MOBILE OPERATING TABLES
FOR ALL SURGICAL APPLICATIONS
You will receive an operating table that has already proved its capabilities thousands of times and even today is one of the most used tables in the world because of its unique eccentric column.

The proven reliability of the schaerer® axis 400-800 series, associated with their outstanding flexibility and their uniquely functional design, are good reasons for many hospitals around the globe to opt for a schaerer® axis table time and time again.

Every day several thousand schaerer® axis operating tables are used reliably all over the world, supporting your work in the operating theatre.

Schaerer Medical AG as a traditional Swiss company is a worldwide leading manufacturer of mobile operating tables, medical accessories and custom made accessories for all surgical disciplines and fields of application.

Since 1892 Schaerer Medical has been developing high-grade operation tables, manufacturing them exclusively in Switzerland. As a medium-sized manufacturer we can react flexibly and quickly to special customer requirements, being able to provide individual solutions for all fields of application.

A worldwide network of distributors and service-partners in over 75 countries guarantees the worldwide distribution as well as a first class service on site.

Schaerer Medical continuously invests in innovative products, which are developed in close collaboration with leading surgeons and medical personalities. Schaerer products are known all over the world and stand for maximum precision, processing quality and a long service life.
Mobile operating tables and operating systems for all surgical disciplines and applications

**MAXIMUM ECCENTRIC COLUMN**
Maximum access for the surgeon, nurses and technicians without additional longitudinal shifting even where space is limited. Table top area offside the column up to 1990 mm and X-ray transparent table top area (up to 1900 x 370 mm).

**NEW: VISCO ELASTIC PADS**
New durable oil free visco elastic padding for all table top sections and most of the accessories. Reduces pressure up to 50 % versus standard foam for perfect comfort and safety.

**MAXIMUM STABILITY**
The use of high quality Swiss materials and components ensures strength and a long service life. 220 kg / 485 lbs all position dynamic weight capacity.

**MAXIMUM SAFETY**
Only Schaerer operating tables have two independent motor pump systems that can work powered by batteries for several operating days.

Hand control: ergonomically shaped, clearly arranged keypad and LCD display of all important functions.

Emergency operating panel: the second control system can be activated through the integrated emergency operating panel.
schaerer\textsuperscript{a}xis 400/500/600/700/800

schaerer\textsuperscript{a}xis

Mobile operating tables and operating systems for all surgical disciplines and applications

CHARACTERISTICS

The basic table with one electro-hydraulically driven table top axis for the seat plate. Axis in front of the column. One-part, non-removable seat plate bars. Manually adjustable head and leg plates supported by gas pressure springs. X-ray transparency 1450 - 1830 mm (with intermediate plate).

schaerer\textsuperscript{a}xis 400

The premium table with a 1990mm table top from the column, for maximum accessibility in basic and reverse position. 2 electro-hydraulically driven table top axes for seat plate and leg plate. Reverse position: automatically adjustable back or head plate. Extended movement range of the relevant plate 85°/105°. Adjustable accessories such as leg holder and shoulder arthroscopy plate. Best for neurosurgery and ENT operations through the unobstructed access to the operating field.

schaerer\textsuperscript{a}xis 800

The ortho-trauma table with one electro-hydraulically driven table top axis. Specially for orthopaedic and trauma accessories. (Extension devices, schaerer\textsuperscript{a}xis MIS-Extension).

schaerer\textsuperscript{a}xis 700

schaerer\textsuperscript{a}xis 500

The universal table with one electro-hydraulically driven table top axis for the seat plate. Removable, two-part seat plate bars for fitting orthopaedic accessories in the basic or reverse position (beach chair). Manually adjustable head and leg plates supported by gas pressure springs. Universal for all accessories, including extension devices and the schaerer\textsuperscript{a}xis MIS-Extension. X-ray transparency 1450 - 1830 mm (with intermediate plate).

schaerer\textsuperscript{a}xis 500

The comfort table with two electro-hydraulically driven table top axes for seat plate and leg plates. Manually adjustable head plate with gas pressure spring. Ideal for gynaecology, urology and neurosurgery. X-ray transparency 1450 - 1830 mm (with intermediate plate).

schaerer\textsuperscript{a}xis 600

The ortho-trauma table

Specially for orthopaedic and trauma accessories.

schaerer\textsuperscript{a}xis 800 basic unit (without seat and leg plates).

schaerer\textsuperscript{a}xis 700 basic unit

MODELS
All models can be optionally equipped with the illustrated head and leg plates.

**Product characteristics**

91450  Head rest, standard, tilting up and down with side rails 25 x 10 mm
91452  Head rest, rigid with side rails 25 x 10 mm
91454  Head rest, rigid with side rails 30 x 10 mm
Head rest for the models schaerer® axis 400 – 700. Length: 400 mm. Equipped with hexagonal adapter for attaching the head rest holder 90040 and 90041 with adapter 90456.

90422  Head rest, rigid, short version with side rails 25 x 10 mm
90423  Head rest, rigid, short version with side rails 30 x 10 mm
Short head rest for the models schaerer® axis 400 – 700. Length: 220 mm. Equipped with hexagonal adapter for attaching the head rest holder 90040 and 90041 with adapter 90456.

91440  Leg plates, 2-part with side rail 25 x 10 mm
91442  Leg plates, 2-part with side rail 30 x 10 mm
Standard leg plates, consisting of 2 small and 2 large leg plate pads. Small pads in square shape. Tilting up and down with gas-lift spring assistance. Swivelling outwards.

90427  Simple leg plates, 2-part with side rails 25 x 10 mm
90428  Simple leg plates, 2-part with side rails 30 x 10 mm
Consisting of 2 leg plate pads. Manually tilting up and down. Lockable with denticulated clamp joint. Not swivelling outwards.
Maximum free space for C-arm utilisation in the basic position

Reverse position (maximum position)
thereof 1900 x 370 mm X-ray transparent
1990 mm table top off the column with schaerer® axis 800
**General Surgery**

Cholecystectomy positioning
Table top from the column 1600 mm, thereof 1450 mm X-ray transparent
(schaerer® axis 400/500/600)

Positioning for hand surgery with hand surgery plate without floor support

Rectum positioning

**Gynaecology / Urology**

Gynaecological and urological intervention with leg holders «LEG-TOP» for flat and lithotomic positions

Lateral positioning for nephrectomy and posterio-lateral spinal column surgery

Laparoscopic interventions with leg holders «InfiniMax» and intermediate plate.
Neuro Surgery

Intervention in supine position in reverse position with original DORO® accessories (teflon covering) and universal adapter.

Positioning for spinal surgery.

Shoulder Surgery

Intervention on the shoulder with shoulder arthroscopy plate and head rest narrow.

Intervention in supine position in reverse position with original DORO® accessories (aluminium) and universal adapter.

Intervention on the shoulder in reverse position schaerer® axis 500/700 with orthopaedic seat plate and head rest narrow.

Intervention in the head and cervical area in reverse position with shoulder arthroscopy plate and facial / occipital head rest.
schaerer® MIS-Extension - orthopaedic-traumatologic support and positioning system with extension device offering full freedom of movement for the lower extremity. Can be operated with one hand only. Specially developed for minimally invasive surgery and hip arthroscopy with perioperative positioning and gamma-nailing.

The trolley assures the correct storage of the system and of the necessary accessories. The schaerer® MIS-Extension can easily be attached to the operating tables schaerer® axis 500/700 or schaerer® arcus 501/701 by using the trolley.
Orthopaedic and Traumatological Surgery

IM-nailing of the femur in lateral position
Extension with traction shoe

Intervention in the pelvic area
with orthopaedic seat plate and leg plates

IM-tibia nailing
Extension with traction shoe
Orthopaedic and Traumatological Surgery

The clearly arranged accessories enable interventions for thigh, lower leg and intra-medullary nailing. A special orthopaedic-traumatological operating table is not necessary. Attachable to the models schaerer® axis 500/700 and schaerer® arcus 501/701.

Positioning for knee arthroscopy with leg holder for arthroscopy

Femur neck nailing with orthopaedic accessories, leg plate with extension

1 Traction bars for the femur (pair) 90183
2 Orthop. / traumat. seat plate 90244
3 Orthop. / traumat. leg plates (pair) with side rails 25 x 10 mm 90410
   with side rails 30 x 10 mm 900409
4 Leg holder «Goepel» 90330
   Pad 90167
   Radial setting clamp 90506
   Fixing strap 90344
5 Accessories trolley with symbols with side rails 25 x 10 mm 90420
   with side rails 30 x 10 mm 90193
6 Telescopic supports 90191
7 Traction shoes (pair) 90187/90145
8 Counter-traction holder with pad

9 Traction units (order 2 pieces) 90184
10 Orthopaedic leg holder with pad 90199/90200
11 Side rail extension for side rails 25 x 10 mm 81696
   for side rails 30 x 10 mm 81695
12 Horse-shoe holder «Kirschner» 90198
13 Support for «Goepel» leg holder with side rails 25 x 10 mm 90190
   with side rails 30 x 10 mm 90189
14 Perineal rod with holder 90195/90194
15 Traction bar for the lower leg with pad 90186/90172
16 Table extension (with pad) 90419
17 Packaging for orthopaedic-traumatological accessories trolley (no picture) 91293
18 Adapter for traction shoes (no picture) 90196
## Product characteristics

<table>
<thead>
<tr>
<th>schaerer® axis</th>
<th>400</th>
<th>500</th>
<th>600</th>
<th>700</th>
<th>800</th>
<th>unit</th>
</tr>
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<tbody>
<tr>
<td>Table top outside of the column / thereof X-ray transparent</td>
<td>1600 / 1450</td>
<td>1600 / 1450</td>
<td>1600 / 1450</td>
<td>-</td>
<td>1950 / 1800</td>
<td>mm / inch</td>
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<tr>
<td>with intermediate plate / thereof X-ray transparent</td>
<td>1980 / 1830</td>
<td>1980 / 1830</td>
<td>1980 / 1830</td>
<td>-</td>
<td>78.3 / 74.8</td>
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<tr>
<td>Weight without head and leg plates</td>
<td>290 / 61.6</td>
<td>290 / 61.6</td>
<td>290 / 61.6</td>
<td>-</td>
<td>304 / 66.9</td>
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<tr>
<td>Length without head and leg plates</td>
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<td>865 / 34.1</td>
<td>865 / 34.1</td>
<td>485 / 19.1</td>
<td>1030 / 40.6</td>
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<td>1997 / 78.6</td>
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<td>Width of table top</td>
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<td>530 / 20.5</td>
<td>530 / 20.5</td>
<td>530 / 20.5</td>
<td>530 / 20.5</td>
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<tr>
<td>Total width (with side rails)</td>
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<td>580 / 22.8</td>
<td>580 / 22.8</td>
<td>580 / 22.8</td>
<td>580 / 22.8</td>
<td>mm / inch</td>
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<tr>
<td>Maximum patient weight (dynamic all positions)</td>
<td>220 / 86.6</td>
<td>220 / 86.6</td>
<td>220 / 86.6</td>
<td>220 / 86.6</td>
<td>180 / 70.5</td>
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<td>734 - 1140 / 28.9 - 44.9</td>
<td>734 - 1140 / 28.9 - 44.9</td>
<td>734 - 1140 / 28.9 - 44.9</td>
<td>734 - 1140 / 28.9 - 44.9</td>
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<td>Trendelenburg / reverse Trendelenburg</td>
<td>28 / 28</td>
<td>28 / 28</td>
<td>28 / 28</td>
<td>28 / 28</td>
<td>28 / 28</td>
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<td>Lateral tilting right/left</td>
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<td>18</td>
<td>18</td>
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<td>Seat plate down</td>
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<td>76</td>
<td>76</td>
<td>76</td>
<td>76</td>
<td>degree</td>
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<tr>
<td>Seat plate bars</td>
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<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>degree</td>
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<td>Motorised leg plate up (basic position)</td>
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<td>15</td>
<td>-</td>
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<td>degree</td>
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<tr>
<td>Motorised leg plate down (basis position)</td>
<td>-</td>
<td>-</td>
<td>70</td>
<td>-</td>
<td>105</td>
<td>degree</td>
</tr>
</tbody>
</table>

*patient weight permitted with intermediate plate: basic position 180 kg / reverse position 150 kg

## Technical data

### schaerer® axis 700
- The basic model for orthopaedic and trauma accessories. Table top consisting of head and back plate and short seat plate bars.

### schaerer® axis 800
- The operating table for major surgery with unique image intensifying area. Head, seat and leg plates can be adjusted electro-hydraulically.

#### schaerer® axis 800
- The basic model for orthopaedic and trauma accessories. Table top consisting of head and back plate and short seat plate bars.

#### schaerer® axis 800
- The operating table for major surgery with unique image intensifying area. Head, seat and leg plates can be adjusted electro-hydraulically.

**Technical data:**
- Electrical mains connection: 100-120 / 200-240 V AC, 50-60 Hz
- Control voltage: 24 V DC
- Battery charging: 6-8 hours
- Battery capacity: depending on the operations up to 5 days
- 4 maintenance-free special batteries with charge indication on the display of the hand control
- 7 section table top
- Side rail dimensions: 25 x 10 mm or 30 x 10 mm
- Weight: 300 kg

**Electro-hydraulic:**
- Height adjustment up / down
- Trendelenburg / Reverse Trendelenburg
- Lateral lift left / right
- Seat plate up / down
- Leg plate up / down
- Head plate up / down
- Flex / Reflex
- Zero position

**Manual:**
- Head plate up/down
- Leg plate up/down
- Leg plates swivelling out 90°

Subject to modifications

(according to MDD 93/42/EEC)