

OPT

SurgiSystems

Surfaces for life



About OPT

OPT SurgiSystems is an Italian company, producing high quality operating tables and OR accessories in their factory headquarter which is located in Calliano (Trento, Italy).

For nearly 100 years, OPT has been dedicated on improving their operating tables and accessories to help the surgeons make surgery more simple, less invasive and safe for the patient. This long history of experience combined together with the technology of today, has given us the privilege to be a world leader in this sector, with installations all over the world.

With this 100 years of experience OPT continues to work closely with many high level hospitals to maintain all OPT products to the highest level and adapt to new surgical procedures.

As a result OPT SurgiSystems is one of the leaders on the national and international markets and is constantly working on its development and perfection.

Historical facts

OPT SurgiSystems was the first company to produce the following operating medical devices:

- **1975** - Suspended surgical table
- **1982** - Completely automatic mobile patient transfer unit
- **1983** - Completely electromechanical surgical table
- **1983** - Mobile column with transferable table tops
- **1983** - Operating system with ultra-flat base
- **1999** - Operating system with the access from all four sides
- **2008** - Fix Torque System



vanto

The power in surgery



General information

- Operating system with transferable table tops
- All electromechanical movements
- Universal table suitable for all surgical disciplines
- Two types of carbon fibre table tops
- Control panel with display integrated into the column
- Compatible with Integrated OR

Unique features

- Access to the column from all 4 sides (longitudinal and lateral trolleys)
- Completely modular table top with a Fix Torque locking system
- Wireless remote controls with LCD touch screen display
- Automatic detection of the table top configuration and orientation
- Exclusive anti-collision system

Constructive technology

- Column with ultra-flat base
- Completely radiolucent table top on the entire length
- Made of stainless steel and treated with electro polishing procedure
- Three types of columns (Stationary, Mobile, Mobile Plus)

Technical specifications

- Height variation (without cushions): 600 - 1.100 mm
- Trendelenburg / Reverse Trendelenburg: $\pm 56^\circ$
- Bilateral tilt: $\pm 35^\circ$
- Lower back section: $+ 90^\circ / - 50^\circ$
- Upper back section: $\pm 60^\circ$ (with motorised section)
- Leg section: $+ 90^\circ / - 90^\circ$
- Longitudinal shift: 475 mm
- Load capacity: 454 kg (1000 lb)



From tradition to innovation



General information

- Operating System with transferable table tops
- Electromechanical and electro-hydraulic movements
- Universal table suitable for all surgical disciplines
- Carbon fibre sections for 360° radiolucency
- Control panel integrated into the column
- Compatible with Integrated OR

Unique features

- Access to the column from 2 sides with three types of longitudinal trolleys
- Modular table top with a Fix Torque locking system
- Automatic detection of the table top configuration and orientation
- Exclusive anti-collision system

Constructive technology

- Column with ultra-flat base
- Completely radiolucent table top on the entire length
- Made of stainless steel and treated with electro polishing procedure
- Three types of columns (Stationary, Mobile, Mobile Plus)

Technical specifications

- Height variation (without cushions): 665 - 1120 mm
- Trendelenburg / Reverse Trendelenburg: $\pm 33^\circ$
- Bilateral tilt: $\pm 25^\circ$
- Lower back section: $+ 90^\circ / - 50^\circ$
- Upper back section: $+ 60^\circ / - 90^\circ$ (with tiltable section)
- Leg section: $+ 90^\circ / - 90^\circ$
- Longitudinal shift: 400 mm
- Load capacity: 454 kg (1000 lb)



Life made simple



General information

- Mobile operating table
- Electromechanical and electro-hydraulic movements
- Universal table suitable for all surgical disciplines
- Carbon fibre sections for 360° radiolucency
- Control panel integrated into the column
- Compatible with Integrated OR

Unique features

- Modular table top with a Fix Torque locking system
- Wireless remote controls with LCD touch screen display
- Automatic detection of the table top configuration and orientation
- Exclusive anti-collision system
- External emergency device

Constructive technology

- Ergonomic base for close table access
- Completely radiolucent table top on the entire length
- Made of stainless steel and treated with electro polishing procedure
- Mechanical or electrical 5th wheel

Technical specifications

- Height variation (without cushions): 600 - 1.060 mm
- Trendelenburg / Reverse Trendelenburg: $\pm 35^\circ$
- Bilateral tilt: $\pm 27^\circ$
- Lower back section inclination: $+ 90^\circ / - 50^\circ$
- Upper back section: $+ 60^\circ / - 90^\circ$ (with tiltable section)
- Leg section: $+ 90^\circ / - 90^\circ$
- Longitudinal shift: 400 mm
- Load capacity: 454 kg (1000 lb)



Life in your operating theatre



General information

- Mobile operating table
- Electro-hydraulic movements
- Universal table suitable for all surgical disciplines
- Carbon fibre sections for 360° radiolucency
- Control panel integrated into the column

Unique features

- Modular table top with Fix Torque locking system
- Wired / wireless remote controls with LCD touch screen display
- Exclusive anti-collision system
- Maximum stability thanks to the VITA Safety System
- External emergency device

Constructive technology

- Ergonomic base for close table access
- Completely radiolucent table top on the entire length
- Made of stainless steel and high quality materials
- Treated with electro polishing procedure
- Mechanical or electrical 5th wheel

Technical specifications

- Height variation (without cushions): 575 - 1.075 mm
- Trendelenburg / Reverse Trendelenburg: $\pm 30^\circ$
- Bilateral tilt: $\pm 25^\circ$
- Lower back section: $+ 80^\circ / - 40^\circ$
- Upper back section: $+ 60^\circ / - 90^\circ$ (with tiltable section)
- Leg section: $+90^\circ / -90^\circ$ ($+50^\circ / -90^\circ$)
- Longitudinal shift: 350 mm
- Load capacity: 454 kg (1000 lb)



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Multifunctions plus



General information

- Mobile operating table
- Electro-hydraulic movements
- Universal table suitable for all surgical disciplines
- Carbon fibre sections allow for 360° radiolucency
- Control panel integrated into the column

Unique features

- Excellent radiolucency
- User friendly, simple and safe
- Modular table top with numerous sections
- External emergency device

Constructive technology

- Ergonomic base for close table access
- Made of stainless steel and treated with electro polishing procedure
- Wired / wireless remote controls
- 5th wheel for easy manoeuvring

Technical specifications

- Height variation (without cushions): 700 - 1.060 mm
- Trendelenburg / Reverse Trendelenburg: $\pm 30^\circ$
- Bilateral tilt: $\pm 20^\circ$
- Lower back section inclination: $+ 85^\circ / - 35^\circ$
- Leg section: $+ 25^\circ / - 90^\circ$
- Longitudinal shift: 250 mm
- Load capacity: 270 kg (600 lb)



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Multifunctions



General information

- Mobile operating table
- Electro-hydraulic movements
- Carbon fibre sections for 360° radiolucency
- Control panel integrated into the column

Unique features

- User friendly, simple and safe
- Universal table valuable for all surgical disciplines
- External emergency device

Constructive technology

- Radiolucent
- Ergonomic base for close table access
- Made of stainless steel and treated with electro polishing procedure
- Wired / wireless remote controls
- 5th wheel for easy manoeuvring

Technical specifications

- Height variation (without cushions): 650 - 1.010 mm
- Trendelenburg / Reverse Trendelenburg: $\pm 30^\circ$
- Bilateral tilt: $\pm 20^\circ$
- Lower back section: $+ 73^\circ / - 35^\circ$
- Leg section: $+ 25^\circ / - 90^\circ$
- Load capacity: 270 kg (600 lb)



PTU

Gamma/1

O.R. care for safety



General information

- Patient transfer unit between septic and aseptic areas
- Two versions: with and without window
- Electromechanical movements
- Fully compatible with hospital beds / stretchers / operating tables
- Safety for patients and OR staff

Unique features

- Manual emergency movement
- Speed control regulation
- Heated surface for patient comfort
- Patient detecting system
- Patient recognition limit sensor
- Anti-collision sensor kit

Constructive technology

- Load capacity 180 kg (396 lb)
- Emergency button
- Made of stainless steel
- Wireless / wired remote controls on both sides of the transfer unit



The patient transfer unit "Gamma/1" without window



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October 2017 Edition

OPT SurgiSystems S.r.l. reserves the right to make technical modification without prior notice



