Increased efficiency in all surgical procedures
Promerix is an easy-to-use mobile operating table for all kind of surgeries, meeting the strictest demands of modern operating theatres. With its modular table top and comprehensive range of accessories, Promerix can be configured for each surgical procedures and for all patient sizes in the best possible way.

Promerix provides open access to the operated area and excellent working ergonomics for the surgical team without compromising on patient safety. The electro-hydraulic adjustments are controlled via user friendly hand controls, either wireless IR or wired, or foot control units. Promerix is both easy to use and to maintain.
“The new leg sections, just to name one of the features, have really improved the overall working environment. The total solution makes everything more flexible and lets us do a better job for the patient,”

– Pia Grönberg, scrub nurse at Borås Hospital outpatient surgery.
Adjustable for your needs

- Heavy-duty, electro-hydraulic table for general and special fields of surgery
- Easy-to-use modular construction: table top consists of seat section and detachable 25 and 40 sections, which can be rearranged according to the required patient positioning.
- Mobile table with stable floor-lock system.
- Safe working load (SWL) 325 kg (with sliding function 275 kg)
- Fulfils X-rays and C-arm requirements through wide sliding possibility and table section material.

More efficient shoulder arthroscopy procedures with Beach Chair back section

Merivaara's unique Beach Chair back section has been specifically designed for shoulder arthroscopy. The patented Beach Chair accessory virtually eliminates manual handling and saves valuable time as patients are positioned for surgery.

Lightweight and user-friendly, the solution offers advanced ergonomics for the patient and the surgical team. Multi position headrest and removable shoulder support allow patients to be comfortably positioned for shoulder surgery, whether awake or asleep, and keep the patient appropriately positioned throughout the procedure. They also help avoid the pressure on the other shoulder – a common problem in lateral position. The surgeon has open access to the operated area and the working position is good.
Knee chest device for spinal procedures

Knee Chest Device is designed for spinal procedures which need meticulous and special care for patient positioning in genucubital position.
Divided leg sections, gas spring assisted, length 680 mm
1000 30248

Leg section, gas spring assisted, length 645 mm
1000 30147

Divided leg sections, gas spring assisted, length 880 mm
1000 60475

Extension 25-section
1000 60250

25-gynaecologic section
1000 60425

Divided leg sections, gas spring assisted dual joint abduction, length 880 mm
1000 60480

Divided leg sections, 4 section incl. solid pelvic plate, length 865 mm
1000 60484

Modular construction

Divided leg sections
Several options available:
- 4- sectional, powered leg sections with pelvic plate
- Gas spring assisted divided leg section with dual-joint abduction, powered left and right separately or parallel
- Gas spring assisted divided leg sections with length of 680 mm or 880 mm
Enhance the looks and durability of Promerix with a stainless steel base cover

Promerix is available with an optional stainless steel base and castor cover. On top of its elegant looks, the stainless steel cover also provides excellent protection and resistance to mechanical wear and tear, as well as cleaning agents.

Easy detachable table top
- Simple construction
- Unique latching mechanism
- Efficient and ergonomic for nursing staff – quick & easy and to change the table construction
- Optimal size and weight
Choose among IS or VEF mattresses. Visco Elastic Foam (VEF) reacts to body heat and weight, moulding to the body shape to relieve pressure points and reduce risk of pressure sores. VEF maintains a greater proportion of the body in contact with the mattress. As the weight of the patient is more evenly spread, the pressure on bony prominences is substantially reduced.

- 80 mm visco-elastic memory foam (Mfoam) mattress.
- Sonically welded seams to prevent the ingress of fluids, making the mattresses easy to clean and reducing the possibility of infection.
- Unique multi density foams matched to body weights. Significant reductions in interface pressure is achieved by using different density and types of foam for different parts of the body.
- Air Filter System is incorporated to allow air but not fluid to pass in and out of the mattress.
- Full anti-static and latex free cover.
- Super Stretch Fabric offers both maximum comfort, and compliance with two way stretch, and vapour permeable fabrics.
- Fully flame retardant, comply with world standards on fire ret extradncy (BS7177: 2008), conductivity (BS2050) and skin sensitivity. Irritation and sensitization ISO 10993/10, systemic toxicity: ISO 10993/11.

Clear and logical control devices
- Hand Control with cable
- IR Hand Control
- Foot Control
  - Height, Trendelenburg, lateral tilt
- Override-panel in the column
  - Hard wired functions
  - Table can always be controlled from the panel in the column instead of using the other control devices

Memory foam mattress for maximum patient safety and comfort

PC Software (for service and upgrades)
- USB-connection to PC
- Virtual hand set
- Software upgrades
- Setting the parameters
- Setting the pre-programmed positions
- Diagnostics
User friendly, logically-designed hand control units

- Back light function
- LED-diagnostic lights for:
  - Patient orientation
  - Table’s battery status
  - Floor Lock status
  - 5th wheel status
- Pre-programmed positions for:
  - Flex, Reflex, Beach Chair, Level
  - M1 + M2 customer specific programmable positions

Maximal stability, also with sliding version

- Promerix operating table is designed for heavy duty use with two column options:
  - B3 (non-sliding) with max SWL of 325 kg
  - Sliding version with max SWL of 275 kg
- Normal and reverse mode, steady floor lock mechanism
Multi-purpose table for all procedures

ENT-surgery

Ophtalmic surgery, ENT-surgery

ENT-surgery, struma position

Urology

Laparoscopic surgery
Lithotomy position (low)

Lithotomy position (high)

Laparoscopic surgery

General surgery
Multi-purpose table for all procedures

Neurosurgery

Neurosurgery

Spine and disk surgery

Lateral position
Hand surgery

Orthopedic surgery with extension device

Kidney-thorax surgery

Laparoscopy surgery, MIS surgery

Beach Chair position, Shoulder arthroscopy
Base, Castors and Floor Lock
- Lightweight movability with strong, antistatic double castors
- Floor lock- reliable and stable, electro-hydraulic, locking mechanism
- Optional fifth wheel
- Stainless steel cover as option

Override-panel in the column
- Full hardwired override for: Height, Trendelenburg, Lateral Tilt, Back, Leg and Floor Lock
- Diagnostic LED-lights for: Patient Orientation, Battery Status, Floor Lock and 5th wheel

Power supply
- Battery operated operating table
  - Large battery capacity
  - Enough up to one week’s operations
- Mains power use
  - Table can be used during charging procedure

IR - Infrared control
- Wireless IR hand control device
- Back light function
- 64 different codes for different tables
- Easy coding of the hand set according to the table

Universal Clamps
- Suitable for Euro, UK and US rails
- Easy to tighten, easy to release
- Several positioning possibilities
Technical Specifications

<table>
<thead>
<tr>
<th>Table top (standard version)</th>
<th>6-sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length of table top</td>
<td>2100 mm</td>
</tr>
<tr>
<td>Table top width without rails</td>
<td>540 mm</td>
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<tr>
<td>Table top width with rails</td>
<td>594 mm</td>
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<tr>
<td>Weight</td>
<td>325 kg</td>
</tr>
<tr>
<td>B3:</td>
<td>300 kg</td>
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<tr>
<td>Floor clearance</td>
<td>25 mm</td>
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<tr>
<td>Castors</td>
<td>Ø 125 mm</td>
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<tr>
<td>Safe working load</td>
<td>275 kg</td>
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<tr>
<td>B3:</td>
<td>325 kg</td>
</tr>
<tr>
<td>Max lifting capacity</td>
<td>490 kg</td>
</tr>
<tr>
<td>Primary Voltage</td>
<td>100–240 V</td>
</tr>
<tr>
<td>Frequency</td>
<td>47–63 Hz</td>
</tr>
</tbody>
</table>

Adjustment ranges

- Height: 650–1110 mm (B3: 610–1070 mm)
- Trendelenburg / reverse Trendelenburg adjustments: -35° ... +35°
- Lateral tilt: -25° ... +25° (B3: -20° ... +20°)
- Back section: -45° ... +80°
- Leg section: -105° ... +70° (B3: -95° ... +70°)
- Head section: -45° ... +45°
- Longitudinal shift (not in B3): 410 mm

Optional integrated
- kidney-body-elevator lower back rest: 0–110 mm

Preset positions
- 1 + 3
- Customer specific: programmable positions (M1, M2) 2 + 2
Merivaara is a Finnish company operating globally that provides a wide range of hospital furniture such as operating tables, medical lights, trolleys for transportation and day surgery, delivery beds and patient beds. Our versatile solutions enable convenient and cost-effective physical patient flow within the hospital, day surgery and health clinics.

Merivaara has more than 100 years experience in designing and manufacturing hospital furniture. Today, Merivaara’s products are highly appreciated by users in more than 100 countries thanks to their ease-of-use, reliability and functional design.

All products are CE labelled. Merivaara’s quality system complies with EU directives for medical device, and is certified according to ISO 9001:2008 and ISO 13485:2003 quality standards. The company’s environmental management system is ISO 14001:2004 certified.