



# STRATOS P

## Electro-Hydraulic Surgical Operating Table



This advanced operating table **STRATOS P** features microcomputer control and electro-hydraulic transmission for precise positioning and smooth operation. Its **carbon fiber tabletop** ensures **low X-ray absorption**, enhancing imaging clarity while reducing radiation exposure. A 70mm **memory foam mattress** improves patient comfort. The **modular design** allows easy adaptation for various surgeries. With a **T-shaped base**, **electric brake system**, **300mm longitudinal shift**, and **backup battery**, it provides stability, flexibility, and uninterrupted operation, meeting modern surgical demands.

### Advantages:

- **Advanced Electro-Hydraulic Transmission** – Ensures precise positioning and smooth, stable movement, replacing traditional electric push rod technology.
- **Ergonomic Memory Foam Mattress** – A 70mm thick mattress with a combination of memory and high-density foam reduces pressure during long surgeries.
- **Carbon Fiber Tabletop** – Offers low X-ray absorption and high-definition imaging, minimising radiation exposure.
- **High-Precision Linear Guides** – Ensures smooth and stable table operation.
- **Lightweight and Durable Construction** – Made from aluminum alloy and 304 stainless steel, resistant to impact, corrosion, and breakage.
- **Modular Design** – Easily adaptable for various surgeries by matching specific action modules.
- **Full Carbon Fiber Surgical Back Panel** – Provides 360° light transmission up to 1200mm for superior imaging.
- **Uninterrupted Operation** – Equipped with a backup battery and automatic charging system for continued use during power failures.
- **Stable Electric Brake System** – Ensures a secure and firm fixation of the table, with an optional manual brake.
- **T-Shaped Base Design** – Enhances stability, provides ample foot space, and is compatible with G-arm and X-ray machines.
- **Double Back Plate Design** – Includes a full carbon fiber back plate and a standard back plate, offering versatility for various surgeries.
- **300mm Longitudinal Shift** – Combined with a carbon fiber back panel, enables comprehensive, unobstructed imaging.

standard tabletop



tabletop with carbon fiber extension board



STRATOS P	Parameter	Remarks
Height (mm)	680 - 980	without mattress
Tabletop length (mm)	2000	2470 with extension board
Tabletop width (mm) without side rail	520	including side rail 600
Tabletop width (mm) including side rail	580	
Longitudinal shift (mm)	300	electro-hydraulic
Buit-in kidney bridge (mm)	0-125	electro-hydraulic
Trendelenburg & Reverse Trendelenburg (°)	30 / 30	electro-hydraulic
Left / Right Tilt (°)	20 / 20	electro-hydraulic
Back Plate / back rest (Up / Down) (°)	≥75 / ≥40	electro-hydraulic
Leg Plate adjustment (Up / Down) (°)	46 / 90	pneumatic, detachable
Leg Plate outreach adjustment (°)	≥90	manual
Head Plate adjustment (Up / Down) (°)	50 / 90	pneumatic, detachable
Interchangeable head and leg plates	Yes	
Load capacity (dynamic)	350 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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