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 procedure 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 or wired, or foot control units. Promerix is also easy 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.

Merivaara range of mobile operating tables

<table>
<thead>
<tr>
<th>Hydraulic</th>
<th>Electro-mechanical</th>
<th>Electro-hydraulic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practico Manual</td>
<td>Practico</td>
<td>Promerix</td>
</tr>
<tr>
<td>Rapido</td>
<td></td>
<td>Promerix B3</td>
</tr>
</tbody>
</table>
Adjustable for your needs

- Suitable for both general and special fields of surgery
- Modular construction, detachable table top sections and reverse functions allows a wide range of patient positioning
- Ergonomic and easy to use
- Mobile table with fast and smooth driving wheel (optional) and stable floor-lock system.
- Fulfils imaging requirements through its sliding function and table section material
- Compatible with Storz OR 1TM NEO (optional feature)

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.
Pre-programmed positions

Flex

Beach Chair

Reflex

Level (zero position)

Suitable for robotic surgery and imaging

Thanks to its versatile adjustments and design, Promerix is also suitable for demanding robotic surgery.

The table is also suitable for various imaging needs. Longitudinal shift (410 mm) in sliding model (optional) enables easy access to the operated area for both the surgical team and the C-arm.

Carbon fiber sections (optional accessories)* offer surgeons full 360° imaging during special procedures.

Together with the Doro Radiolucent Headrests (optional accessories) the carbon fiber section provides extra long imaging area for the head and upper body.
Modular construction

Divided leg sections, gas spring assisted, length 680 mm
1000 30248

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

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

Divided leg sections, powered angle, mechanical dual joint abduction, length 880 mm,
1000 60480

Extension 25-section
1000 60250

25-section
1000 60250

40-gynaecologic section
1000 60440

25-gynaecologic section
1000 60425

Divided leg sections, powered leg sections with pelvic plate

Several options available:

- 4-sectional, powered leg sections with pelvic plate
- Divided leg sections with powered angle adjustment and mechanical dual-joint abduction, left and right separately or parallel
- Gas-spring assisted divided leg sections in two different length options (680mm and 880mm)
Beach Chair Back Rest for shoulder arthroscopy
1000 60525

(Special head rest 1000 30126)

Head rest 60140

Double articulated head rest 60142

Head Rest for kidney and thorax position 60147
(requires adapter 60146)

Enhance the looks and durability with a stainless steel base cover
- Available with an optional stainless steel base and castor cover.
- Looks elegant
- Provides excellent protection and resistance to mechanical wear and tear, as well as cleaning agents.

Easy detachable table top
- Simple construction
- Unique latching mechanism
- Quick and easy to change table top configuration
- Efficient and ergonomic for the OR staff
- Optimal size and weight
Multi-purpose table for all procedures

ENT-surgery

Ophtalmic surgery, ENT-surgery

ENT-surgery, struma position

Laparoscopic surgery

Urology
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

Kidney and thorax surgery

Beach Chair position, shoulder arthroscopy

Laparoscopy surgery, MIS surgery

NEW!

Orthopaedic surgery with FLEXION™ extension device
Modern features for patient safety and ease of use

Merimote™ – a multifunctional remote control

- Intuitive touch screen, simple to use
- User-friendly, heuristic feedback
- 200 positions can be memorised for future use

User friendly, logically-designed standard 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

IR hand control

- Includes 64 different codes to be used for different tables
- Can easily be set by the nursing staff or service technicians to match the table

Clear and logical control devices

- Merimote touch-screen remote control (optional) - NEW!
- Hand control with cable
- IR Hand control
- Foot control
  - Height, Trendelenburg, lateral tilt
- Override-panel in the column
  - Table can always be controlled from the panel in the column instead of using the other control devices
  - 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
Maximal stability, also with sliding version

- Promerix operating table is designed for heavy duty use with two column options:
  - B3 (bariatric, non-sliding) with max SWL of 325 kg
  - Sliding version with max SWL of 275 kg

- Normal and reverse mode
- Steady floor lock mechanism
- Max lifting capacity 490 kg

Knee-chest device for spinal procedures

Merivaara’s Knee-Chest device is designed for spinal procedures which needs meticulous and special care for patient positioning in genucubital position. This position helps relieve pressure on the abdomen and chest area.
PC Software (for service and upgrades)
- USB-connection to PC
- Virtual hand set
- Software upgrades
- Setting the parameters
- Setting the pre-programmed positions
- Diagnostics

Drive Wheel for smooth transportation
- Improved ergonomics in patient transport
- Two-directional movements (forward and backward)
- Stepless speed adjustment
- Accessory rail attached joystick - freedom to operate
- Can also be used as a normal 5th wheel

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

Base, Castors and Floor Lock
- Great mobility with strong, antistatic double castors
- Reliable and stable Floor Lock, electro-hydraulic, locking mechanism
- Optional fifth and drive wheel
- Stainless steel cover as option

Memory foam mattress for maximum patient safety and comfort
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. As VEF maintains a greater proportion of the body in contact with the mattress, 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, and reducing the possibility of infection.
- 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 vapour permeable.
Technical Specifications

<table>
<thead>
<tr>
<th>Table top sections</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>
</tr>
</tbody>
</table>
| Weight | 325 kg  
B3: 300 kg |
| Safe working load | 275 kg  
B3: 325 kg |
| Maximum lifting capacity | 490 kg |
| Floor clearance | 25 mm |

**ADJUSTMENT RANGES**

| Height | 650–1110 mm  
B3: 610–1070 mm |
|--------|----------------|
| Lateral tilt | -25° ... +25°  
B3: -20° ... +20° |
| Trendelenburg | 35° |
| Reverse Trendelenburg | 35° |
| Longitudinal shift (not in model B3) | 410 mm |
| Head section | -45° ... +45° |
| Back section | -45° ... +80° |
| Leg section | -105° ... +70°  
B3: -95° ... +70° |
| Optional integrated kidney-body-elevator lower back rest | 0–110 mm |
| Preset positions | 1 + 3 |
| Customer specific programmable positions (M1, M2) | 2 + 2 |

**ADJUSTMENTS**

Height, flex, reflex, sliding Trendelenburg and lateral tilt leg and back section  
Motor-driven

- EN 60601-1, EN 60601-1-2, EN 60601-1-4, EN 60601-2-46
- Promerix is classified into the class I according to European Council Directive 93/42/EEC Class I (Annex IX)
Solutions for lean operations, comfort and well-being

Merivaara provides a wide range of hospital-grade furniture such as operating tables, medical lights, examination tables, trolleys and stretchers for transportation and day surgery, as well as birthing and patient beds. Additionally, our new concepts include both revolutionary integrated management systems and after-sales services.

Our versatile solutions and product offering enable convenient and cost-effective physical patient flow within the hospital, in day surgery and health clinics, as well as in nursing homes and home care. Our priority is to enhance comfort and well-being of both patients and their caregivers.

Established in 1901, Merivaara has more than 100 years of experience in designing and manufacturing hospital-grade furniture. Today our products are highly appreciated by users in more than 120 countries thanks to their ease-of-use, durability and ergonomic design.

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