<table>
<thead>
<tr>
<th>Feature</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features schaer axis 200/300</td>
<td>3</td>
</tr>
<tr>
<td>Positioning Possibilities</td>
<td>10</td>
</tr>
<tr>
<td>Technical Data</td>
<td>20</td>
</tr>
<tr>
<td>Accessories</td>
<td>22</td>
</tr>
</tbody>
</table>
The **schaerer axis 200/300** product range includes 10 different models which have been designed for the varied requirements of different disciplines, whether in the surgical practice, in outpatient surgery or hospital surgery. A favorable price-performance ratio takes available budgets into consideration.
**APPLICATION AND EQUIPMENT**

Special attention has been paid to the design to ensure user-comfort and functionality, for an operating table in this price class.

- The positioning of the table is simple and straightforward. The desired function is set by means of the selection lever and then activated with the foot pedal. In addition to the foot pedal all **schaereraxis E** models are equipped with a handcontrol to activate the selected function which is electro hydraulically powered.
- The head, back and leg plates are manually adjustable through a safe and simple process. Each respective movement is assisted by gas-pressure springs.
- Rechargeable batteries for the E models, and manual control via the foot pedal for all models, allow the **schaereraxis 200/300** tables to work flexibly, reliably and independently.
- The table top is radiolucent (for work with the C-arm) and also features guide rails for the insertion of X-ray cassettes under the cushions.
- The **schaereraxis** models **302, 303, 302E** and **303E** are also fitted with a manual longitudinal shifting feature for unobstructed C-arm positioning.
- The high-quality cushions are provided with an electrically conductive covering.
- Four large, swivelling double castors facilitate table mobility in all directions. The castors are, of course, electrically conductive. With the foot lever, a fifth, central wheel can be connected to the castors, thus guaranteeing precise directional stability and allowing the table to be easily and accurately steered in all directions, even by one person.
- The same foot lever can be used to firmly lock the table in

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**SCHAERER AXIS MODELS AND COMPONENTS**

<table>
<thead>
<tr>
<th>schaereraxis Models</th>
<th>200</th>
<th>201</th>
<th>300</th>
<th>301</th>
<th>302</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article number without head and leg plates</td>
<td>580000</td>
<td>580100</td>
<td>580001</td>
<td>580101</td>
<td>580003</td>
</tr>
<tr>
<td><strong>Model-Configuration</strong></td>
<td></td>
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<tr>
<td>Height adjustment up / down with foot pedal</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Height adjustment up / down, also electro-hydraulic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Trendelenburg/Reverse Trendelenburg with foot pedal</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Trendelenburg/Reverse Trendelenburg, also electro-hydraulic</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lateral tilt l / r with foot pedal</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Lateral tilt l / r, also electro-hydraulic</td>
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<td></td>
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<tr>
<td>Manual head plate adjustment with gas spring support</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Manual back plate adjustment with gas spring support</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Manual leg plate adjustment with gas spring support</td>
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<tr>
<td>Integrated kidney elevator, adjustable via foot pedal</td>
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<tr>
<td>Manual longitudinal shifting, 250 mm</td>
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<td></td>
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<tr>
<td>Fifth wheel for precise directional stability</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Weight, including head and leg plates</td>
<td>160 kg</td>
<td>170 kg</td>
<td>180 kg</td>
<td>190 kg</td>
<td>190 kg</td>
</tr>
</tbody>
</table>
the working position. The castors are well-protected against soiling and, if necessary, can be easily cleaned.

The base covering is made of durable, hard-wearing plastic. This material’s lightweight properties facilitate the mobility of the operating table. Nickel chromium steel is used for the stable framework, the table top and the telescoping column shroud.


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<table>
<thead>
<tr>
<th>303</th>
<th>300E</th>
<th>301E</th>
<th>302E</th>
<th>303E</th>
</tr>
</thead>
<tbody>
<tr>
<td>580103</td>
<td>580002</td>
<td>580102</td>
<td>580004</td>
<td>580104</td>
</tr>
</tbody>
</table>

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All **schaerer axis E** models are equipped with a hand-control to activate the selected function which is electro hydraulically powered.

Operating lever with safety position for the gas-spring assisted adjustment of the back plate (1). Operating lever with safety position for the manual longitudinal shifting of the table top (2). (When applicable)
As an option, all models can be equipped with the head and leg plates pictured here.

580008  Head Plate
Stepless adjustment of inclination with gas spring.

580009  Head rest
With double articulated joint (hinged), ideal for lateral patient positioning; stepless adjustment of inclination with gas spring.

580011  Leg Plate
Split leg plates (pair); lateral swivelling; stepless adjustment of inclination with gas spring.

580010  Leg Plate
One piece; stepless adjustment of inclination with gas spring.
Schaerer axis Models 302, 303, 302E and 303E are equipped with manual longitudinal shifting (250 MM) for unobstructed C-arm positioning.

Schaerer axis models 201, 301, 303, 301E, 303E are equipped with an integrated kidney elevator which can be selected with the pre-selection lever and raised via a foot pedal.

Pre-selection lever for the activation of the integrated kidney elevator (1); raised with the foot pedal (2).
schaerer axis 200/300 – positioning possibilities
Optimal C-arm access in Basic and Reverse Positions (illustration of schaerer axis 302 E)
Cholecystectomy positioning with integrated kidney elevator (schäfer axis Models 201, 301, 301E, 303, 303E)
Laparoscopy surgery with InfiniMax Leg Holders 90.507. Optimal comfort for the patient and maximum freedom for the surgeon.

Medulla stimulation, pain therapy

Knee Arthroscopy Surgery – position for cruciate ligament plastic with leg holder for arthroscopy 90.357

Knee Arthroscopy Surgery – leg in hanging position with leg holder for arthroscopy 580048
NEURO-SURGERY

Optimal access for operations in sitting or horizontal position

Surgery in dorsal position with original MAYFIELD® accessories and Universal-Adapter 580053
Surgery in sitting position with the use of the Shoulder-Arthroscopy plate 580039 and original MAYFIELD® accessories
Surgery in the head (ENT) and neck area with head rest 580050/580065, intermediate piece 580052, and Universal adapter 580053.

Ophthalmology surgery with Ophthalmology Set 580074 consisting of:
1 head plate with cushion (250 x 230 mm) and arm rest, 2 setting clamps,
1 intermediate piece, 1 Universal adapter.

Half-sitting position with standard head plate for Struma procedure or tonsillectomy.
Gynaecological and urological positions with InfiniMax leg holders 90.507 (1) or Goepel leg holders 580047 (2). Seat plate extensions for maximum C-arm access and a variety of basins are available for urological operations (see OR Table Accessories).

Shoulder surgery with Shoulder-Arthroscopy plate 580039, head rest 580050/580065 and intermediate piece 580052. Shoulder plate with adjustable side segments for exposure of and optimal access to the shoulder. Inclination adjustment via gas spring.
ORTHOPAEDIC-TRAUMATOLOGICAL POSITIONING

Extension device with transport trolley adapted to models *schaerer axis 200/300* and *axis 300 EDA*.

Positioning for lower leg surgery with lower leg holder, shortened 580069.

Positioning for placement of pelvic plaster with pelvic plaster accessory 580070.
Dorsal position for medullary nailing of femoral neck. Complete C-arm access on both levels.
TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>1140 mm (without head- and leg plates)</th>
<th>2130 mm (with head- and leg-plates)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td>1140 mm (without head- and leg plates)</td>
<td>2130 mm (with head- and leg-plates)</td>
</tr>
<tr>
<td><strong>Width of the table top</strong></td>
<td>540 mm (without side rails)</td>
<td>590 mm (with side rails)</td>
</tr>
<tr>
<td><strong>Diameter of the swivelling double castors</strong></td>
<td>125 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Height adjustment range incl. cushions</strong></td>
<td>720–1080 mm (Models without longitudinal shifting)</td>
<td>740–1100 mm (Models with longitudinal shifting)</td>
</tr>
<tr>
<td><strong>Trendelenburg / Reverse Trendelenburg</strong></td>
<td>30°</td>
<td></td>
</tr>
<tr>
<td><strong>Back plate adjustment</strong></td>
<td>+ 70° / − 50°</td>
<td></td>
</tr>
<tr>
<td><strong>Leg plate adjustment</strong></td>
<td>+ 20° / 90°</td>
<td></td>
</tr>
<tr>
<td><strong>Lateral tilting right/left</strong></td>
<td>20°</td>
<td></td>
</tr>
<tr>
<td><strong>Spread of split leg plates</strong></td>
<td>90°</td>
<td></td>
</tr>
<tr>
<td><strong>Head plate adjustment</strong></td>
<td>+ 20° / − 45°</td>
<td></td>
</tr>
<tr>
<td><strong>Angle of head plate with double articulated joint (hinged)</strong></td>
<td>25°</td>
<td></td>
</tr>
<tr>
<td><strong>Manual longitudinal shifting (Models 302, 303, 302E, 303E)</strong></td>
<td>250 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum patient weight (rated load)</strong></td>
<td>135 kg</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum patient weight in horizontal position (without adjustment)</strong></td>
<td>185 kg</td>
<td></td>
</tr>
<tr>
<td><strong>Power supply E-Models</strong></td>
<td>230 V, 50 Hz (other voltages possible)</td>
<td></td>
</tr>
</tbody>
</table>
schaerer axis 302 / 303 / 302E / 303E
with manual longitudinal shifting

schaerer axis 201 / 301 / 303 / 301E / 303E
with integrated kidney elevator
In combination with an extensive range of accessories, the *schaerer axis 200/300* operating tables are products which meet the requirements of all medical disciplines.
**ACCESSORIES**

### A. CLAMPS

**90.506  **Radial setting clamp
with fixing screw rotating, for bars diameter 16–18 mm, for side rails 25 x 10 mm and 30 x 10 mm

**90.537  **Fixing clamp
with fixing screw not rotating, for bars diameter 16–18 mm, for side rails 25 x 10 mm and 30 x 10 mm

**90.538  **Fixing clamp
with fixing screw, not rotating, for square bars 25 x 25 mm, for side rails 25 x 10 mm and 30 x 10 mm

**90.539  **Radial fixing clamp
with fixing screw, rotating, for square bars 25 x 25 mm, for side rails 25 x 10 mm and 30 x 10 mm

**580041  **Rapid setting clamp
rotating, for bars diameter 16–18 mm for side rails 25 x 10 mm

**580020  **Rapid setting clamp
not rotating, for square bars 20 x 20 mm, for side rails 25 x 10 mm

**580017  **Setting Clamp
rotating, for bars diameter 16–18 mm, for side rails 25 x 10 mm

**580014  **Setting clamp
not rotating, for bars diameter 16–18 mm and for rectangular bars 10 x 25 mm, for side rails 25 x 10 mm
**B. Basic Accessories for Anaesthesia**

- **90.520 Armauflage**
  With rapid setting clamp, arm cradle with one-hand adjustment through central fixing lever 450 mm, width 120 mm. Arm cradle additionally adjustable with ball and socket joint.
  **90.343 Fixing straps with velcro fasteners (order 2 pieces)**

- **90.521 Arm rest**
  Clamp with fixing screw, arm cradle with one-hand adjustment through central fixing lever. Dimensions: Length 450 mm, width 120 mm. Without ball and socket joint.
  **90343 Fixing straps with velcro fasteners (order 2 pieces)**

- **580040 Arm rest**
  Clamp with fixing screw, adjustable up/down and laterally, height adjustable, swivelling through 180°, length 600 mm, width 150 mm

- **580045 Body strap**
  with clamps for fixing to the side rail, woven fabric strap with velcro fastener, washable

- **580041 Anaesthesia screen**
  simple version, without clamp
  **580041 1 piece rapid setting clamp, rotating, or**
  **90.506 1 piece radial setting clamp with fixing screw for side rails 25x10 mm and 30x10 mm**

- **580018 Anaesthesia screen**
  Vertical rod height adjustable, horizontal rod with 2 clips for anaesthesia accessories and with 2 laterally extendable rods.
  **580041 1 piece rapid setting clamp, rotating, or**
  **90.506 Radial setting clamp with fixing screw for side rails 25x10 mm and 30x10 mm**
580046 Infusion pole
for fixing to the side rail. Extendable. Ball and socket joint adjustment. Top part with 4 hooks.

580031 Holder for side rest and back rest
without clamp, height adjustable, swivelling with longitudinal extension. For receiving the lateral- and back rests 580032 / 580034 / 580033.

580020 1 piece rapid setting clamp

580033 Pubis-/sacrum-/sternum support
for 580031, pad rotating, lockable. Dimensions pad 85 x 85 mm

580044 Hand strap
for hooking onto the anaesthesia screen 580018. Woven fabric strap, washable, with velcro fastener

580035 Side rest
for fixing to the side rail, pad rounded

580032 Lateral support
for 580031, pad rounded, rotating, lockable, detachable. Dimensions pad 220 x 100 mm

580034 Back- and buttocks support
for 580031, pad rotating, lockable, detachable. Dimensions pad 200 x 120 mm

580031 Holder for side rest and back rest
without clamp, height adjustable, swivelling with longitudinal extension. For receiving the lateral- and back rests 580032 / 580034 / 580033.

580020 1 piece rapid setting clamp

580032 Lateral support
for 580031, pad rounded, rotating, lockable, detachable. Dimensions pad 220 x 100 mm

580034 Back- and buttocks support
for 580031, pad rotating, lockable, detachable. Dimensions pad 200 x 120 mm

580033 Pubis-/sacrum-/sternum support
for 580031, pad rotating, lockable. Dimensions pad 85 x 85 mm

580044 Hand strap
for hooking onto the anaesthesia screen 580018. Woven fabric strap, washable, with velcro fastener

580035 Side rest
for fixing to the side rail, pad rounded

580032 Lateral support
for 580031, pad rounded, rotating, lockable, detachable. Dimensions pad 220 x 100 mm

580034 Back- and buttocks support
for 580031, pad rotating, lockable, detachable. Dimensions pad 200 x 120 mm

580033 Pubis-/sacrum-/sternum support
for 580031, pad rotating, lockable. Dimensions pad 85 x 85 mm

580044 Hand strap
for hooking onto the anaesthesia screen 580018. Woven fabric strap, washable, with velcro fastener

580035 Side rest
for fixing to the side rail, pad rounded

580032 Lateral support
for 580031, pad rounded, rotating, lockable, detachable. Dimensions pad 220 x 100 mm

580034 Back- and buttocks support
for 580031, pad rotating, lockable, detachable. Dimensions pad 200 x 120 mm

90.357 Leg holder for arthroscopy
Height adjustable, radial swivel, movable femoral supports; without radial fixing clamp and femoral support pads
90.539 Radial fixing clamp
90.168 Femoral support pads (order 2 pieces)

580048 Leg holder for arthroscopy
adjustable with spindle drive, without pad. Plugs into the receiving bores of the legplates. Not height adjustable.

580062 Pads (order 2 pieces)

90.356 Knee rest
with foam rubber pad ø 80 mm, without radial setting clamp.

90.539 Radial setting clamp

81.693 Side rail extension
for side rails 30 x 10 mm, L: 250 mm
81.694 Side rail extension
for side rails 25 x 10 mm, L: 250 mm
**C. General Surgery**

**580042 Hand surgery plate**
X-ray translucent plastic plate with telescopic support. Receptacle for X-ray cassettes. Dimensions: Length 700 mm, width 300 mm.

**580061 1 piece pad**

**580037 Rectoscopy roll pad**
for rectoscopy in prone position, swivelling, height adjustable. Rectoscopy roll pad adjustable for different operating table widths. Fixed to side rails, without clamp.

**580041 Rapid setting clamps** (order 2 pieces) or

**90.506 Rapid setting clamps for side rails 25x10 mm or 30x10 mm** (order 2 pieces)

**580038 Knee cradle/foot plate**
for fixing to the side rails of the leg plate, without fixing clamps.

**580014 Setting clamps (2 pieces)**
Knee cradle equipped with side rails for fixing the rectoscopy-, resp., buttocks roll pad 580037 with 2 radial setting clamps 90.506

**580056 Dorsal pad**
for vertebral disc operations, 840 x 460 x 100 mm, abdominal cut-out 460 x 300 mm, with cut-out for head.

**580058 X-ray cassette frame**
for x-ray cassettes up to 350 x 430 mm, insertable telescoping handle with position marks.

**580084 Radiolucent Truss, all axis models**
At back plate; radiolucent. Order table with radiolucent truss. Later installation not possible.

**580073 Ring head pad**
(Donut Head Pad) made of soft gel material, diameter 200 x 80 mm, H: 40 mm.

**580054 Kidney elevator**
for incorporation into the back plate frame, height adjustable with crank handle, pad in application with kidney elevator. Dimensions: 1450 x 500 mm.

**580076 Set of Extension Pads**
Set with 4 pieces, for seat and back plates. For fastening to the side rails. With side rails for attachment of accessories. For treatment of obese patients. Results in a table top width of 720 mm.
**ACCESSORIES**

**D. HEADRESTS**

- **580050** Horseshoe head rest
  without pad, utilization with connecting piece 580052 and universal adapter 580053
- **580065** Pad
- **580052** Connecting piece double joint articulation, with toothed clamping system, for horseshoe head rest 580050

- **580053** Universal adapter
  for receiving connecting piece 580052 or MAYFIELD® base unit 90870

- **580074** Ophthalmology Set
  Consists of:
  1. head plate with pad (250 x 300 mm)
  2. arm rest of nickel chromium steel
  3. setting clamps
  4. universal adapter
  5. intermediate piece

**E. NEUROSURGERY**

- **90870** MAYFIELD® Ultra Base Unit
  (A-2101) with double joint and rapid-action locking. Enhances patient safety. Ergonomically designed handle.
- **90871** Upgrade set (Ultrap)
  for MAYFIELD® Base unit 90851 (A-2001)

- **90853** MAYFIELD® 2000 Skull clamp
  without skull pins (A-2000)
- **90854** Skull pins for adults
  (skull pin adult A-1047), (order 3 pieces)
- **90855** Skull pins for children
  (skull pin child A-1048), (order 3 pieces) or: MAYFIELD® disposable skull pins.

- **90854** Skull pins for adults
  (skull pin adult A-1047), (order 3 pieces)
- **90855** Skull pins for children
  (skull pin child A-1048), (order 3 pieces) or: MAYFIELD® disposable skull pins.

- **90867** MAYFIELD® Triad skull clamp
  without skull pins (A-1108)
- **90854** Skull pins for adults
  (skull pin adult A-1047), (order 3 pieces)
- **90855** Skull pins for children
  (skull pin child A-1048), (order 3 pieces) or: MAYFIELD® disposable skull pins.
90858 MAYFIELD® Swivel Adapter
(Swivel Adapter A-1018)
utilization as connecting piece between
90870 and 90853/90860/90867 as well as 90856/90857. Enables 360°
rotation adjustment of the MAYFIELD®
headrest systems.

90859 MAYFIELD® Swivel Adapter
(Swivel Adapter A-1064)
utilization as connecting piece between
90870 und 90853/90860/90867 as well as 90856/90857. Enables 360°
rotation adjustment of the MAYFIELD®
headrest systems. Same as 90858 but
with ball and socket joint.

90852 MAYFIELD® Crossbar adapter
(Crossbar Adaptor A-1015)
for patient in sitting position, adjustable
to fit different operating table widths,
without radial setting clamps.

90.506 Radial setting clamps with
fixing screws (order 2 pieces)

580053 Universal adapter
for receiving connecting piece 580052
or MAYFIELD® base unit 90870
ACCESSORIES

F. GYNAECOLOGY / UROLOGY

580047  Leg rest according to Goepel
(Piece) leg cradle with ball and socket joint, adjustable.
580041  1 piece rapid setting clamp, rotating, or:
90.506  1 piece radial setting clamp with fixing screw for side rails 25x10 mm and 30x10 mm
580063  1 piece pad
580064  1 piece fixing strap

90.507  Leg rest InfiniMax
(Pair) leg cradle made of plastic. With gaslift spring support. With pad, without clamp.
90.509  Clamp for side rail 25x10 mm
90.510  Clamp for side rail 30x10 mm

580049  Basin with holder
for fixing to the column of the operating table. Basin with drain and hose, made of stainless steel.

580082  Foot Switch
(Only for models EDA)
Welded stainless steel housing, sealed against penetration of liquids, non-skid. For table functions raise/lower and Trendelenburg/Reverse Trendelenburg.

580080  Urology Adapter
For extension of seat plate to ca. 420 mm, with cutout for urological operations. Fully radiolucent. With side rails 25x10 mm, of nickel chromium steel.
580081  Gynaecology Adapter (without illustration)
For extension of seat plate to ca. 250 mm in urological and gynaecological operations. Fully radiolucent. With side rails and gynaecological cutout.

580079  Elbow Holder
with holder of nickel chromium steel for attachment to Urology Adapter 580080; electrically conductive pad (120 x 200 mm).

580077  Pivoting Basin with Rack
Basin and rack of nickel chromium steel, incl. setting clamp 580017, for attachment to side rails.
580078  Screen Insert
Made of nickel chromium steel for pivoting Basin 580077.
G. ORTHOPAEDIC-TRAUMATOLOGICAL ACCESSORIES

Extension (Traction) Unit consisting of:
580021 1 Extension device (Traction) unit (1)
580071 1 Pad for use with schaerer axis models with longitudinal shifting (2) or
580072 1 Pad for use with schaerer axis models without longitudinal shifting (3)
580022 2 Extension bars (4)
580023 2 Foot plates for adults (5)
580024 2 Foot collars for adults (6)
580025 1 Horse-shoe rest holder (7)
580026 1 Counter-traction unit for Tibia (lower leg) nailing with clamp (8)
580027 1 Universal leg support (9)
580028 1 Counter-traction rod for back and side positions (10)
580029 1 Lower leg holder with clamp (11)
580030 1 Transport trolley (12)

For schaerer axis models without longitudinal shifting
580066 Additional retrofitting kit for extension attachment obligatory (without illustration)

FURTHER ACCESSORIES:

580025 Horse-shoe rest holder
580026 Counter-traction unit for Tibia nailing with clamp
580027 Universal leg support
580029 Lower leg holder with clamp
580067 2 Foot plates for children
580068 2 Foot collars for children
580069 Lower leg holder, shortened, for children
580070 Pelvis plaster setting device
H. Shoulder Surgery

580039 Shoulder arthroscopy plate
with side rails 25x10 mm, gas-lift assisted adjustments of inclination

580050 Head rest
580065 Pad for head rest
580052 Connecting piece

I. Pediatrics

580083 Child Surgery Plate
For attaching to seat plate. Frame of nickel chromium steel with side rails 25x10 mm. Pad 700x400 mm, not adjustable.

K. Accessory Trolley

580059 Trolley for accessories
Tubular square bar construction with 5 sliding rails and hooked-on basket, made of stainless steel, swivelling rollers electrically conductive. Overall dimensions: 1430 mm high, 630 mm wide, 580 mm deep.