

**Uses:**

- A medical unit used for the evacuation and transportation of the injured from disaster areas, battle fields and front lines to hospitals and care centers.

**Description:**

- A medical container with a capacity of 18 patients.
- Equipped with fasteners to be easily installed on any available 6x4 or 6x6 truck.
- Can withstand rough condition and bad climate conditions.
- Insulated, non-slip floors treated to prevent collection of fluids and can be washed easily.
- The large door has a small door in the middle.

**Non Medical Facilities:**

- 2 beds for the medical staff.
- Cabinets for storing the medicine.
- 3 ceiling fans to circulate the air.

**Alarm Electricity and lights:**

- Electricity generator 15kv Amp. 220 volts and another spare generator (optional).
- Mobile lights (4 spot lights with a stand).
- Rechargeable battery operated torches

- Economic with a very long lifetime. It can be stored when not in use then fixed on any available truck when needed and thus no large investment tied up.
- Medical attention can be provided during transportation (First Aid).
- Every patient has a window and curtains for protection.
- Has a separate power source and an extra one can be added.
- The unit is fully insulated and treated against water leakage.
- The unit is tightly locked.
- The door can be opened from the inside.
- Clean water tank, sewage water tank a sink and a toilet.
- The rear door is hinged at the bottom and can be tilted to the ground to be used as ramp for the trolleys and the staff.
- Cabinets for storing the tools.
- Strong lights inside the unit, each is enough to illuminate the place on its own.
- Ref food Refrigerator.
- Spare parts storage area.
- Light around the unit, concentrated light on the door and on the pathway to the vehicle.
- Electronic siren loudspeaker + 4 horns.
- Distribution board with circuit breakers, which uses either the power generators or city grid, connected via as cable.

**Patient Space (Non medical installations):**

- Window with curtains.
- Bed with adjustable height.
- Fan Covers.
- A small space for the patients belongings.
- 2x220V. outlets to operate any equipment.
- Spot light for the patient.

**Medical Equipment:**

- 4 foldable cots for carrying the patients to the outside.
- 10 suction unit manual /electrical.
- Electrical sterilization oven.
- Medicine cabinet.
- 4 first aid kits for burns.
- 3 wooden stretchers with straps for back bone injuries.
- 2 ventilators.

**Operation Procedure:**

- Can the unit should be installed on any 6x6 or 6x4 chassis of suitable length.
- Immediately operational
- Can be connected to a fixed electrical supply.
- The rear door can be hydraulically operated to be used as a ramp.
- The rear door can be manually operated in case there is a failure. In the hydraulic system.

**Patient Space (Medical installations):**

- Oxygen outlet and mask.
- Solution fixing stand.
- Blood pressure measuring device and shelf for medication.
- 18 foldable stretchers.
- Manual resuscitation equipment.
- 2 Multilevel cots.
- 2 defibrillators.
- Blood refrigerator (2 drawers) 36 bags).
- Medicine Refrigerator.
- 2 scoop stretchers.
- 5 central oxygen tanks.
- 2 chair stretchers.
- Each patient is then lifted and put on his bed and the bed is fixed up wards.
- The next patient is put on the second level bed and fixed in to position. The middle.
- The third patient is put on the lowest bed of the column.
- The same sequence is repeated 6 times to fill up the 18 beds.

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