



STRATOS U

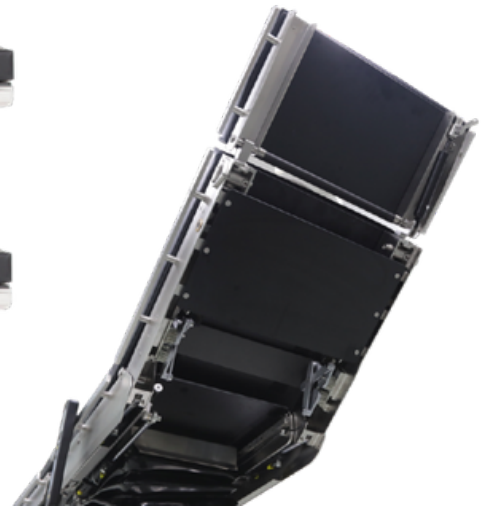
Electro-Hydraulic Surgical Operating Table



This advanced operating table **STRATOS U** integrates modern technology with a human-centred design, featuring an electro-hydraulic transmission system for precise adjustments. Its **320mm longitudinal shift**, modular design, and ergonomic memory foam mattress enhance surgical versatility and patient comfort. The stainless steel structure ensures durability and easy cleaning. A **backup battery supports 50 operations** without AC power. Equipped with an emergency control panel, extended head plate, and four-point electric brakes, it offers stability, flexibility, and seamless compatibility with imaging systems and the possibility to adapt a wireless manual control.

Advantages:

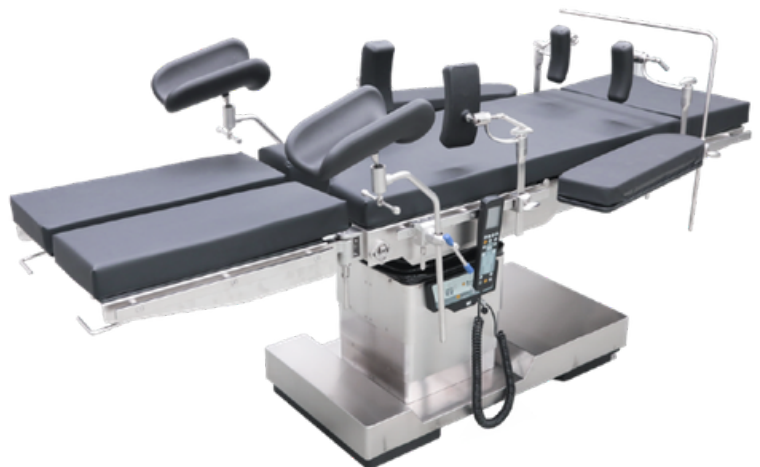
- **Advanced Control System** – Features a microcomputer-controlled electric hydraulic transmission for precise and reliable operation.
- **Versatile Positioning** – Independent hydraulic cylinders enable backrest, lateral tilt, height adjustment (**498-1000 mm or 700-1200 mm**), Trendelenburg, reverse Trendelenburg, and a 320 mm longitudinal shift.
- **Modular Design** – Head and leg plates with a flip-lock mechanism allow easy removal and repositioning for customized surgical needs.
- **Enhanced Imaging Compatibility**—Optimized for C-arm and X-ray accessibility, our tables feature a radiotranslucent HPL construction to ensure a clear, beam-free imaging surface. *For specialized requirements, a high-performance version with a carbon fiber-covered tabletop is also available as an option.*
- **High-Quality Mattress** — Made of biocompatible, anti-static PU with seamless bonding to prevent fluid infiltration and memory foam for pressure relief; 80 mm thick.
- **Durable Construction** – The base and column are engineered from high-grade 304 stainless steel, providing superior resistance to corrosion and impact while ensuring effortless cleaning and disinfection.
- **Built-in Waist Bridge** – Adjustable (0-125 mm) without interfering with C-arm movements.
- **Power Backup System** – Maintenance-free battery supports up to 50 operations/1 week and includes AC power functionality.
- **Emergency Control Panel** – Ensures continued operation if the main controller fails.
- **Stable and Secure** – Four-point electric brake with compensation function prevents movement on uneven surfaces.
- **High Load Capacity** – Supports up to 360 kg, suitable for all patient types.
- **One-Key Positioning** – Simplifies surgical table adjustments for efficiency and ease of use.
- **Proprietary Accessories** – Engineered in-house, all metal components are constructed from high-grade stainless steel to ensure exceptional durability, corrosion resistance, and long-term reliability.



STRATOS U	Parameter	Remarks
Height (mm)	498-1000 / 700 - 1200	without mattress
Tabletop length (mm)	2100	/
Tabletop width (mm)	520	including side rail 580
Longitudinal shift (mm)	320	electro-hydraulic
buit-in kidney bridge (mm)	0-125	manual adjustment on both sides
Trendelenburg & Reverse Trendelenburg (°)	25 / 25	electro-hydraulic
Left / Right Tilt (°)	20 / 20	electro-hydraulic
Back Plate / back rest (Up / Down) (°)	≥80 / ≥35	electro-hydraulic
Leg Plate adjustment (Up / Down) (°)	46 / ≥90	pneumatic, detachable
Leg Plate outreach adjustment) (°)	≥90	pneumatic, detachable
Head Plate adjustment (Up / Down) (°)	55 / 90	pneumatic, detachable
Load capacity	360 kg	

Standard accessories

Mattress	1set
Hand controller (wired)	1 piece
Waist support	2 pieces
Shoulder support	2 pieces
Arm plate	2 pieces
Goepel leg support	2 pieces
Anesthesia screen frame	1 piece
Radial Clamp	2 pieces
Side rail clamp	3 pieces



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