



» OPERATING TABLES VECTOR 1 «





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In order to keep hazards to patients, users or, if necessary, third parties as low as possible, the instructions for use must be carefully observed. The application, cleaning and testing of the instruments may only be carried out by trained specialists.

1 SCOPE



These instructions for use apply to the operating tables Vector 1 from Tekno-Medical Optik-Chirurgie GmbH (hereinafter “Tekno-Medical”).

2 INTENDED USE

Operating tables are used to support the patient in the different phases of the operation, such as preparation for the operation, administration of anaesthesia, performance of the procedure and waking the patient up from anaesthesia after the operation.

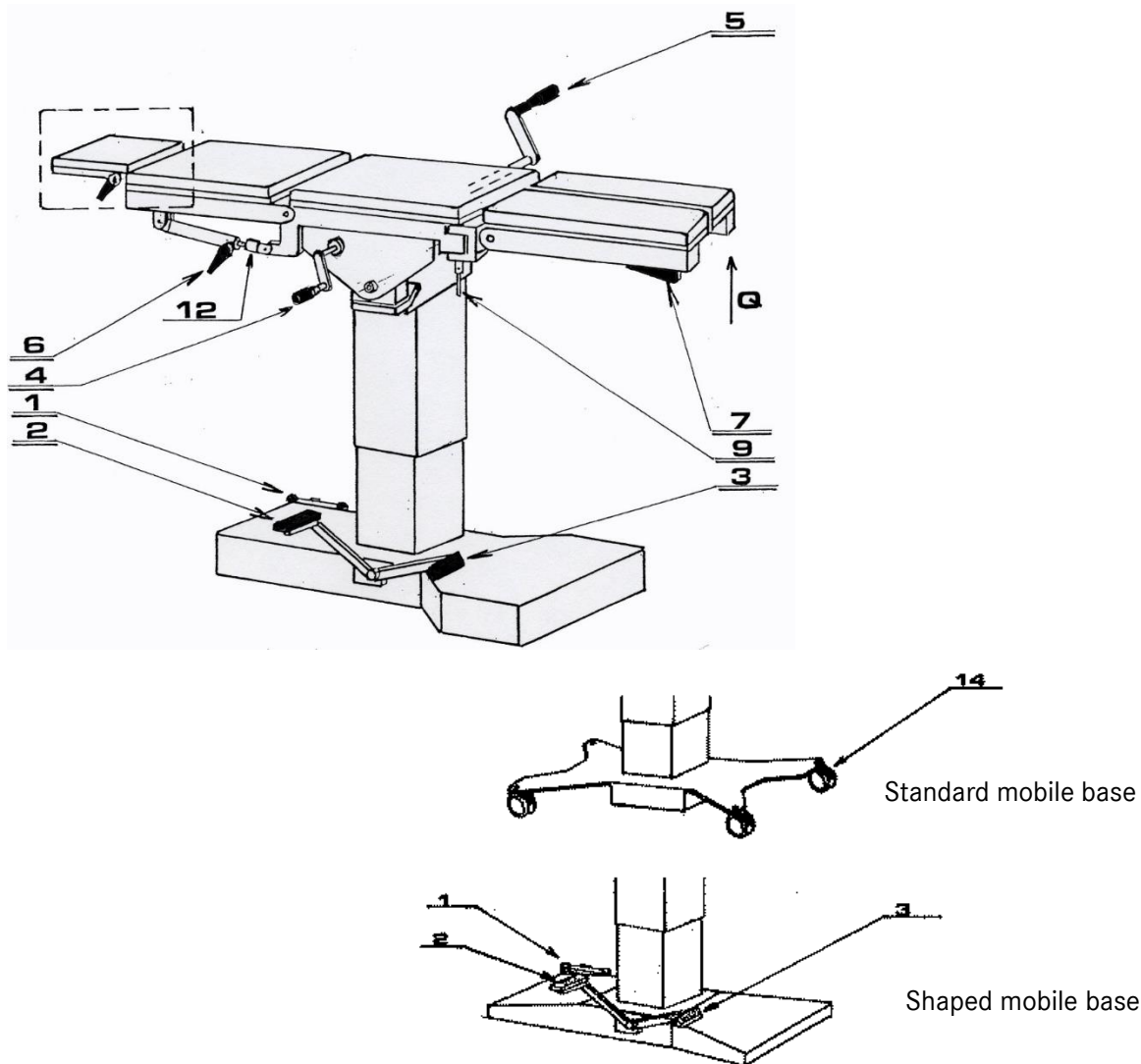
3 CONTRAINDICATIONS

In principle, no contraindications for the use of the operating tables were identified.

4 PATIENT POPULATION

There are no fundamental restrictions regarding the patient population.

5 PRODUCT DESCRIPTION





- (1) Wheels lock / unlock pedal
- (2) Pedal for up movement adjustment
- (3) Pedal for down movement adjustment
- (4) Handle for Trendelenburg and reverse Trendelenburg adjustment
- (5) Handle for lateral right and left adjustment
- (6) Lever for up / down back section adjustment
- (7) Lever for leg section inclination adjustment
- (9) Pins for: leg section retractor and removing adjustment
- (12) Spacer on back section, to unlock in order to make down movement of the backrest
- (13) Opening of longitudinal table top translation movement (optional)
- (14) Wheels with breaks

6 TECHNICAL DATA

The table is delivered ready for use.

- The table top is divided in **5 sections**.
- The structure is **stainless steel** and radiolucent material.
- Size of the table-top 2000 x 480 mm.
- Mattresses are radiolucent, decubitus free and antistatic, removable for cleaning.

X-Rays film cassette holder: underneath the table-top throughout all its length

Head section: radiolucent - removable - tilt +40° / - 90°

Back section: radiolucent - tilt -20° +80° (with gas spring).

Pelvic section: radiolucent.

Leg section: divided in two removable parts, tilting +15°-90°, retraction left / right 0° / 90°.

Lateral bars accessories holders: stainless steel on both sides of the table top 25 x 10 mm.

Mobile base: stainless steel on antistatic wheels. Telescopic square-shaped column.

Cranks: at the lateral side of the table for the following movements:

- TRENDELENBURG 30°
- REVERSE TRENDELENBURG 30°
- LATERAL RIGHT AND LEFT 20° / 25°

Minimum Height: 750 mm.

Maximum Height: 1050 mm.

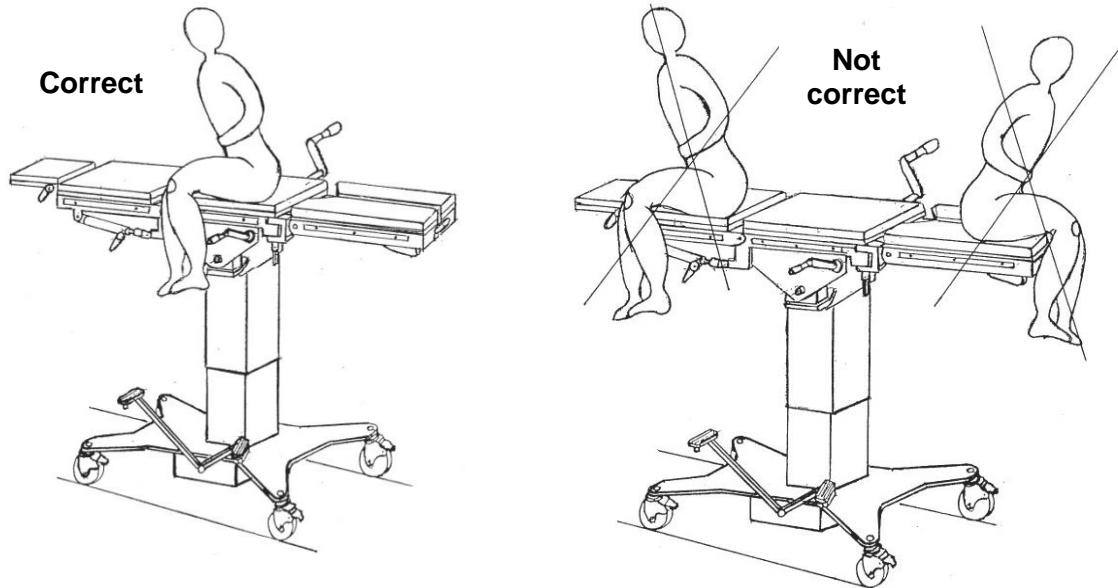
Weight of the table: app. 180 kilos

Support Capacity: 200 kg with load distributed in a correct way and with longitudinal translation of 0°.





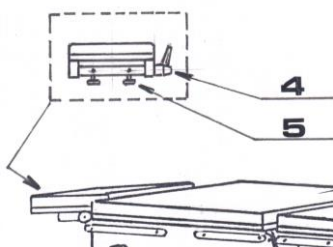
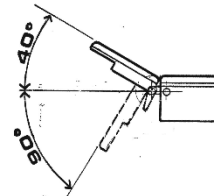
7 POSITIONING OF THE PATIENT



8 TABLE ADJUSTMENT

8.1 Head section

The head section supplied with the operating table allows negative -90° and positive $+40^\circ$ positioning; it is also possible to remove and replace it with all the other head sections of TEKNO-MEDICAL's accessories line (see accessories catalogue).



For the **tilt** adjustment open handle (4).
For removing the head section unscrew the two knobs (5).

8.2 Back section

The adjustment is made by an extractable crank (4) located on the table-side. To extract the crank, push the internal pin and pull the crank outwards.

Take care to avoid the risks of impact or pinching!

8.3 Thorax-opening

Insert the crank into position (10) the adjustment is made turning it clockwise or anticlockwise to lift or lower the thorax opening. The elevation of the thorax part reaches a maximum of 170 mm.

CAUTION: Risk of pinching, when the sections are in movement. Carefully observe the various movements. It is important to check especially during the operation of lowering that there are no foreign objects between the sections of the table top.

8.4 Height adjustment

The height adjustment of the table top is done hydraulically through a pump located in the column of the table; the height adjustment is performed using a pedal placed on the base of the table

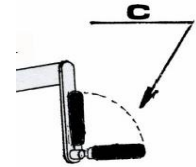
To **lift** the table-top press “**pumping**” on the pedal (2), until you'll reach the desired height.

To **lower** the table-top press on the pedal (3).



8.5 Trendelenburg adjustment

To make the adjustment, rotate the crank (4).
The lever of the crank is removable, to avoid collision with obstacles.

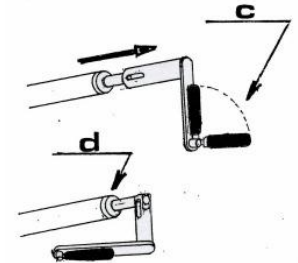


CAUTION! Proceed carefully with the patient on the top.

8.6 Lateral tilt

To make the adjustment, rotate the crank (5).
The lever of the crank is removable, to avoid collision with obstacles.

CAUTION! Proceed carefully with the patient on the top.

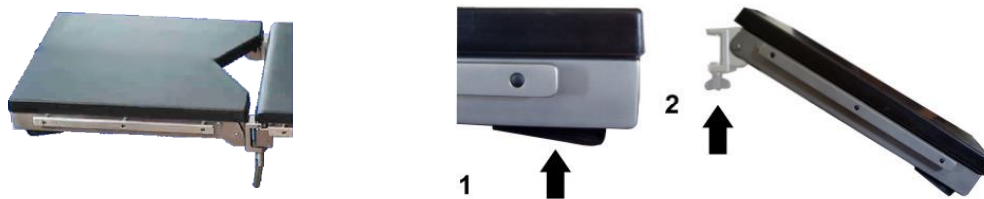


8.7 Lateral movement

To make the adjustment, rotate the crank (6).
The lever of the crank is removable, to avoid collision with obstacles.

CAUTION! Proceed carefully with the patient on the top.

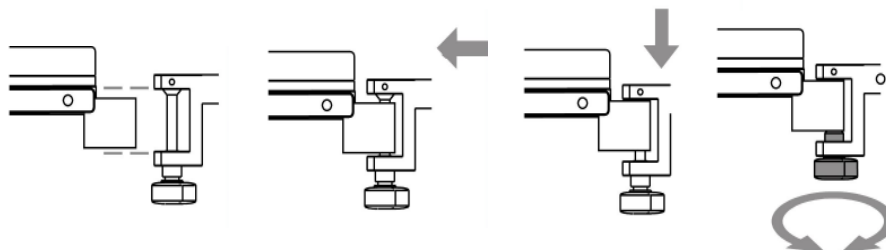
8.8 Leg section adjustment (2 parts)



To adjust the leg section inclination, press the lever (1).
To **remove** the leg section, it is necessary to unscrew the knob (2)

Insertion of the leg section:

- Set in line the coupling to the table top connection.
- Insert the leg section inside the table top connection.
- Make the connection well engaged in its seat.
- After having checked the correct access of the leg section lock the knob until the end.





8.9 Leg section adjustment (4 parts)



To adjust the leg sections upwards and downwards **open** the lever (4)

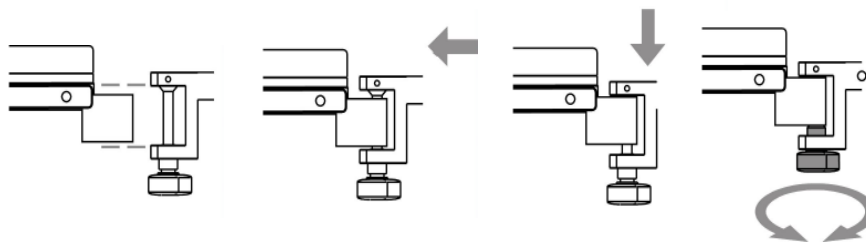
To change the **angle** of the lower side and the upper side of the leg section (knee height), open the levers (2)

To **retract** the leg section, unscrew the knob (5)

To **remove** the leg sections, check that knobs and levers (1) (2) (3) (4) are tightly closed, then unscrew the knob (5).

Insertion of the leg section:

- Set in line the coupling to the table top connection.
- Insert the leg section inside the table top connection.
- Make the connection well engaged in its seat.



8.10 Longitudinal translation

The table top longitudinal translation to optimize the C-arm use is an optional feature.



CAUTION! Do not open knobs that unlock the longitudinal translation movement if the operating table top is in position TRENDELENBURG or REVERSE TRENDELENBURG!

The longitudinal translation of the table-top is done manually unlocking the two knobs (13) placed on both sides of table top.

8.11 Rotation of the table-top

The table top rotation is an optional feature.

Unlock lever (14) for rotation.





9 CLEANING AND DESINFECTION

It is possible to use all the cleaners for stainless steel, aluminium and plastic materials available on the market. It is possible to use generic cleaners with low alkaline level.

It is permitted to use of all disinfectants, normally in use, that respect the hygienic standards of the hospital.

It is prohibited to use abrasive cleaners and erosive products.

Always clean the table with clear water and dry it after disinfection.


The mattresses are removable for cleaning

WARNING! Do not use disinfectants that contain chlorine, chloride and acetic acid.

10 CARE

It is recommended to lubricate the movable steel components regularly (weekly), using normal oil for instruments or paraffin oil. The hydraulic pump inside the column is maintenance-free.

11 REPORTABLE EVENTS


 In accordance with the requirements of the Medical Device Regulation EU MDR 2017/745 and our quality management system, even the smallest problems with this product should always be reported to Tekno-Medical.

If you cannot reach us directly for reportable events, please send an e-mail to: safety@tekno-medical.com.

Serious incidents must also be reported to the competent authority in their place

12 WARRANTY

The products are made of high-quality materials and undergo quality control before delivery. However, if errors occur, please contact our service. Tekno-Medical cannot guarantee that the products are suitable for the respective procedure. This must be determined by the user himself. Tekno-Medical accepts no liability for any incidental or consequential damages. Tekno-Medical assumes no liability if it can be proven that these instructions for use have been violated.

 **Attention:** In case of use of the instruments in patients with Creutzfeldt-Jakob disease or its variants (vCJD, BSE, TSE), Tekno-Medical declines any responsibility for reuse.













13 SERVICE AND REPAIR

Do not carry out repairs or modifications of the product on your own. Repairs only by authorized personnel. Defective products must have gone through the entire remanufacturing process before being returned for repair. For returns, use our RMA request form and decontamination certificate.

Forms at: <https://www.tekno-medical.com/de/service/repair-service>

14 SYMBOLS

The symbols used in this instruction and on the label have the following meaning according to DIN EN ISO 15223-1:

	Attention!		Manufacturer
	Medical device		Date of manufacturing
	Non-sterile		Read the instructions for use
	Catalogue number		Protect from sunlight
	Lot-number		Store in a dry place
	Unique device identification		CE marking



15 PRODUCT LISTING

REF

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311-5110	VECTOR1 OP-TABLE, MECHANIC
311-5120	VECTOR1 OP-TABLE, MECHANIC

