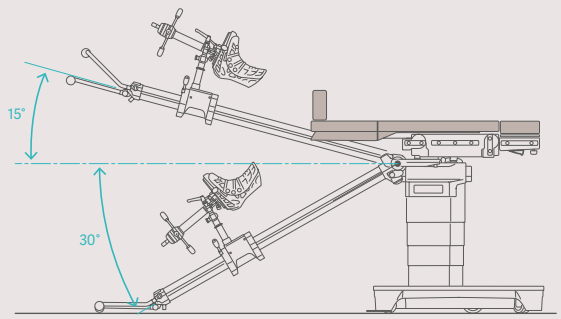
Technical information	
Max. overall load	454 kg / 1,000 lbs
Operating table weight	400 kg
Complies with CE requirements as per 93/42 EU Medical Device Directive, UL approved	

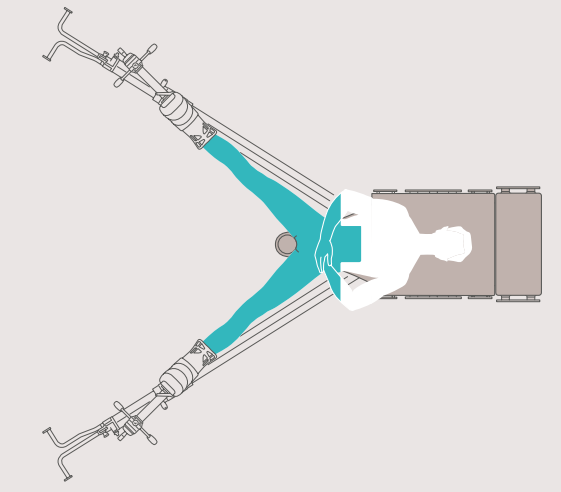
Adjustment options using corded or IR remote controls	
Height without padding	670–1,270 mm ± 30 mm
Trendelenburg / Reverse Trendelenburg	43° ± 2°
Lateral tilt	23° ± 2°
Lateral tilt with attached extension bars	15° ± 2°
Lower back plate	+90° / -90°
Leg plates (individually or synchronously adjustable)	+90° / -90°
0-position (horizontal position possible for entire table top or for leg plates only)	

Manual movements	
Traction bars – Leg abduction (outside)	45°
Traction bars – Leg adduction (inside)	45°
Traction bars (up)	15°
Traction bars (down)	30°
"Lock" / "Unlock" settings (prevent / enable movement of table)	

Versions of Maquet Yuno II	
1433.02B0	EU version
1433.02F0	US version

Optional control elements	
1433.90A0	Corded hand control
1433.91A0	IR hand control
1009.70A0	Mobile charging station for IR hand control
1009.71A0/B0	Stationary charging station for IR hand control





Construction features

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- Rechargeable battery and mains operation (see electrical specifications)
- Stable base construction with four double swivel castors for easy movement and maneuvering (base can be locked via control units to prevent movement)
- Base cover made of stainless steel
- Cover for the override panel made of GFR composite plastic, resistant to impact, breakage and disinfectants
- Column casing made of chrome-nickel steel
- Identical interfaces on normal and on reverse side
- Autodrive function
- Sensor Drive compatible

Electrical specifications

- Specially designed rechargeable batteries, with a single charge lasting about one week in the operating room
- Electronic charge monitoring, with visual and aural indicators
- Batteries recharged from the mains supply, 100–240 V AC (adjustable), 50–60 Hz, over mains cable
- Safety class II, Type B; the enclosure leakage current meets the requirements of the patient leakage current for CF conditions as per EN 60601-1

Maquet Yuno II accessories	
1433.66AC	Extension plate with 3 holes
1433.66BC	Extension plate with 1 hole
1433.41XC	Table top for extension
1433.42A0	Femur hook
1433.67A0	Tibia adapter
1007.40A0	Traction bar with ball joint including slider
1007.41A0	Traction bar including slider
1007.42AC	Leg plates pair
1007.43A0	Screw tension device
1007.44X0	Sliding clamp
1007.45A0	Support plate
1007.46A0	Trolley for traction bars
1007.47A0	Accessory trolley
1007.48A0	Frame for sterile drape
1007.49A0	Traction frame for prone and lateral position
1007.50AC	Adapter for countertraction post for femur
1007.51A0	Vertical adjustment for hip scopes long
1007.51B0	Vertical adjustment short
1007.52A0	Bar extension

GETINGE

Getinge is a global provider of innovative solutions for operating rooms, intensive care units, sterilization departments and for life science companies and institutions. Based on our firsthand experience and close partnerships with clinical experts, healthcare professionals and medtech specialists, we are improving the everyday life for people – today and tomorrow.

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