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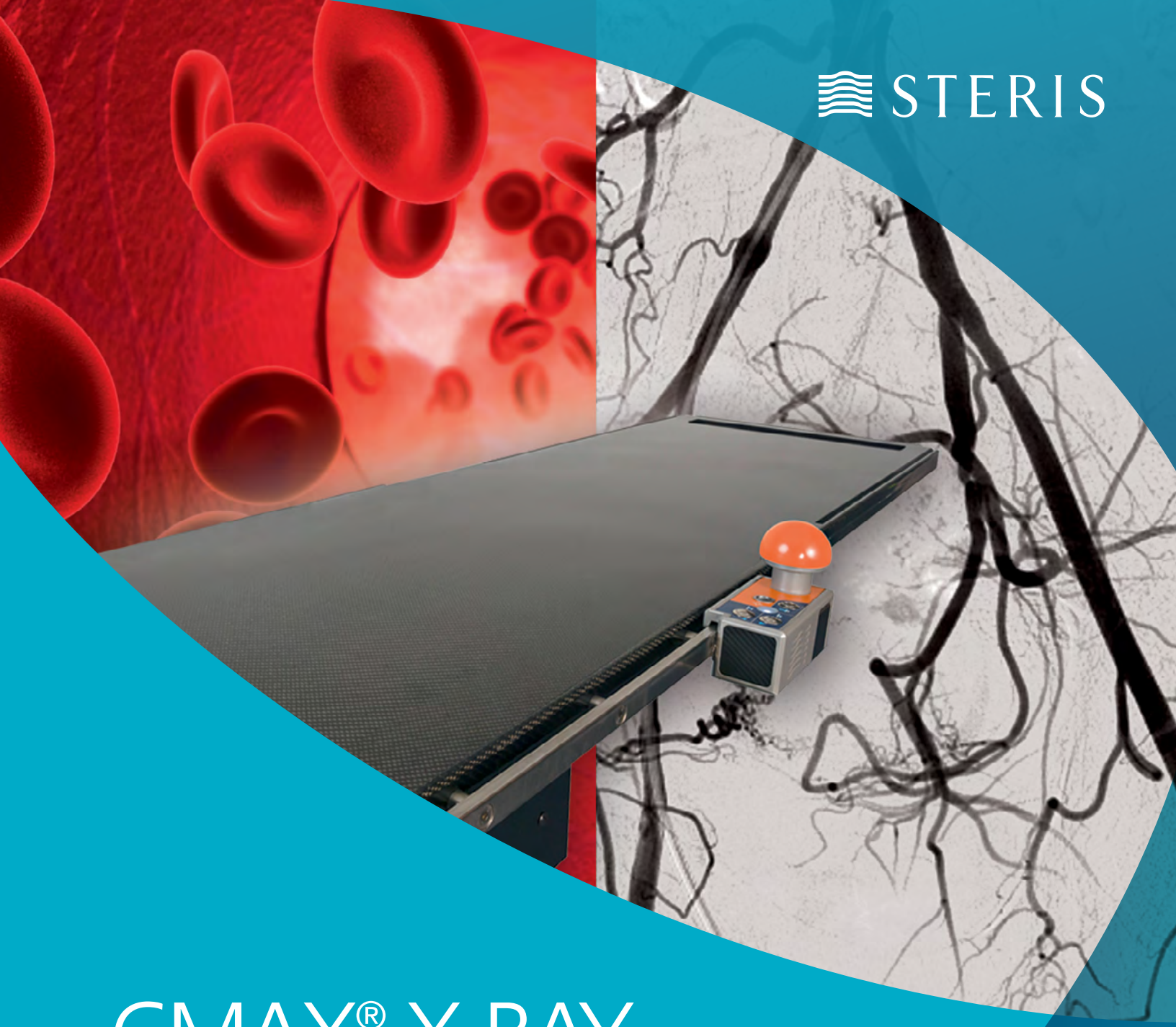


CMAX® X-RAY

Mobile Image-Guided Surgical Table

Advancing Care Through
Purposeful Innovation

Radiolucency For All

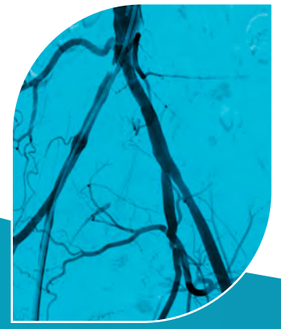
Hybrid Room Technology for the General OR

Advances in intra-operative imaging and surgical navigation have opened up marvellous opportunities for surgical teams. With imaging quality comparable to that obtained by a radiology department available throughout the operation, image-guided surgery becomes efficient and safe. But this also poses a challenge: how can these new technologies be incorporated whilst also developing the other surgical specialities? The CMAX® X-Ray operating table is the answer.

CMAX X-Ray is the ideal partner for the C-Arm. It is especially recommended for vascular surgery, neurosurgery, and cardiac surgery, but is also an ergonomic touchstone for every type of surgery: thoracic, gynecological, urological, orthopedic, pain management, etc.

With its focus on the future, CMAX X-Ray stays one step ahead of the development of your surgical techniques.







Features that meet your imaging needs



Unobstructed radiolucent surface



Maximum weight of patient: 507 lbs without extensions



Table adjustment using the hand control



Floating tabletop adjusted by Bluetooth joystick control



Motorized drive

One Table for Every Type of Surgery

The CMAX X-Ray table stands out for its exceptional versatility

- Quick and precise adjustment using the wireless (Bluetooth®) Joystick Control
- Exceptional patient weight capacity and articulation capability
- Easy adaptation of a wide range of extensions and speciality accessories

Lighten the Workload

CMAX X-Ray is equipped with a powered drive wheel for:

- Effortless table mobility
- Precise 360° rotation of the table in the operating room





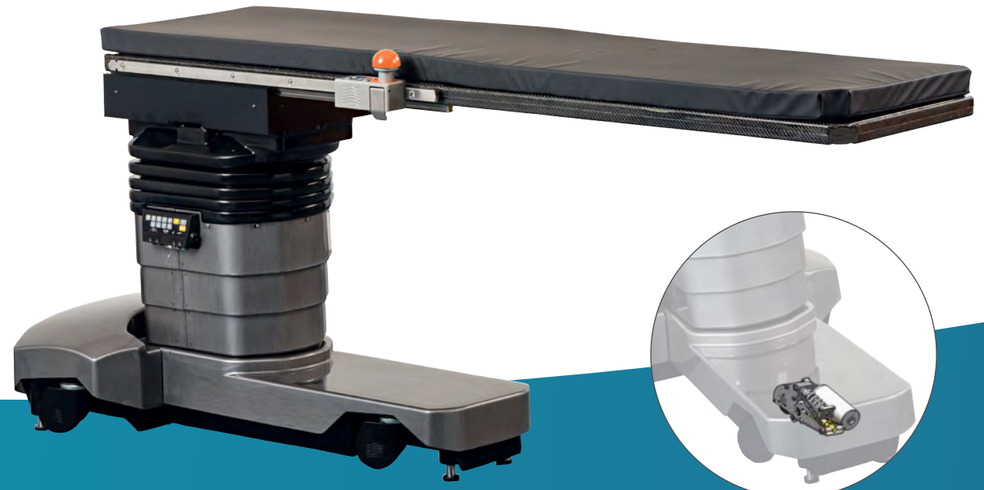
1) Height: 26" - 41"



2) Trend / Rev Trend: 30°



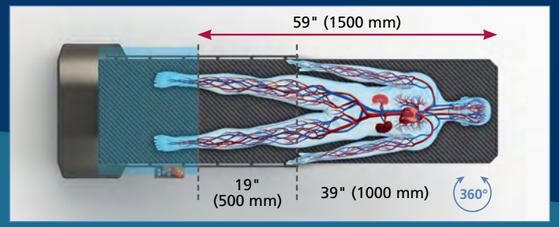
3) Tilt: 20°

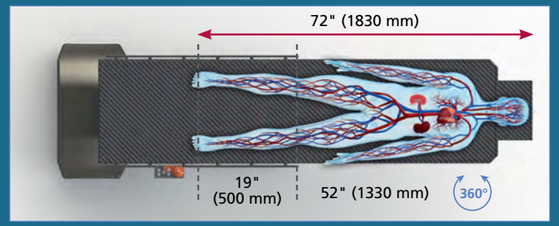


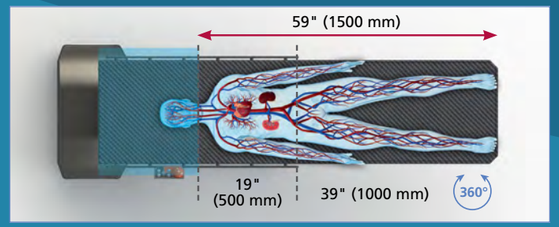
Superior Imaging and Access

A table designed for the imaging techniques of today and tomorrow...

- Very large 360° radiolucent surface: 39" (1000 mm) and 52" (1330 mm) with head section installed
- The carbon fiber tabletop 0.6 mm aluminum equivalent) ensures excellent intra-operative imaging quality
- Reduced emitted radiation dose for enhanced safety of patients and staff
- The C-Arm's detector can be positioned easily around the narrow, compact base







The mobile base is compact and accommodates positioning of the amplifier.

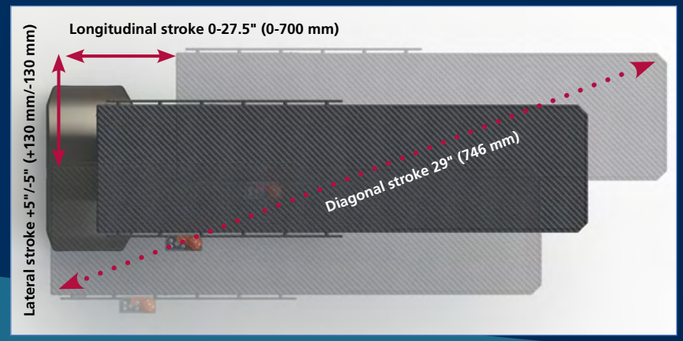
In case of impact, the ABS plastic covers undergoe deformation, but immediately return to their original shape.





360° Radiolucency area of up to 52" (1330 mm)

The Only Floating Tabletop with a Wireless Joystick Control



A revolution in image-guided surgical approach

The CMAX X-Ray design saves precious time when using intra-operative imaging

- The position of the C-Arm is adjusted only once before the operation
- The surgeon then moves the patient on the free floating tabletop using the intuitive and precise Joystick Control

Quick, responsive movement

- Using the joystick, movements can be performed intuitively in two axes at the same time. The surgeon can easily follow the anatomic pathways of the vascular system in real time
- Thanks to these quick adjustments, the radiation exposure time of people present in the room is considerably reduced



Intelligent Controls

Using the Bluetooth joystick, the floating tabletop can be adjusted at the touch of a finger. This innovation is convenient for the surgeon:

- Free choice of position on the tabletop
- No risk of disturbance between the brightness amplifier and the electrical connections. The Bluetooth joystick incorporates the following functions:
  - Floating tabletop adjustment using the joystick
  - Activation of the floating tabletop
  - Re-center tabletop
  - Height Up/Down



Intuitive Hand Control

The hand control provides:

- Intuitive function selection
- Color screen with information feedback and display of position in space
- Backlighting of screen and pictograms
- Collision prevention using a vibrating signal (Auto Limit Sensor)
- Storing positions (up to eight programmable or pre-set positions)

Versatility Across Surgical Specialties



Vascular and Carotid



Gynecology and Urology



Cardiothoracic



Spinal and Orthopedics



Neurosurgery, Neuro-spine, and ENT



Vascular and Endovascular

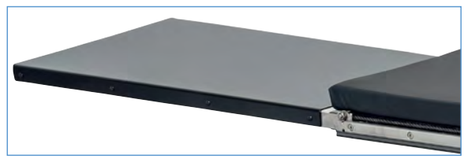




Accessorize and Customize



Rotary self-locking accessory clamp



Catheter holder to place catheters, wires, guides, and balloons nearby



Removable support for side rails, to reconfigure the table very quickly according to imaging requirements



TA800CF radiolucent arm extension
Arterial-veinous fistula

A complete range of head sections





Radiolucent skull clamp & horseshoe headrest



Radiolucent dual-articulating headrest



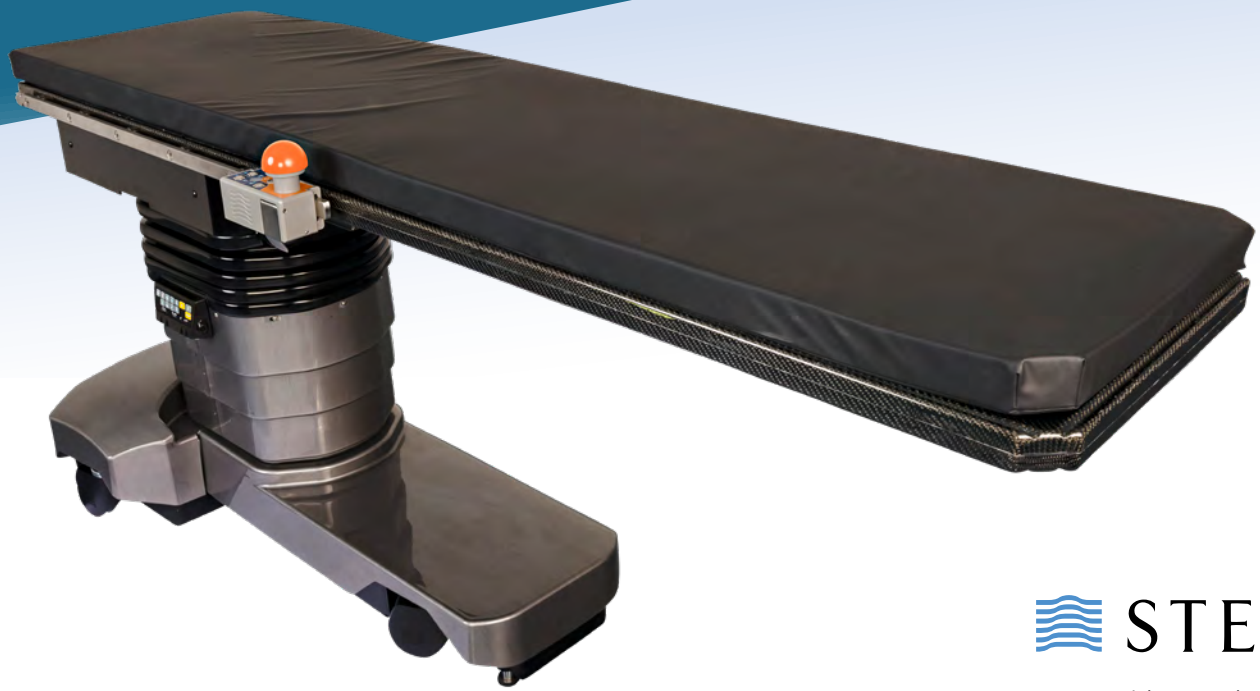
Standard single-articulating headrest

The Cmax Xray table is a Class I medical device. To use this equipment safely, carefully read the instructions in the user manual and on the labelling.

Technical Characteristics

Electrical Characteristics	
Mains	100-240 VAC 50-60 Hz / 420 VA max 1
Protection	Class 1 type B
Batteries	2 x 12V 24Ah lead sealed
Standalone operation	1-2 weeks
Maximum charge time	12 hrs
Charge/discharge indicator	Mobile base bargraph + hand control
Liquid Ingress Rating	IPX4

Mechanical Characteristics	
Height Up/Down:	41”/26” (1040 mm/680 mm)
Left tilt/Right tilt:	20° / 20 °
Trend/Rev Trend:	30° / 30 °
Longitudinal slide:	0 - 27.5” (0 - 700 mm)
Lateral slide:	10” total; +5”/-5” (260mm total; +130 mm/-130 mm)
Tabletop length:	79” (2000 mm) (excluding extensions)
Tabletop width:	20.4” (520 mm); including siderails 22” (560 mm)
Off-load table weight:	727.5 lbs (330 kg)
Patient weight capacity	507 lbs (230 kg), (patient + accessories with tabletop slide & excluding extensions)
Maximum patient weight capacity (up/down only)	595 lbs (270 kg) (patient + accessories with level tabletop, centered slide/load, and standard headrest extension)
Radiological imaging window	59" (1490mm) without headrest extension 72" (1820 mm) with headrest extension
360˚ Radiological access	39” (1000 mm) without headrest extension; 52” (1500 mm) with headrest extension
Floor clearance/Wheel diameter	0.6” (16 mm) / 3.9” (100 mm)



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