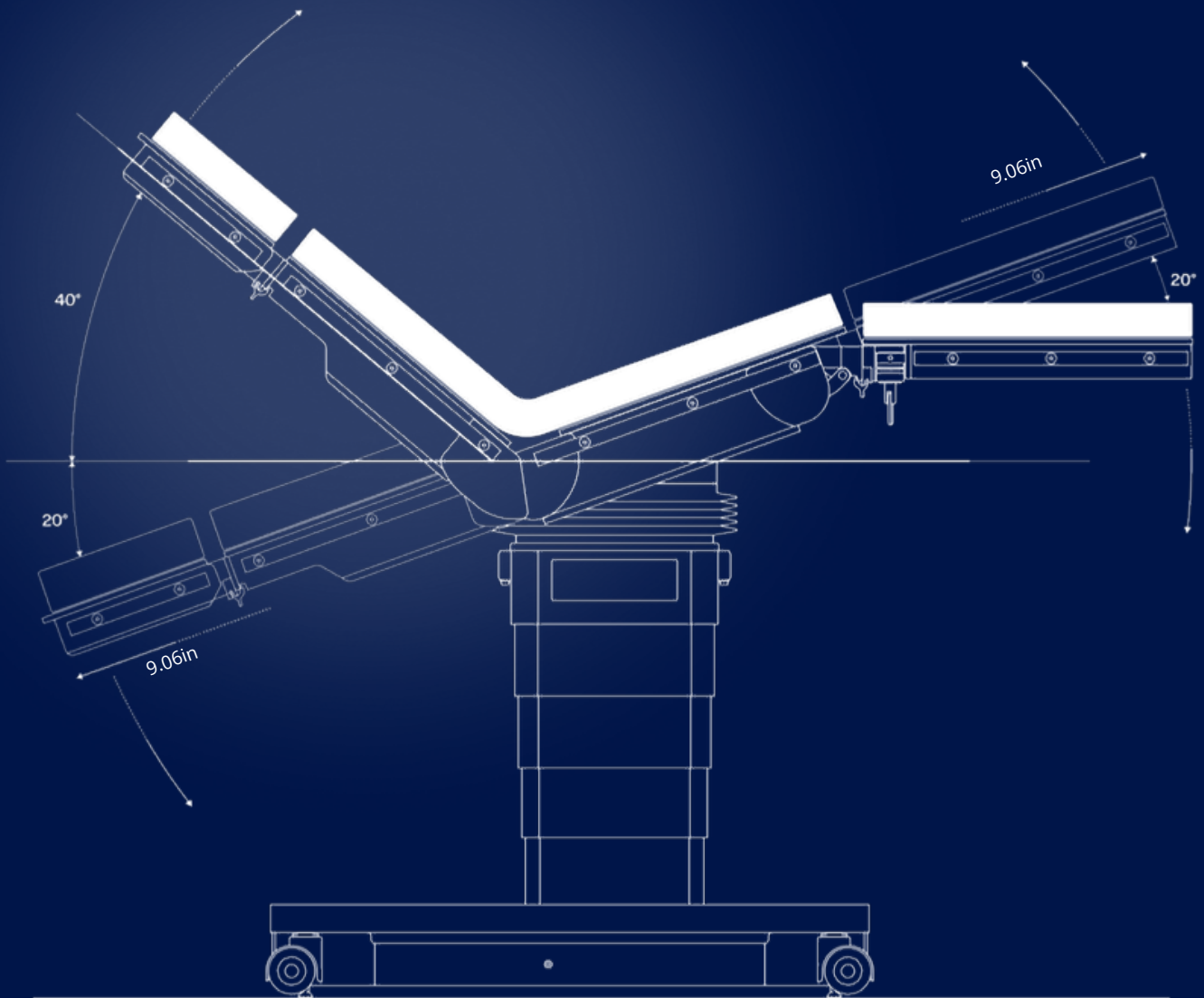


INFINIUM[®]

ST500

Versatile & Efficient
Surgical Platform

Designed to provide an efficient platform for various surgeries, streamlining surgical workflows, and enhancing the efficiency of the operating room



Ergonomically designed to provide optimal surgical positions, ensuring convenient and comfortable procedures for both surgeons and patients

INFINIUM[®]

Introduction

Today's flexible surgical environments require tables that can easily adapt to a variety of situations to bring nurses, technicians, and specialists together to provide efficient surgical procedures





GREAT IN COMBINATION WITH INFINIUM - LUXOR 400 LED Light Systems

The Infinium LUXOR Series is a leading shadow-less Surgical and operating room light series that offers Innovative features & outstanding product quality. It is in use in medical facilities in over 80 countries worldwide. The LUXOR 400 has won numerous international design awards (IF, GD, etc.)

and was selected as a next-generation world-class product, changing the paradigm for innovation and efficiency.

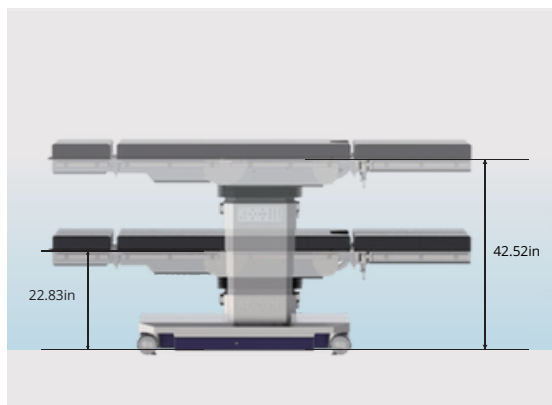
NOW, based on more than 15 years of development know-how and clinical data, the ST500 Surgical Platform is offered as a superior alternative for surgery centers.

INFINIUM® | ST500



Features

- Smart Anti-Collision
- Table height of 22.83in ~ 42.52in
- Weight capacity of 1,000 lbs
- Longitudinal shift 18.11in
- LCD Remote Control (Display Realtime Information)
- Pre-Programmed memory 4 position
- LED Indication
- 360° rotative 4 wheel castors



Versatile

INFINIUM ST500 Surgical table provides an exceptionally low height for MIS, robotic and bariatric techniques without sacrificing the height needed for orthopedic and cardiac procedures



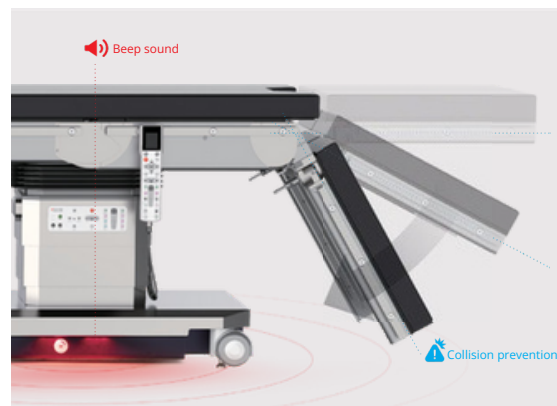
Efficient

Optimal solution for cardiovascular surgery with wide imaging access and better radiolucency



Intelligent

Intelligent remote control makes it easy to precisely adjust the patient's position



Safe

revolutionary surgical table that allows for safe and secure surgeries

Versatile for Multiple Positions



Lower Limb Surgery



Gynecology / Urology Surgery



Orthopedic Surgery



Neuro Surgery



Spine Surgery



Kidney Surgery

Efficient

Easy to Attach Accessories

The INFINIUM ST500 series allows users to efficiently handle the removal and attachment positions of accessories such as orthopedic traction frames in a short period of time



Ergonomics & Usability

INFINIUM ST500 Series Tables and accessories are configured to provide an efficient platform for each procedure to suit the volume and variety of procedures to focus on the patient, streamlining the workflow and improving the efficiency of the operating room





Kidney Elevator

The INFINIUM ST500 Series offers an optional 11cm kidney elevator that can be used with the Flex function



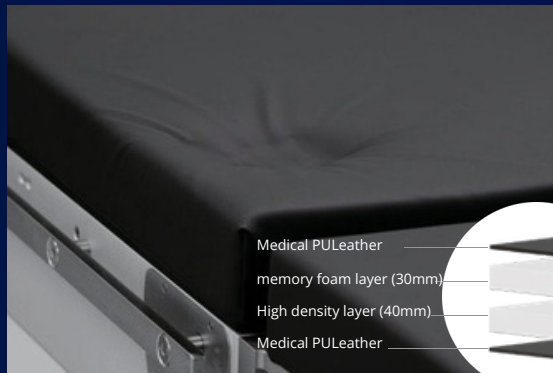
One Button Design

The INFINIUM ST500 series allows users to efficiently handle the removal and attachment positions of accessories such as orthopedic traction frames in a short period of time



Gas Spring Headrest Adjustment

Easy angle manipulation with gas spring and high safety posture-maintenance functionality



Comfort Mattress

The memory foam seat adjusts according to the user's body shape, ensuring an accurate and comfortable posture is maintained

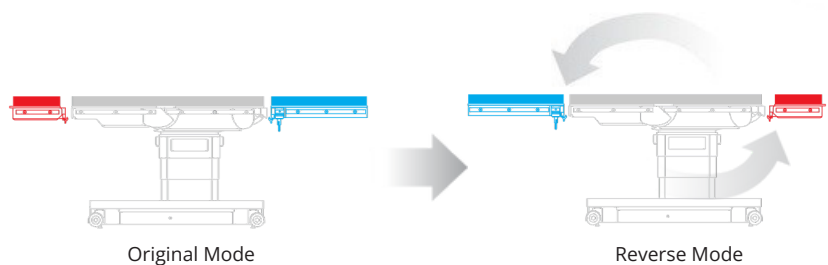
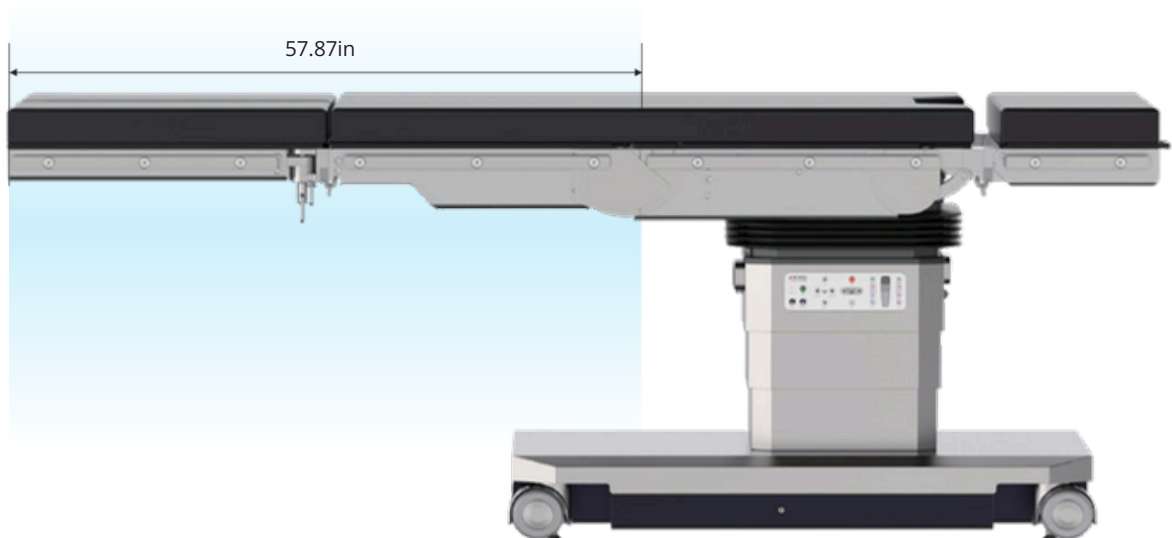
Imaging Access

The ST500 has a radiotranslucent sliding top with removeable and reversible configurations. The design allows for ample image options and C-ARM access.



Reverse Mode

To secure a wide imaging area, it can be utilized by switching to reverse mode



Designed for Optimal C-arm Access

INFINIUM® | ST500

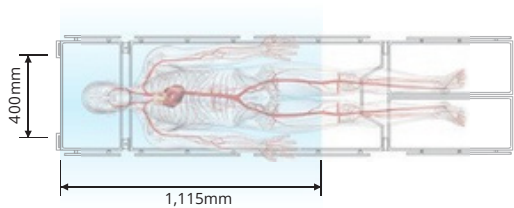
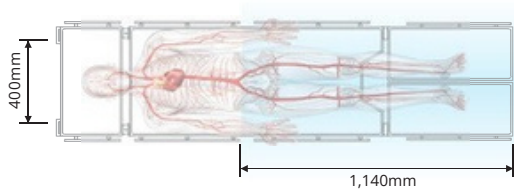
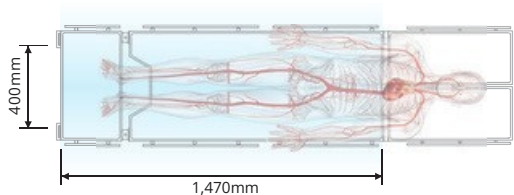
The combination of upto 460 mm of Longitudinal shift allows the patient to move to the desired position, and the low base height and narrow column enable effective C-arm access. Additionally, the 400mm imaging area width is efficient for high-quality image acquisition



Optimal solution for cardiovascular surgery with wide imaging access and better radiolucency



Effective C-arm access



Imaging area

Table Slide to Head (Normal Mode)	Imaging Length	Width	15.75in
		Length	43.90in
		Total imaging area	14.63 sq.ft

Table Slide to Foot (Normal Mode)	Imaging Length	Width	15.75in
		Length	44.88in
		Total imaging area	14.96 sq.ft

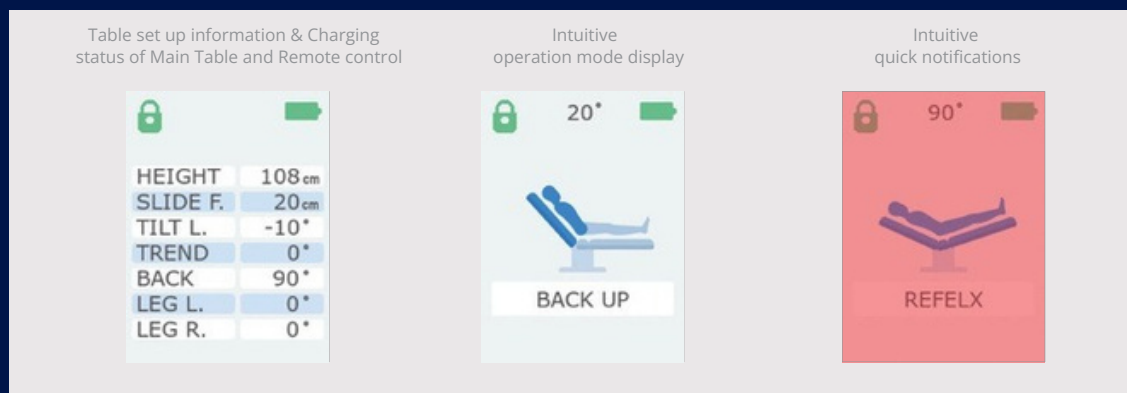
Table Slide to Foot (Reverse Mode)	Imaging Length	Width	15.75in
		Length	57.87in
		Total imaging area	19.29 sq.ft

Intelligent Remote



Features

- The LCD display provides information on basic table condition and potential table section interference with automatic limit sensor function and service diagnostics
- Instant access to smooth articulation, return-to-level, floor lock activation and patient positioning
- Anti-collision software will stop sectional collisions
- Inteligently designed buttons icon offer quick and confident identification of the frequently used functions
- Efficient remote control designed for wired and wireless use
- Backlit screen for clear visibility in darkened rooms
- Pre-programmed positions : Fracture Table and beach chair



Smart Remote Control

The smart remote control makes it easy to position the patient. The ergonomic design and easy-to-read LCD display deliver instant table position data without lifting sterile drapes

There is also an automatic collision avoidance device to protect the table



Wired / Wireless Remote Control

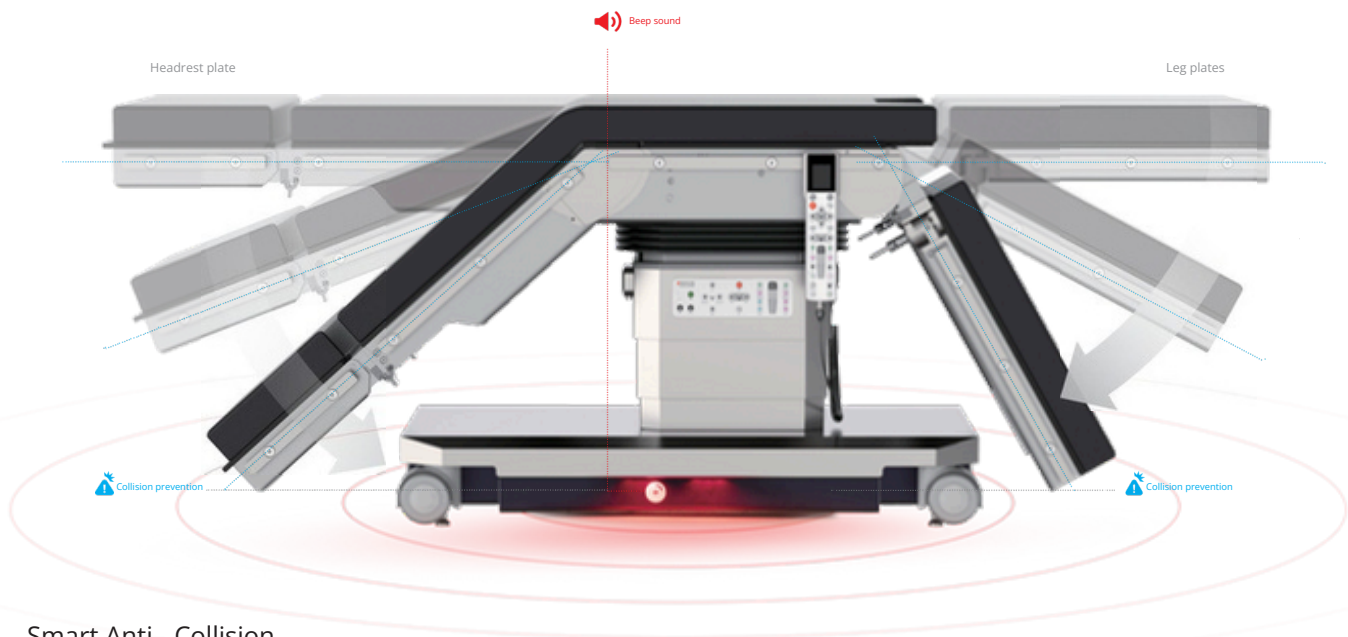
Available for both wired and wireless use according to user convenience



Return to LEVEL (Zero Position)

Provides a feature to reset the surgical table to its initial settings after each surgery, tailored to accommodate all surgical procedures

Safety Mechanisms



Smart Anti - Collision

The intelligent collision prevention system utilizes a modular recognition system to monitor the positions of table elements, effectively preventing collisions

This system also safeguards against leg plates colliding with solid objects when the table is covered with sterile surgical sheets



Self-Locking

The self-locking system allows the headrest or leg plate to be attached safely and efficiently



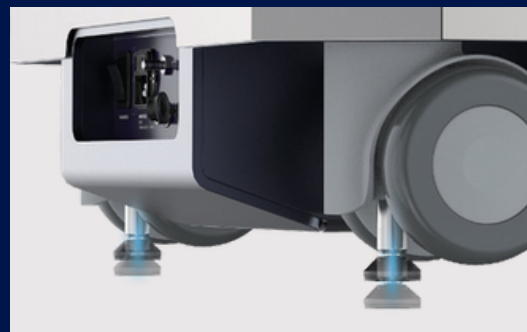
LED Collision Indication

Indicators on either side of the lower base assist collision prevention between table sections, even in concealed areas



Battery indicators

It is designed to allow real-time checking of the battery level



Self-leveling

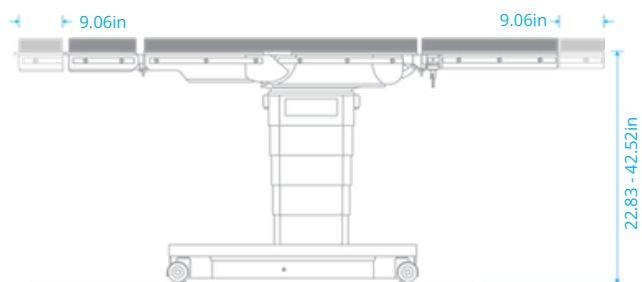
Floor locking mechanism for stability even on uneven surfaces

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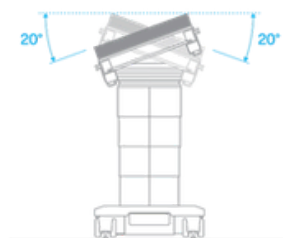


Technical Drawings

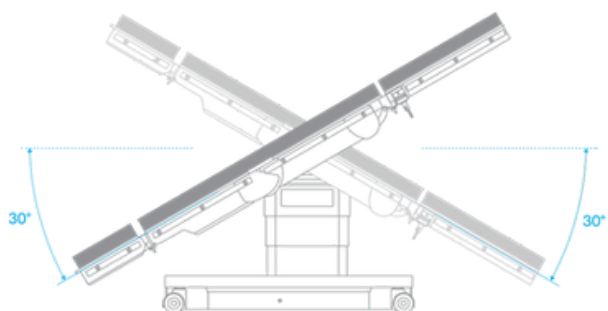
INFINIUM® | ST500



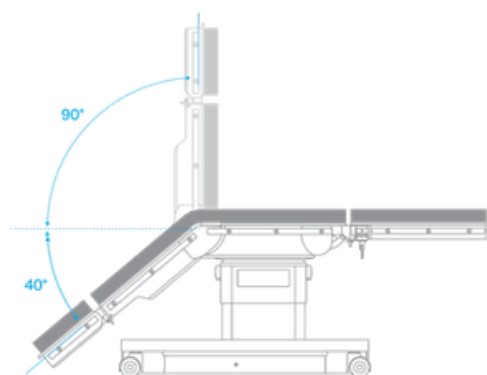
Longitudinal slide



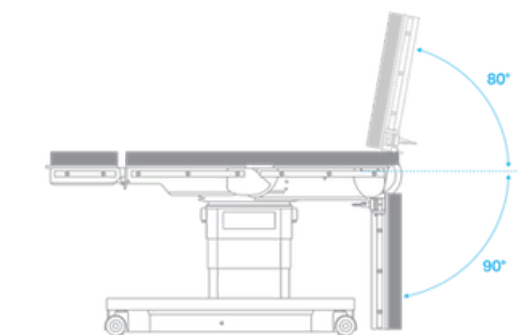
Tilt



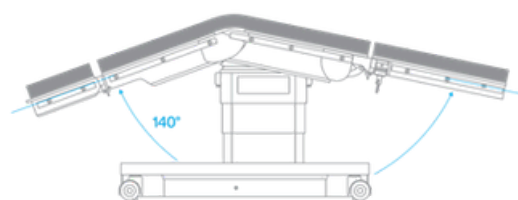
Trendelenburg



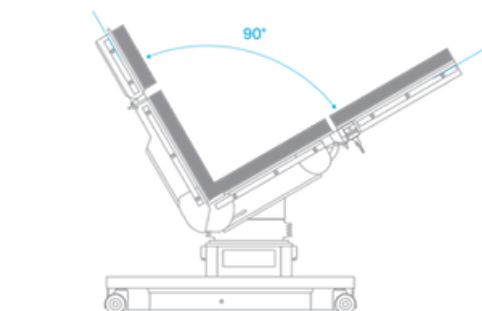
Back



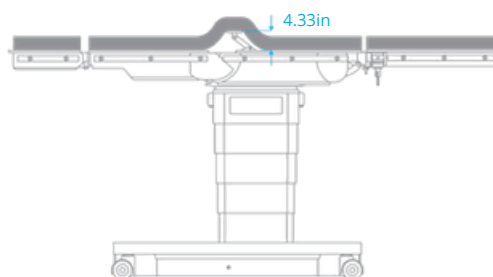
Leg



Flex



Reflex



Kidney elevator

Technical Specifications

Construction features

- Can operate with internal power and external power
- 4 point self leveling floor locks ensure stable positioning of the table with fully mechanical emergency brake release
- Column casing and base cover made of stainless steel
- Supporting frames for the seat section and back section made of aluminum
- leg plate sockets, joint covers and side rails made of stainless steel
- Operating table top subdivided into four sections : headrest, back plate, seat plate, leg plates
- Symmetrical accessory interfaces for Normal and Reverse positioning
- If the electronics or hydraulics fail, an integrated tool can manually unlock the brakes

Electrical data

- Specially designed batteries with capacity for two working days use in the operating room
- Electronic monitoring of the battery charge level with optical indicator
- Batteries recharged from mains power supply, 50-60 Hz,via power supply cord

Rail Dimensions:

9.5mm x 28.5mm
.375" in x 1.125" in

ST500 Technical Data

Length of operating table top	85.55 in
Width without side rails	20.47 in
Width across side rails	22.52 in
Weight	705.48 lb
Maximum overall load (patient and accessories)	•1,000 lb.(454 kg) patient support, including raise/lower (when centered on the column in Normal Orientation) •600 lb.(272 kg) full table articulation, including Slide •350 lb. (159 kg) : Reverse Mode

ST500 Electrohydraulic Adjustments

Height without padding	22.83 - 42.52in
Trendelenburg / Reverse Trendelenburg	30°/30°
Lateral tilt	20°
Back plate	90°/- 40°
Leg plate	10°/- 90°(Manual)
Headrest (Manual)	45°/- 45°
Longitudinal slide	18.11 in
Kidney Elevator	4.33 in
Flex/Reflex	140°/90°
Base brake mechanism (lock/unlock)	Electric

ST500

Surgical Table Platform



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