

Technical Specifications

Structure 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 hip section and back section made of aluminum

Leg section sockets, joint covers and side rails made of stainless steel

Surgical table top subdivided into 4 sections: head section, back section, hip section, leg sections

Symmetrical accessory interfaces for normal and reverse positioning

If the electronics or hydraulics fail, an integrated tool can manually unlock the brakes

Technical Data

	LUVIS ST500	LUVIS ST500E	LUVIS ST300
Length of Surgical Tabletop (mm)	2,173	2,167	2,123
Width Without Side Rails (mm)	520	520	520
Width Across Side Rails (mm)	572	572	572
Weight (kg)	280	320	280
Maximum Overall Load *patient and accessories	<ul style="list-style-type: none"> •1,000lb (454kg) patient support, including raise/lower (when centered on the column in normal orientation) •600lb (272kg) full table articulation, including slide •350lb (159kg) : reverse mode 	<ul style="list-style-type: none"> • 1,000lb (454kg) patient support, including raise/lower (when centered on the column in normal orientation) • 551lb (250kg) full table articulation, including slide • 350lb (159kg) : reverse mode 	<ul style="list-style-type: none"> • 1,000lb (454kg) patient support, including raise/lower (when centered on the column in normal orientation) • 551lb (250kg) full table articulation, including slide • 350lb (159kg) : reverse mode

Electrical Data

Specially designed battery with the capacity for lasting the ten working days use in the operating room

Electronic monitoring of the battery charging level with the indicator

Batteries recharged from the main power supply of 50-60Hz with the power supply cord

Electrohydraulic adjustments via hand controller, remote controller and backup controller (override)

	LUVIS ST500	LUVIS ST500E	LUVIS ST300
Height Without Padding (mm)	580-1,080	580-1,080	600-1,000
Trendelenburg / Reverse Trendelenburg (°)	30/30	30/30	30/30
Lateral Tilt (°)	20/-20	20/-20	25/-25
Back Section (°)	90/-40	90/-40	90/-40
Leg Section (°)	10/-90 (2plates) * manual	0/-105 (1plate)	10/-90 (2plates) * manual
Headrest (°) *manual	45/-45 30/-90	45/-45 30/-90	45/-45 30/-90
Longitudinal Slide (mm)	460	460	300
Kidney Elevator (mm)	110	110	110
Flex / Reflex (°)	140/90	140/90	140/90
Base Brake Mechanism *lock / unlock	Electric	Electric	Electric

Flexible to support the various surgical applications you perform.



Orthopedic Surgery

Gynecology/Urology Surgery



Shoulder Surgery

Neuro Surgery



Spine Surgery

Kidney Surgery

