



**Medical Aid
International**

Supporting Healthcare in Low Resource Environments

THE MAI OPERATING TABLE Designed for Low Resource Environments



RUGGED • RELIABLE • VERSATILE • TRANSPORTABLE



Why choose the Medical Aid International LMIC/Disaster Relief Operating Table?

Medical Aid International is acutely aware of the need for safe and high-quality operating room tables. This need is illustrated in our recent publication: Operating Room Equipment Levels in LMICs. Seventy-five operating rooms across seven countries were assessed via an online equipment survey. With regards to operating room tables, we asked a series of questions:

1. Is it safe and comfortable?

Patient safety and comfort is of paramount importance. Old and ill-maintained operating room tables can inadvertently expose patients to metal. This exposure can result in burns from diathermies/ESU during surgery.

2. Is it functional?

In order for patients to be successfully operated on, surgeons must have clear and easy access to the surgical field. This requires a fully functional and adjustable table.

3. Does it have all the key attachments?

Operating room table attachments such as arm boards and lithotomy poles are more than mere accessories. They are critical components in the delivery of safe surgery and are essential requirements.

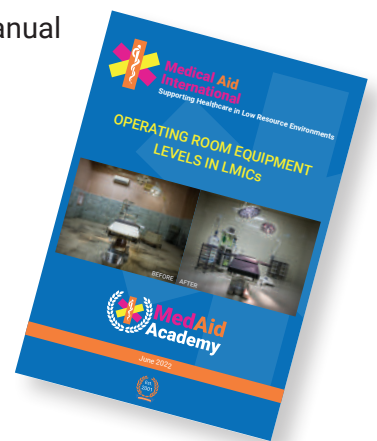
4. Is it manually operated?

In low resource settings the inevitability of power cuts is a fact of life. We believe it is best to prepare for such scenarios by not relying on electric operating tables. A fully manual operating table ensures that power cuts, blown fuses, or cross continent voltage discrepancies will not affect patient care.

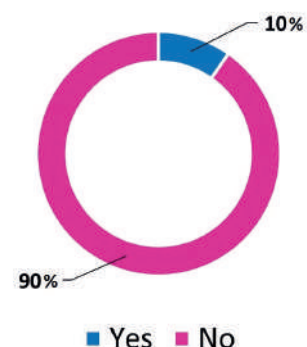
These four questions can help you ascertain if your operating room table is fit-for-purpose.



Our research found that only 10% (7/75) of surveyed operating room tables met the above criteria. The vast majority of tables were unfit and found to jeopardise the safety of the patient and the success of the operation.



Is Your Operating Table Safe, Functional, with All Key Accessories and Manually Operated?





The MAI Operating Table

A purpose built operating table designed for the challenges of low resource environments

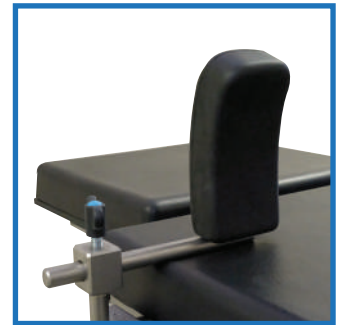
- Easy to transport and disassemble for community outreach or disaster relief work
- Supplied with essential attachments (two arm boards, an arm table, lithotomy poles, wedge and gel headrings in 3 sizes)
- Wide range of additional attachments available
- Wide variety of configurations, suitable for all types of surgery
- CE marked, high quality European manufacture
- Manual operation, no electricity required
- Stainless steel
- Radiolucent
- Value for money
- Variety of bases available



Table ends can be removed for paediatric patients



Trendelenburg to 35°, ideal for Fistula procedures



Shoulder supports for use when steep Trendelenburg is required



Option to remove individual legs at bottom of table



Fracture table for lower limb trauma



Sitting position for shoulder procedures



Option to angle individual legs at bottom of table



Arm table for hand and arm operations



Arm board for easy IV access



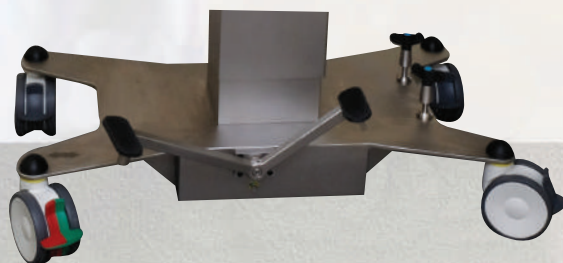
The MAI Operating Table

Backrest adjustment by gas spring, maintenance free.

360° table top rotation (optional).

Longitudinal table top sliding (300mm total).

Base equipped with four height adjustable pins, essential on uneven surfaces.



Base on four antistatic, multi directional locking wheels (supplied as standard).

General Features

Table Top dimensions: 210 x 50 cm

Weight: 145 kg

Load capacity: 250 kg

The CE marked MAI Operating Table is designed to be flexible, multi functional and 100% reliable, reflecting the unique needs of LMIC and disaster relief environments.

Safety

The table top is made of high pressure laminates and covered with foam pads (50 mm).
Mattresses are removable for cleaning and sterilisation.
Latex free.

Radiolucent

Functionality

Retractable crank for Trendelenburg/Reverse Trendelenburg.

Practicality

The anti slip pedal allows for vertical movement via the hydraulic pump. This eliminates the risk of jammed mechanical gears.

Positions

Up/Down: 750 to 1050 mm

Trendelenburg / Reverse Trendelenburg: +35° to -35°

Back section adjustment: +75° to -45°

Leg sections in 2 parts: +20° to -90°, opening at 180°, removable

Leg sections in 4 parts: +90° to -90°, opening at 180°, splitted, removable

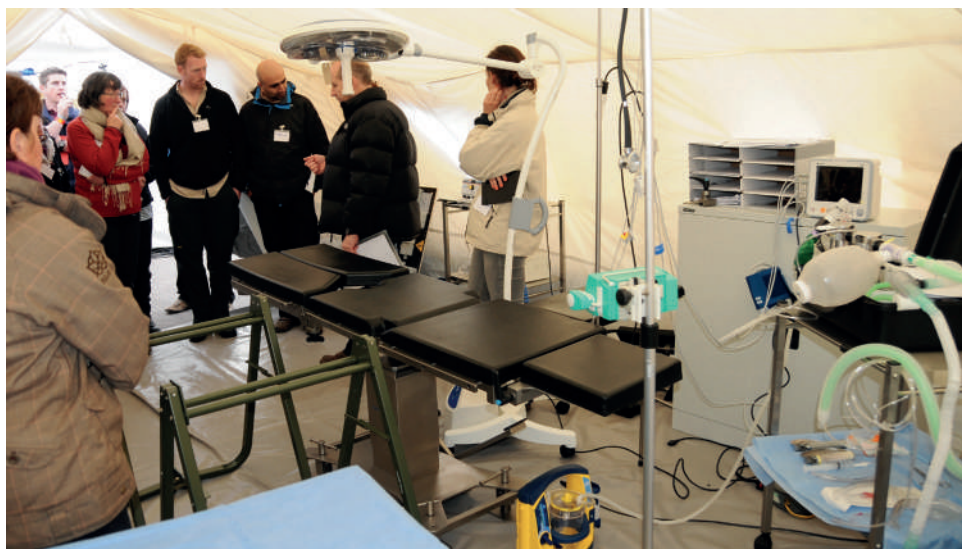




Readily Transportable

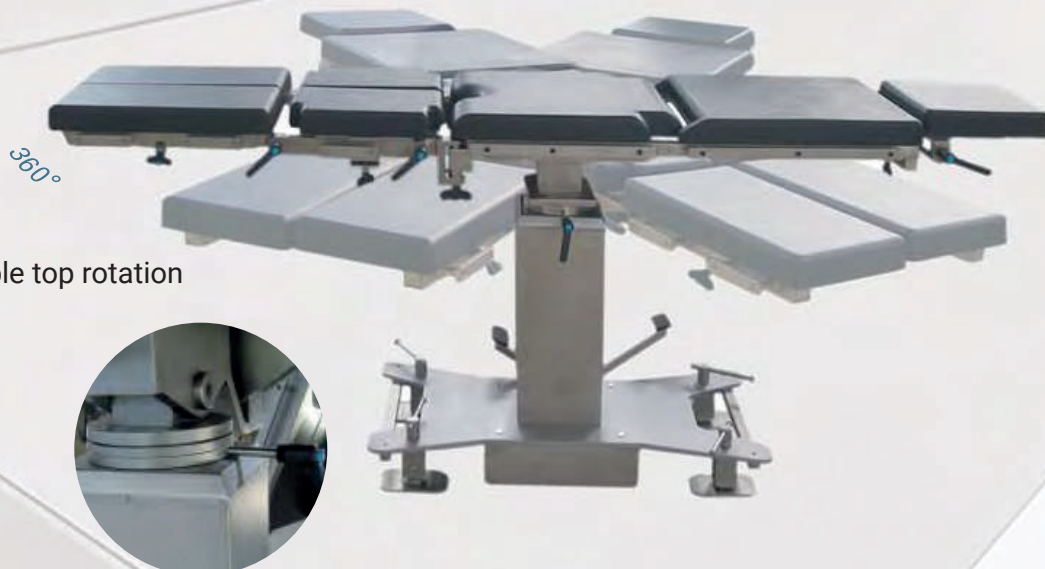
Easily transportable in its optional storage boxes.





The MAI Operating Table being demonstrated in the UK Disaster Relief Hospital.

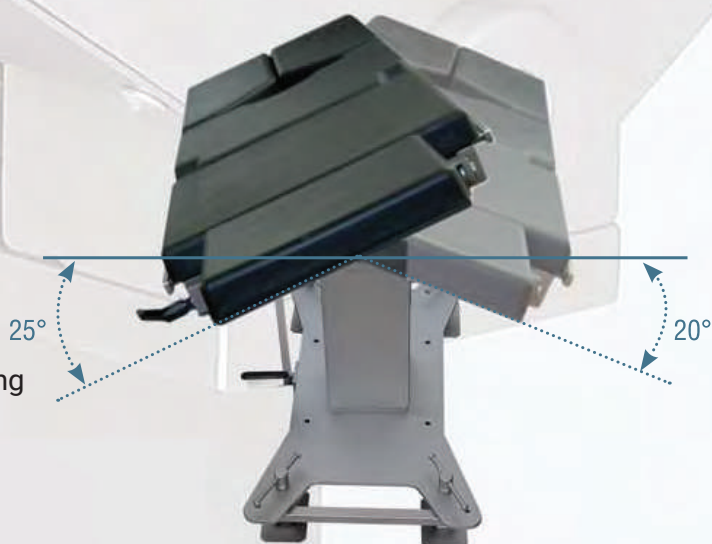
Optional Features



360° Table top rotation



Table top lateral tilting



OPERATING ROOM COMPLETE PACKAGE

Delivered crated with all accessories and operational two hours from arrival

Package Includes:

Arbutus Power Tool



Diathermy/ESU

Mobile Operating
Light & Head Torch

Patient
Monitoring
includes ECG/
BP/SpO₂/CO₂



Tourniquet

External Fixation

Two Oxygen
Concentrators

Theatre Furnishings

- Large & small instrument trolleys
- Drip stand
- 2 Stools
- 2 Storage trolleys
- Mayo table

Anaesthetic Machine

LMIC appropriate
with ventilator



Autoclaves
LMIC
Compatible

Two FREE
Online Biomedical
Engineering Courses
including toolkits &
text books
(Worth £4,500)

Instruments

- General
- Orthopaedic
- Obstetric
- Plastic
- Skin Graft

Suction



- Solution in a box – crated and easy to transport
- Includes the MAI operating table with attachments
- All equipment designed for the LMIC environment
- Suitable for all ages – neonatal up to adult
- Operational in two hours
- Contact us now to discuss options that suit your specific requirements
- Price on application



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