MOBILE OPERATING TABLES
FOR ALL SURGICAL APPLICATIONS
Medical products and solutions made in Switzerland

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 1912 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.
The **schaerer® axis 400-800** model range is the most successful product line in over 120 years of Schaerer Medical’s history.

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

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.
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 (69 mm) 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® axis 400
The basic table with one electro-hydraulically driven table top movement 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 mm.

schaerer® axis 500
The universal table with one electro-hydraulically driven table top movement 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® MIS-Extension. X-ray transparency 1450 mm.

schaerer® axis 600
The comfort table with two electro-hydraulically driven table top movements for seat plate and leg plates. Manually adjustable head plate with gas pressure spring. Ideal for gynaecology, urology and neurosurgery. X-ray transparency 1450 mm.
schaerer® axis 700

The ortho-trauma table with one electro-hydraulically driven table top movement. Specially for orthopaedic and trauma accessories (Extension devices, schaerer® MIS-Extension).

schaerer® axis 500 basic unit (without seat and leg plates).

schaerer® axis 800

The premium table with a 1990 mm 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.
Product characteristics

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

91490  
Head rest standard for schaerer® axis 400-700  
With side rails 25 x 10 mm.

91480  
Head rest standard for schaerer® axis 400-700  
With side rails 30 x 10 mm.  
Tilting up and down. With pad 69 mm.  
Dimensions pad: 380 x 520 x 69 mm.  
Continuous adjustment with gas-lift spring assistance.

91491  
Head rest rigid for schaerer® axis 400-700  
With side rails 25 x 10 mm.

91481  
Head rest rigid for schaerer® axis 400-700  
With side rails 30 x 10 mm.  
With pad 69 mm. Dimensions pad: 380 x 520 x 69 mm. Equipped with hexagonal adapter for attaching hexagonal head rest holders 90040 or 90041 with adapter 90456.

90900  
Head rest rigid, short version for schaerer® axis 400-700  
With side rails 25 x 10 mm.

90901  
Head rest rigid, short version for schaerer® axis 400-700  
With side rails 30 x 10 mm.  
With pad 69 mm. Dimensions pad: 200 x 520 x 69 mm. Equipped with hexagonal adapter for attaching hexagonal head rest holders 90040 or 90041 with adapter 90456.
All models can be optionally equipped with the illustrated head and leg plates.

91495 Leg plates 2-part for schaerer® axis 400-700
With side rails 25x10 mm.
91485 Leg plates 2-part for schaerer® axis 400-700
With side rails 30x10 mm.
Standard leg plate consisting of 2 small and 2 large leg plate pads (69 mm). Tilting up and down with gas-lift spring assistance. Swivelling outwards.
Dimensions: 725x250x170 mm.

91496 Leg plates 2-part for schaerer® axis 400-700
With side rails 25x10 mm.
91486 Leg plates 2-part for schaerer® axis 400-700
With side rails 30x10 mm.
Leg plates, consisting of 2 small and 2 large leg plate pads (69 mm). Small pads in triangular shape. Tilting up and down with gas-lift spring assistance. Swivelling outwards.
Dimensions: 725x250x170 mm.

90917 Leg plates simple, 2-part for schaerer® axis
With side rails 25x10 mm.
90918 Leg plates simple, 2-part for schaerer® axis
With side rails 30x10 mm.
Consisting of 2 leg plate pads (69 mm). Not swivable.
Dimensions: 720 x 250 x 130 mm.
Manually tilting up and down. Lockable with denticulated clamp joint.
Maximun free space for C-arm utilisation in the basic position

Basic position
Maximum free space for C-arm utilisation in the reverse 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 table without floor support

Rectum positioning
Laparoscopic interventions with «Great white platinum stirrups» and intermediate plate.

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

Lateral positioning for nephrectomy and posterio-lateral spinal column surgery
Neuro Surgery

Spine intervention in prone position with schaerer® Carbon Spine Frame (CSF)

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

Spine intervention in prone position with SchureSpine Frame.
Shoulder Surgery

Intervention on the shoulder with shoulder arthroscopy plate

Intervention on the shoulder in reverse position with shoulder arthroscopy plate and facial/occipital head rest

Intervention in the head and cervical area in reverse position with orthopaedic seat plate
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
- IM tibia nailing
- Femur neck nailing with orthopaedic accessories, leg plate with extension
Accessories for 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).

1 Traction bars, for femur, metal (1 pair) 90183
   or: Traction bar, for femur, metal (1 piece) 90182
   or: Traction bar ADVANCED, for femur, carbon-fibre 90974
   with: Multiple fixing clamp for traction bar ADVANCED 90978
2 Seat plate OTZ for axis with pad 51 mm 90919
3 Leg plates OTZ (1 pair)
   for side rails 25 x 10 mm 90410
   for side rails 30 x 10 mm 90409
4 Leg holder «Goepel» with pad and Velcro fastener
   Radial setting clamp 90330
   90506
5 Accessories trolley OTZ
   for side rails 25 x 10 mm 90429
   for side rails 30 x 10 mm 90430
6 Telescopic supports 90193
7 Extension shoes (1 pair) 90191
8 Counter-traction holder with pad 90187
9 Traction unit OTZ (order 2 pieces) 90184
10 Leg holder OTZ with pad 90199
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 Holder for leg holder «Goepel»
   for side rails 25 x 10 mm 90190
   for side rails 30 x 10 mm 90189
14 Perineal rod with pad
   Holder / lateral 90195
   90194
15 Traction bar, for tibia with pad 90186
16 Table extension for axis with pad 69 mm 90939
17 Packaging for OTZ accessories trolley (without picture) 91289
18 Adapter for extension shoe MIS (without 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>
</thead>
<tbody>
<tr>
<td>Table top outside of the column/thereof</td>
<td>1600/1450</td>
<td>1600/1450</td>
<td>1600/1450</td>
<td>—</td>
<td>1990/1900</td>
<td>mm</td>
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<tr>
<td>X-ray transparent</td>
<td>63.0/57.1</td>
<td>63.0/57.1</td>
<td>63.0/57.1</td>
<td>—</td>
<td>78.3/74.8</td>
<td>inch</td>
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<tr>
<td>Weight without head and leg plates</td>
<td>280/617</td>
<td>284/626</td>
<td>292/642</td>
<td>271/596</td>
<td>304/669</td>
<td>kg/lbs</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>Width of table top</td>
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<td>520/20.5</td>
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<td>520/20.5</td>
<td>520/20.5</td>
<td>mm/inch</td>
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<tr>
<td>Total width (with side rails)</td>
<td>580/22.8</td>
<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 (static)*</td>
<td>350/771</td>
<td>350/771</td>
<td>350/771</td>
<td>350/771</td>
<td>350/771</td>
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<td>686-1092</td>
<td>686-1092</td>
<td>686-1092</td>
<td>689-1095</td>
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<tr>
<td>Trendelenburg/Reverse Trendelenburg</td>
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<td>28/28</td>
<td>28/28</td>
<td>28/28</td>
<td>28/28</td>
<td>degree</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>degree</td>
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<td>Seat plate up</td>
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<td>76</td>
<td>76</td>
<td>76</td>
<td>28</td>
<td>degree</td>
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<tr>
<td>Seat plate down</td>
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<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>degree</td>
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<tr>
<td>Motorised leg plate up (basis position)</td>
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<td>—</td>
<td>15</td>
<td>—</td>
<td>80</td>
<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>

* all positions, dynamic mode

** standard configuration, static mode, lowest position
Product dimensions

- **schaerer® axis 400/500**
  - Dimension

- **schaerer® axis 800**
  - Flex/Reflex-Position

- **schaerer® axis 800**
  - Seat plate

- **schaerer® axis 400 - 600**
  - Standard position

- **schaerer® axis 400 - 600**
  - Reverse position

- **schaerer® axis 400 - 700**
  - Flex/Reflex-Position

- **schaerer® axis 600**
  - Leg plate

- **schaerer® axis 400 - 800**
  - Trendelenburg/Reverse-Trendelenburg

- **schaerer® axis 400 - 800**
  - Lateral tilt left/right
## Technical data

**Technical data:**
- Electrical mains connection: 100-120/200-240 V AC, 50-60 Hz
- Control voltage: 24 V DC
- Battery charging time: 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 / 661.4 lbs

**Electro-hydraulic:**
- Height adjustment up/down
- Trendelenburg / Reverse Trendelenburg
- Lateral tilt left / right
- Seat plate up / down
- Leg plate up / down (schaerer® axis 600 and 800 Basic-Position)
- Head plate up / down (schaerer® axis 600 and 800 Reverse-Position)
- Flex / Reflex
- Zero position

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

Due to non avoidable technical tolerances all numbers can differ +/- 3-5% Subject to modifications accoding to MDD 93/42/EEC

## Notes