



» 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.

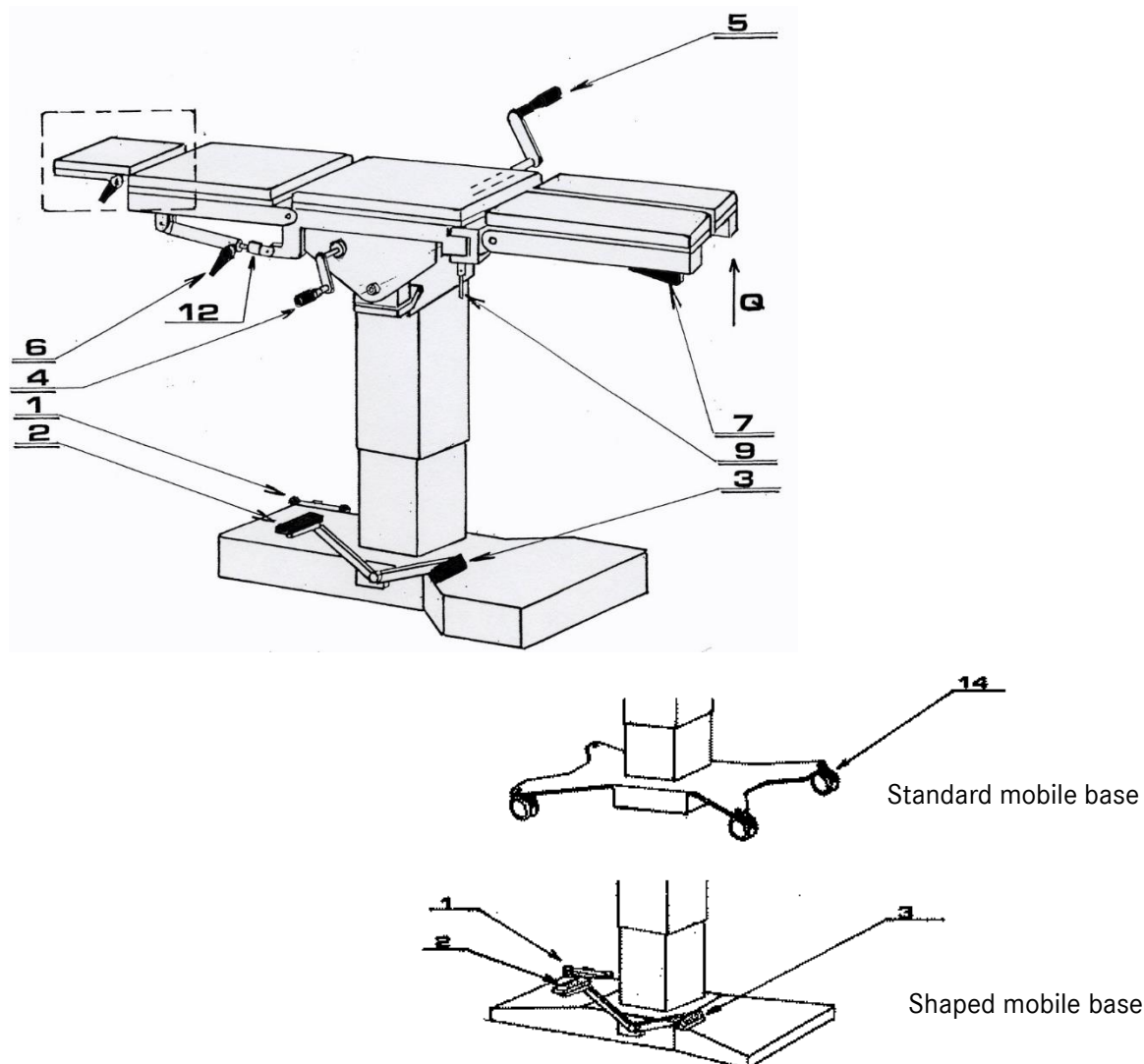
3 CONTRAINDICATIONS

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:

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

Minimum Height: 750 mm.

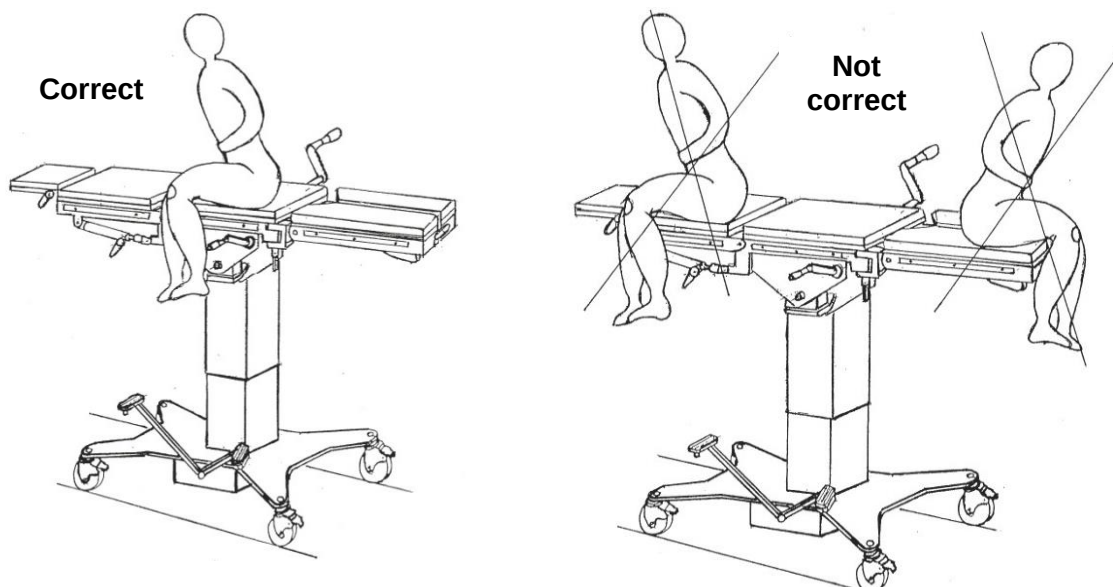
Maximum Height: 1050 mm.

Weight of the table: app. 180 kilos

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



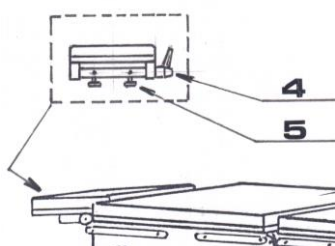
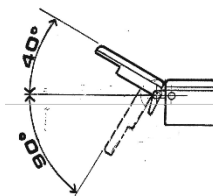
7 POSITIONING OF THE PATIENT



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.

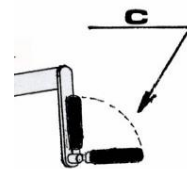
To **lower** the table-top press on the pedal (3).



8.5 Trendelenburg adjustment

To make the adjustment, rotate the crank (4).

The lever of the crank is removable, to avoid collision with obstacles.

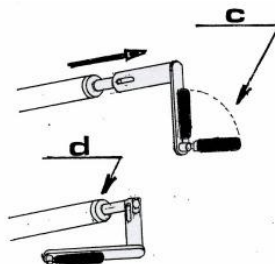


CAUTION! Proceed carefully with the patient on the top.

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.

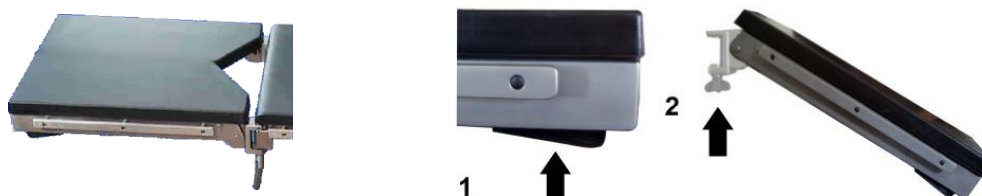
8.7 Lateral movement

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)

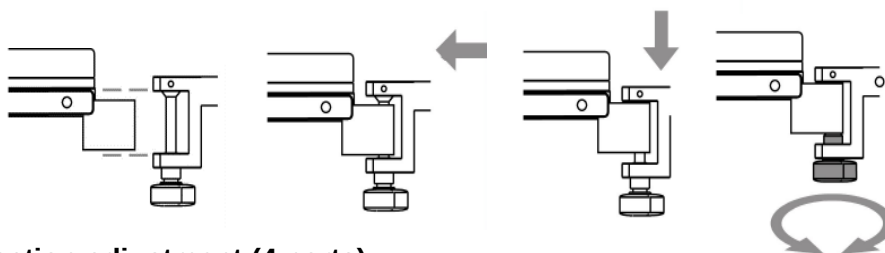


To adjust the leg section inclination, press the lever (1).

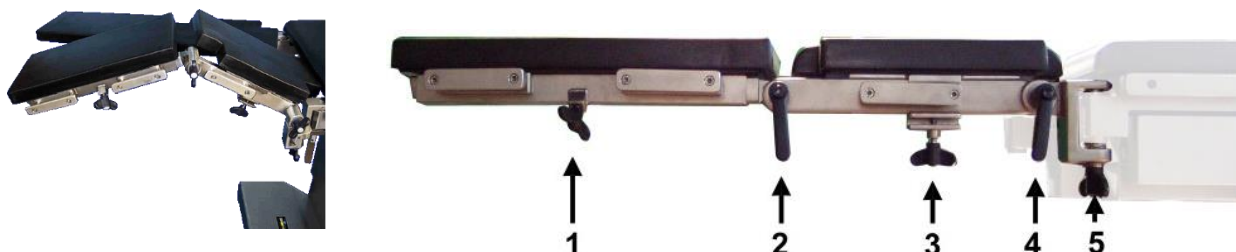
To **remove** the leg section, it is necessary to unscrew the knob (2)

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)

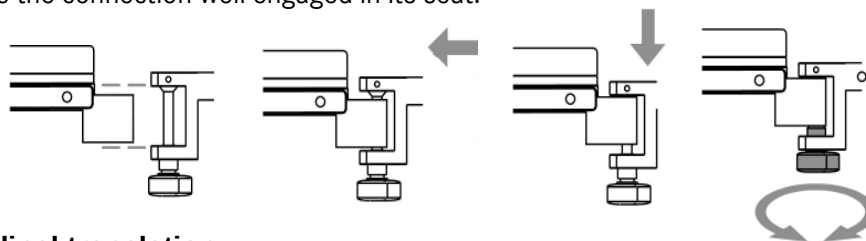




To **remove** the leg sections, check that knobs and levers (1) (2) (3) (4) are tightly closed, then unscrew the knob (5).

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 TRENDLENBURG or REVERSE TRENDLENBURG!

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 REPORTING PRODUCT PROBLEMS



In accordance with the requirements of Regulation (EU) 2017/745 on medical devices and our quality management system, all product problems must be reported to the manufacturer.

during business hours you can reach us by phone at +49 (0) 07461 / 1701-0.

Outside of regular business hours, please send an email to

safety@tekno-medical.com.

Serious incidents must also be reported to the local authority responsible for their location.

12 WARRANTY

The products are manufactured from high-quality materials and undergo quality control before delivery. Should any defects occur, please contact our customer service.

Tekno-Medical cannot guarantee that the products are suitable for any given procedure. This must be determined by the user. Tekno-Medical accepts no liability for accidental or consequential damages. Tekno-Medical accepts no liability if these instructions for use have been demonstrably violated.

13 SERVICE AND REPAIR

Do not attempt any repairs or modifications to the product yourself. This is the sole responsibility of authorized manufacturer personnel. Defective products must complete the entire refurbishment process before being returned for repair. For returns, please use our RMA application form and decontamination certificate.

You can find the forms on our homepage:

<https://www.tekno-medical.com/de/service/reparaturservice/>

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

REF

15 PRODUCT LISTING

Printed on:

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