

MAQUET

DATASHEET

MAGNUS

Operating Table System
MAGNUS



MAGNUS operating table column

- Operating table column to take system-compatible operating table surfaces
- Electronically controlled column drive
- Operating table surfaces can be taken over from both sides and head or foot first, as required. Automatic detection of direction of operating table surface on the column and assignment of function keys on operating device accordingly
- Horizontal adjustment of column head (post-operative) either by calling up the zero setting function using the operating device or by retraction of the transporter and control of the “up/down” column function
- Control of the motor-driven movements of the operating table system via IR operating device, pendant operating device or foot-operated switch and via the additional operating panel integrated in the operating table column
- Two splash-proof plug connections for the parallel connection of pendant operating device and foot switch
- Cr-Ni steel column cladding

Available in four versions

1180.01A0 Stationary version for installation in floor assembly plate 1120.98A0 or 1150.98A0

- Liquid-tight assembly, flush with finished floor edge; can be rotated through approx. 350° and fixed in any position
- Power supply to operating table column via stationary transformer unit with battery buffer

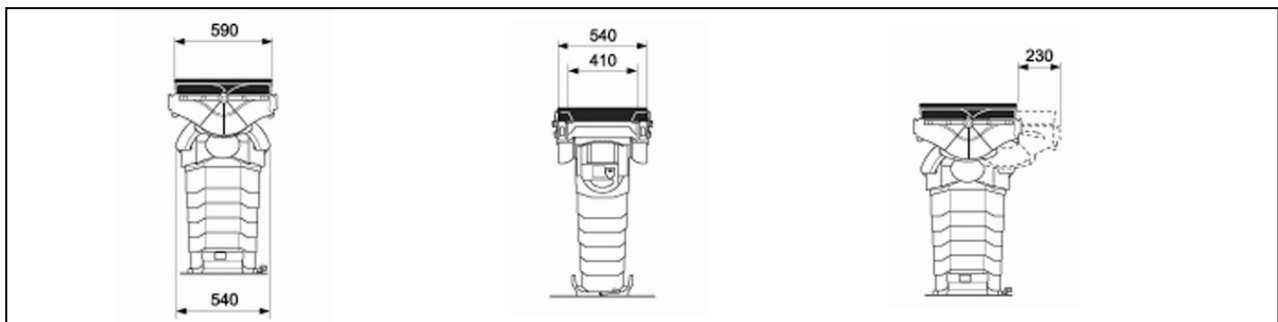
1180.01B0 Stationary version with floor mounting plate for installation on finished floor

- Power supply same as 1180.01A0

1180.01C0 Mobile version, can be moved with transporter

- Power supply to operating table column through maintenance-free batteries integrated into floor slab; operating capacity between two charges: approx. 1 operating week
- Batteries are recharged and operating table column is operated via mains power supply through a mobile transformer unit which is included in the delivery

1180.01D0 Movable version, same as 1180.01C0 but with own drive mechanism



1180.10A0 Modular universal operating table top

- Operating table top as symmetrical basic unit, divided twice, with interfaces identical on both sides for individual configuration in accordance with surgical requirements (plug-in module can be selected optionally)
- Table top between bars without cross-struts, suitable for radioscopy for intra-operative use of image amplifier
- Operating table top frame and side rails (10 x 25 mm) made from Cr-Ni steel *
- X-ray-permeable hybrid cushioning, 80 mm thick, electrically conductive. The support plates can be removed without tools for easy cleaning
- The centre part of the sandwich-structure cushion (lying protection with visco-elastic foam and two-way stretch covering) provides excellent pressure distribution and reduces shearing forces.

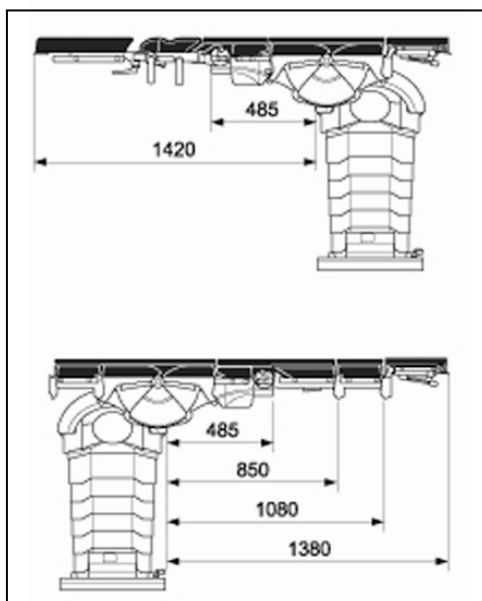
Operating table top is powered by electric motors for the longitudinal extension function (open for radioscopy with C arm) and "back plate up/down" and "leg plates up/down" functions.

All drives with electronically regulated gentle start-up for smooth start-up of every movement for maximum patient comfort.

Reproduces the most recently saved patient position after C arm checking in different patient position via manual control device

- Up to 10 patient positions can be easily stored and accessed using the manual control device. Horizontal alignment of all driven table top segments including operating column head via zero setting function. The practical horizontal alignment of the individual functions meets medical requirements and avoids unfavourable intermediate positions for the patient.

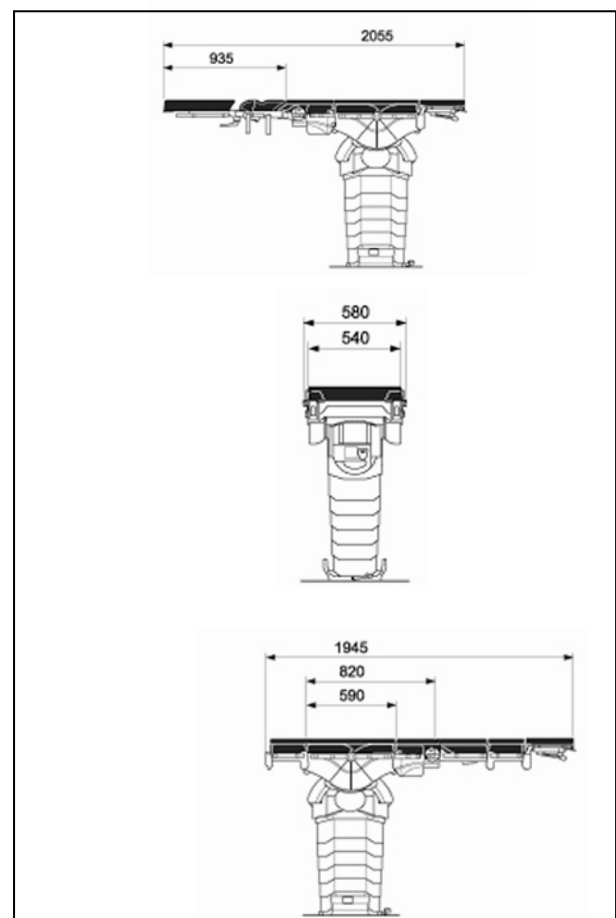
* US-Version 9,54 x 28,6 mm



Radiotranslucent area

Dimensions

Length of basic table top	590 mm
Length of joint module (1180.11X0)	230 mm
Length of back plate (1180.31X0)	365 mm
Length of head plate (1180.53X0)	300 mm
Length of extension plate (1180.32X0)	230 mm
Length of leg plate (1180.54X0)	935 mm
Width (across padding)	540 mm
Width (across side rails)	580 mm
Longitudinal shift, motor-powered	± 230 mm
Longitudinal shift, total	460 mm

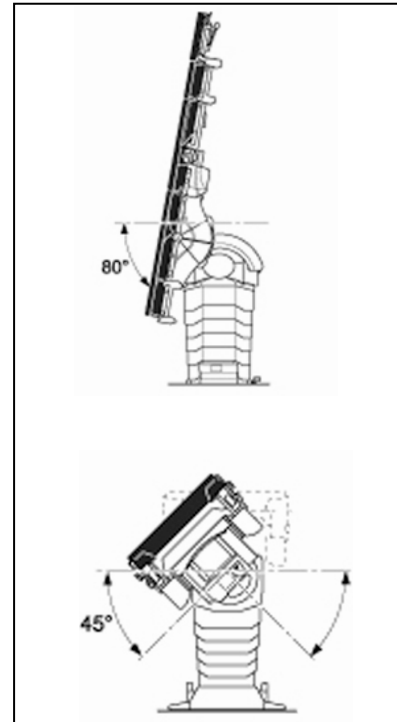


Dimensions

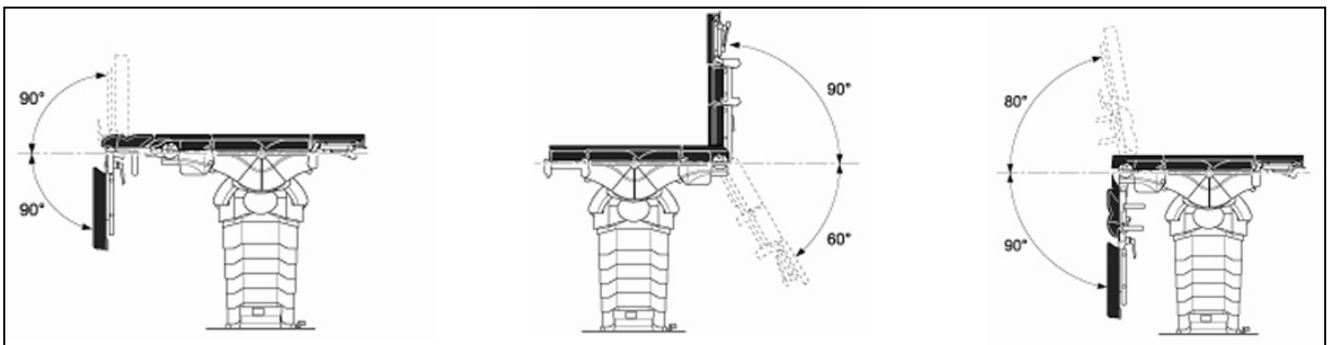
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Motorised adjustments

Height (upper edge of cushion) Stationary column	595 – 1315 mm
Height (upper edge of cushion) Mobile column	625 – 1345 mm
Inclination head/foot down	80°/80°
Tilt, left/right	45°/45°
Longitudinal shift	460 mm
Back plates up/down	+90°/-60°
Leg plates up/down	+80°/-90°
Max. patient weight incl. accessories:	
Mobile columns	250 kg
Stationary columns with limitation	380kg

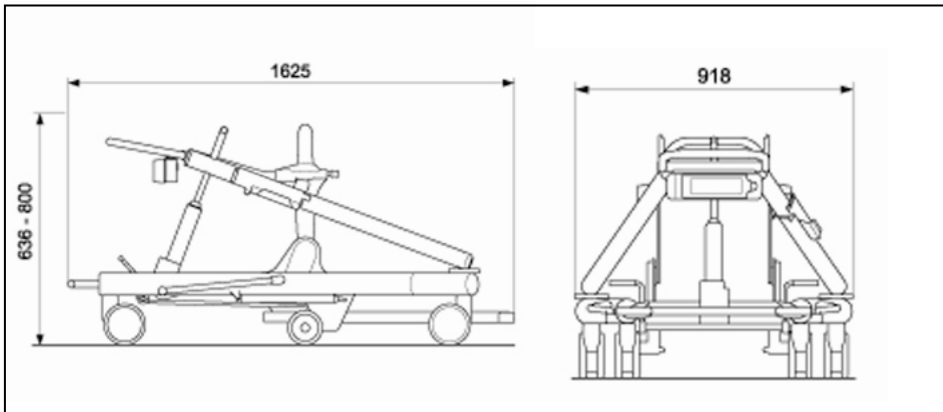


Tilt

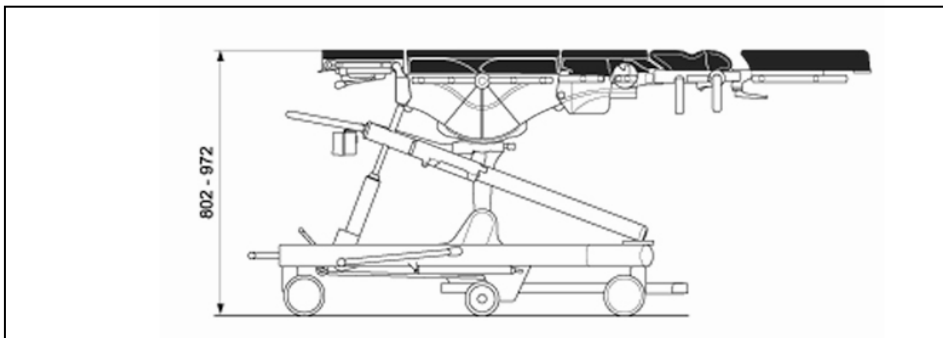


Adjustment ranges calf plate / back plate / leg plate and thigh plate

Transporter	1180.63X0	1180.64X0	1180.65X0
Length	1625 mm	1625 mm	1625 mm
Width	918 mm	918 mm	918 mm
Height	800 mm	800 mm	636 ... 800 mm
Height adjustment	-	-	164 mm
Weight of transporter	74 kg	76 kg	79 kg
Maximum permissible overall load	380kg (SN: ab 00030) 250 kg (SN: bis 00029)	380 kg (SN: ab 00180) 250 kg (SN: bis 00179)	380 kg (SN: ab 00170) 250 kg (SN: bis 00169)



Dimensions



Height of transporter with table top