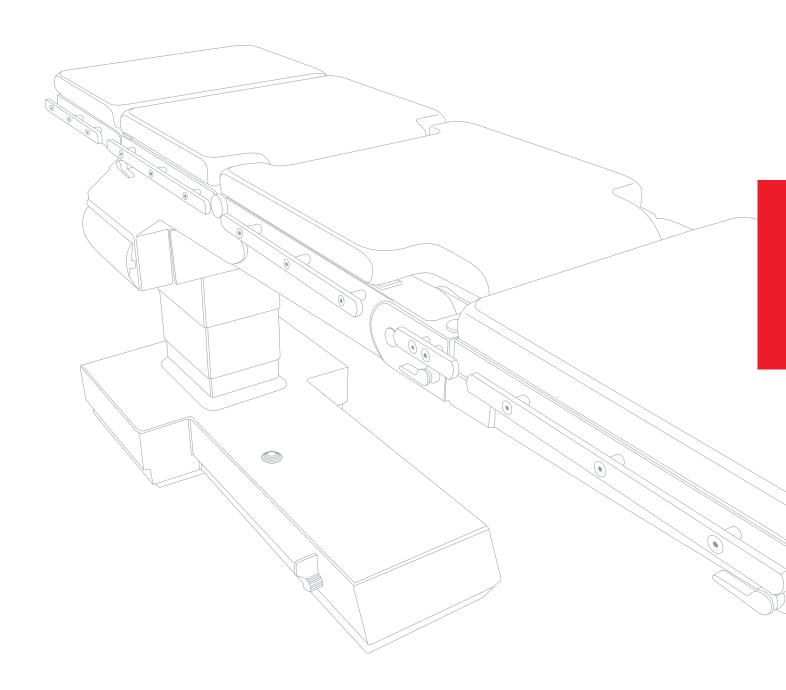
# schaerer® axis





MOBILE OPERATING TABLES
FOR ALL SURGICAL APPLICATIONS



## E-schaerermedical®

# Medical products and solutions made in Switzerland

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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.

# schaerer axis Mobile universal operating tables

The **schaerer®** axis 400-800 model range is the most successful product line in over 100 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.



## - schaerermedical®

### schaerer® axis

# 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 outside the column up to 1990 mm.

#### **MAXIMUM RELIABILITY**

Used thousands of times every day all over the world with low maintenance electro-hydraulic systems and precise processor control units.

#### **MAXIMUM MOBILITY**

Multi-axial low friction castors move and position the table effortlessly and with extreme flexibility even in a limited area.

#### **MAXIMUM STABILITY**

The use of high quality Swiss materials and components ensures strength and a long service life.

#### **MAXIMUM SAFETY**

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

#### **MAXIMUM TRANSPARENCY**

The pronounced eccentric column arrangement and X-ray transparent table top area ( $1900 \times 370$  mm) make the table the ideal partner for modern imaging systems.

#### MAXIMUM FLEXIBILITY

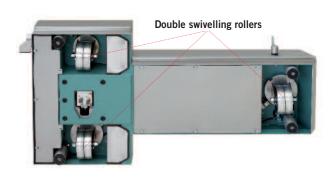
The seat and leg plate axis are far away from the column. Associated with a modular design and finalized with a wide range of accessories we can guarantee you a maximum flexibility to fulfil all your individual needs.



Emergency operating panel: the second control system can be activated through the integrated emergency operating panel.



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



View of the bottom of the operating table: double swivelling castors enable the table to be moved in any direction.



## E-schaerermedical®

## schaerer® axis

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

#### **MODELS**







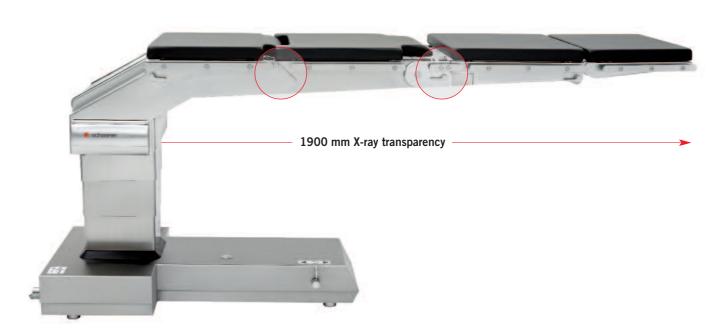


### schaerer® axis 700

The ortho-trauma table with one electro-hydraulically driven table top axis. 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 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. Ideal for neurosurgery and ENT operations through the unobstructed access to the operating field.



### **Product characteristics**





91450 Head rest, standard, tilting up and down with side rails  $25\,x\,10~\text{mm}$ 

**91453** Head rest, standard, tilting up and down with side rails 30 x 10 mm

Standard head rest for the models schaerer® axis 400-700. Length:  $400\,\mathrm{mm}$ . Continuous adjustment with gas-lift spring assistance.



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

adapter 90456.

attaching the head rest holder 90040 and 90041 with



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
91441 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.



90553 Leg plates, 2-part
with side rail 25 x 10 mm
90554 Leg plates, 2-part
with side rail 30 x 10 mm
Leg plates, consisting of 2 small and 2 large leg plate
pads. Small plate pads in triangular shape. Optimum
access when swivelled outwards. With gas-lift spring
assistance.



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.

### Product characteristics



# Maximum free space for C-arm utilisation in the basic position



# Maximum free space for C-arm utilisation in the reverse position



Reverse position (maximum position) thereof 1900 mm X-ray transparent 1990 mm table top from the column with schaerer® axis 800 (image)

## **General Surgery**



Cholescystectomy positioning table top from the column 1600mm, 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



Gynaecological and urological intervention Side positioning for nephrectomy with leg holders  ${\tt «InfiniMax»}$ 



Side positioning for nephrectomy and antero-lateral spinal column surgery

## **Neuro Surgery**



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



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



Positioning for spinal column surgery

# Shoulder Surgery



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



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



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

# Orthopaedic and Traumatologic Surgery schaerer MIS-Extension



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.



# Orthopaedic and Traumatologic Surgery schaerer® MIS-Extension



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 Traumatologic Surgery**





## Orthopaedic and Traumatologic Surgery





# **Orthopaedic and Traumatologic Surgery**





## 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 2 3	Traction bars for the femur (pair) Orthop. / traumat. seat plate Orthop. / traumat. leg plates (pair)	90183 90244
3	with side rails 25 x 10 mm with side rails 30 x 10 mm	90410 90409
4	Leg holder «Goepel»	90330 90167
	Pad Radial setting clamp	90506
5	Fixing strap Accessories trolley with symbols	90344
	with side rails 25 x 10 mm with side rails 30 x 10 mm	90420 90418
6 7	Telescopic supports Traction shoes (pair)	90193 90191
,	naction choos (pan)	30131

8	Counter-traction holder with pad	90187/90145
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	91293
	accessories trolley (no picture)	

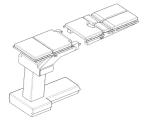
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## - schaerermedical®

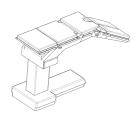
### **Product characteristics**



schaerer® axis 400 - The basic model with one-part seat plate bars. Head plate and leg plates are manually adjustable.



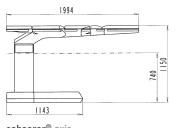
schaerer® axis 500 - The universal one, with two-part seat plate bars to hold accessories for orthopaedics and traumatology. Head plate and leg plates are manually adjustable.



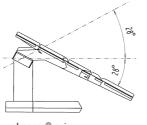
schaerer® axis 600 - The comfortable one, with one-part seat plate bars and motor-driven leg plate adjustment. Leg plates in basic position or head plate in reverse position can be adjusted by motor and manually.

schaerer® axis	400	500	600	700	800	unit
Table top outside of the column / thereof X-ray transparent with intermediate plate*/ thereof X-ray transparent	1600 / 1450 1980 / 1830	1600 / 1450 1980 / 1830	1600 / 1450 1980 / 1830	-	1990 / 1900	mm
Weight without head and leg plates	280	284	292	271	304	kg
Length without head and leg plates	865	865	865	485	1030	mm
Length with head and leg plates	1997	1997	1997	-	1960	mm
Width of table top	520	520	520	520	520	mm
Total width (with side rails)	580	580	580	580	580	mm
Maximum patient weight	220	220	220	220	180	kg
Column range of motion	734 - 1140	734 - 1140	734 - 1140	734 - 1140	737 - 1145	mm
Trendelenburg / reverse Trendelenburg	28 / 28	28 / 28	28 / 28	28 / 28	28 / 28	0
Lateral tilting right/left	18	18	18	18	18	0
Seat plate up	76	76	76	76	30	0
Seat plate down	40	40	40	40	40	0
Motorised leg plate up (basis position)	-	-	15	-	80	0
Motorised leg plate down (basis position)	-	-	70	-	105	0

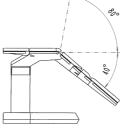
<sup>\*</sup>patient weight permitted with intermediate plate: basic position 180 kg / reverse position 150 kg



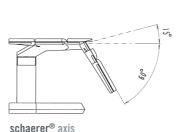
schaerer® axis **Basic position** 



schaerer® axis **Basic** position



schaerer® axis **Basic** position

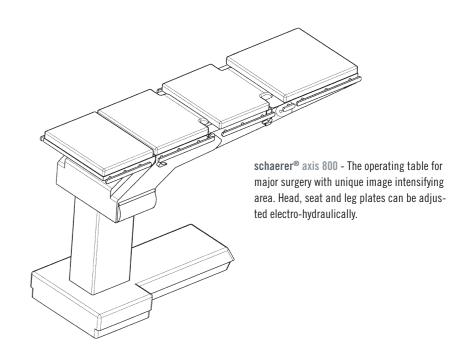


Basic position (schaerer® axis 600)

### Technical data



schaerer® axis 700 - The basic model for orthopaedics and traumatology. Table top consisting of head and back plate and short seat plate bars.



#### Technical data:

Electrical mains connection 230 V/50 Hz (other voltages on request) 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 capacity 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 tilt left/right

Seat plate up/down Leg plate up/down

(schaerer® axis 600 u. 800 Basis-Position)

Head plate up/down

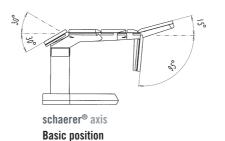
(schaerer® axis 600 u. 800 Reverse-Position)

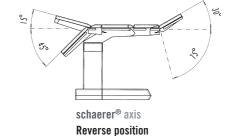
Flex/Reflex Zero position

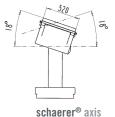
#### Manual:

Head plate up/down Leg plate up/down Leg plates swivelling out 90°

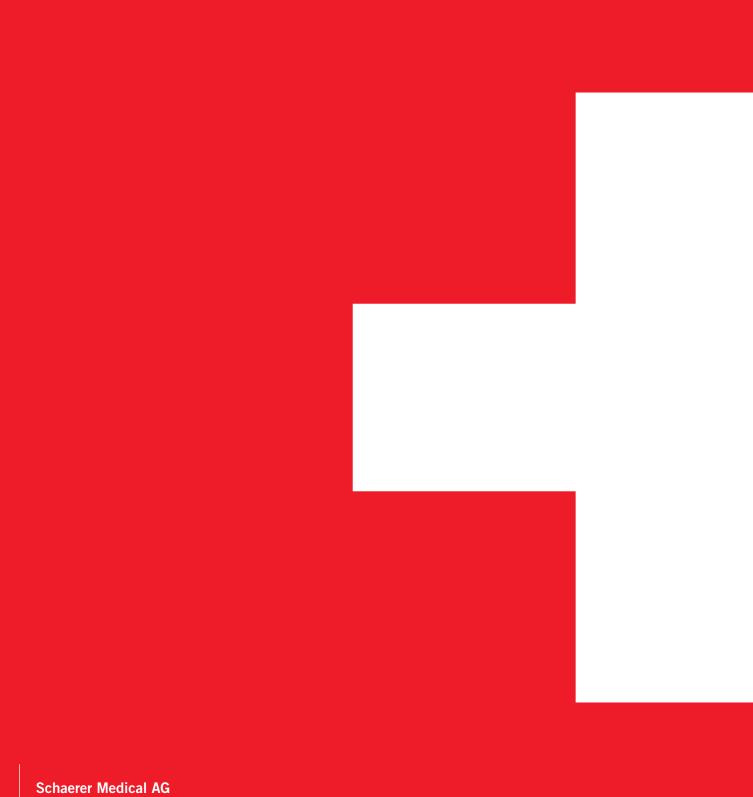








Basic + Reverse position



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