

PORTABLE SURGERY TABLE

OPERATORS MANUAL



Weight: 90 lbs (41 kg)
Shipping dimensions
In bag: 44 x 26 x 22 in (112x66x56cm)



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PORTABLE SURGERY TABLE SETUP

Preparation:

- Open top zipper completely.
- Remove all Accessories first.

Each PST contains the following accessories:

- 1 Mayo Tray (2 pieces) Surgical instrument tray
- 2 Arm Board & Pad. (2 pieces)
- 3 LED exam light power cord and black pole unit. (3 pieces)
- 4 Accessory pole
- 5 IV pole
- 6 Two Accessory rails
- 7 Five Accessory rail clamps (Located in plastic container on the interior end pockets)

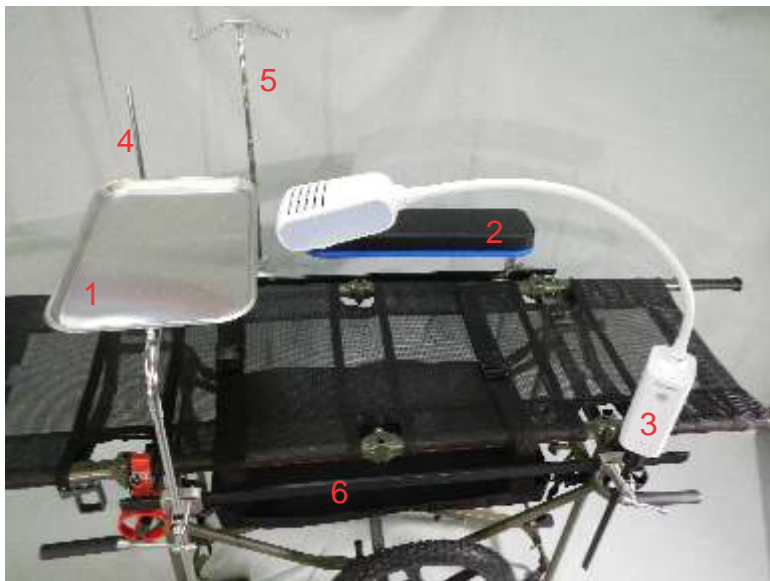
While setting up PST place these items close by, in a place they will not get damaged.

Remove Wheeled litter Carrier from the bag next.

If possible, have an assistant hold the bag edges apart for easier removal.

- SETUP WLC EL3000

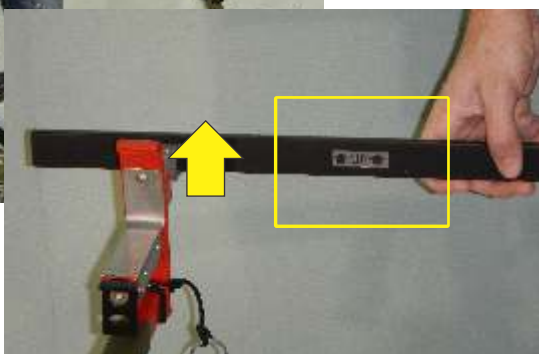
For setup, follow instructions from the WLC EL3000 manual on page 7.



Once the WLC is set up properly, in an open position with its legs engaged with the ground; the Accessory rails can be installed.

Install Accessory Rails:

- Remove both rails located inside neoprene storage bag.
- Remove pins from their respective red & black brackets on the WLC. Allow pins to hang from their cords.
- Make sure the handwheels on both side are equal distance away from the WLC.



- The accessory rails will only fit if the correct end is pointed toward the RIGHT side of the WLC, while facing it. This end will always be the end with more rail located on the outside of the insertion hole.

See sticker on the inside of the rail. Make sure the arrows are always pointed UP.

- Install one rail at a time.
- Line up insertion cubes on back side of rail with their brackets located on the red and black WLC clamps. The brackets may need to be adjusted slightly by hand in order for the cubes to line up perfectly.
- Always make sure the brackets are in the same outward position away from the carrier.
- **Always adjust brackets simultaneously**



- Once the rail cubes are inserted, slide quick pins into each hole on all four brackets. These will ensure that the brackets stay locked in place.

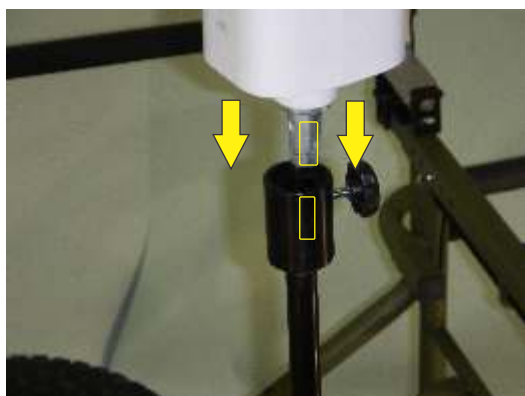
Accessory Clamps:

- Once the rails are locked in place, the accessory clamps should be installed. Each PST has five clamps included, one for each accessory.
- These are located in the black plastic box inside the PST storage bag, along with the other accessories.
- Each clamp should be spun counterclockwise to ensure it is in its open position.
- At this point, each clamp can be slid onto either end of the accessory rails. It is up to the user to decide how many clamps are to go each side. Clamps should remain in the open position until fit with an accessory.
- If the clamp does not slide on, the user may have to push the plates in the back of the clamp flush, so that the rail has room to slide into the slots on the clamp.



LED Exam Light-

- Locate black pole fitting for LED exam light.
- Place its tube into the desired accessory clamp and tighten accordingly.
- Next, insert tab on the bottom of exam light into pole fitting. The fitting on the tab must be in alignment with the slot on the pole fitting.
- Once the tab slides into the fitting, the black knob should be spun clockwise to tighten the tab and secure the light in place.
- The final step is to insert the power cord into the back of the exam light. This cord must be plugged in to an electrical outlet for the light to function.
- Once the light is plugged in, it can be turned on and off by waving your hand in front of the power symbol. The head of the light is adjustable and can be maneuvered into place by spinning and accordingly.



Cleaning

WARNING: Ensure that the device is unplugged from the wall socket

Clean with a damp cloth using warm water and mild detergent or one of the following solutions:

70% isopropyl alcohol, 10% percent mild bleach solution

Wipe dry with a clean cloth.

CAUTION: There are no user serviceable/replacement parts.
Class A product

-Working range 20 in (50cm) Exposures at closer distances may be harmful to skin. To minimize risk of harm to the skin from optical radiation hazards, minimize illumination intensity at the tissue examination site, minimize exposure times, and take additional precautions when skin sensitivity has been altered through tissue trauma or the use of anesthesia.

Safety class I, Continuous Operation



Installing accessories:

Accessory pole-

- Insert pole into desired accessory clamp.
- Tighten clamp by spinning clockwise.
- Ensure the pole is locked in place before connecting instruments.



Arm Board-

When used with a permanently attached mounting post, helps ensure patient positioning in lateral, supine, prone and seated positions. Rotates 100 degrees when level with operating room table and 180 degrees when raised above table.

Setup:

- Locate arm board and its black pad. Each piece has a Velcro strip, these should be aligned and pushed together.
- Once this is complete, place the arm board pole into its desired clamp. Adjust height/rotation and tighten socket handle.
- To remove, loosen socket handle, and lift armboard upward.

Care: Clean and disinfect using bleach solution, alcohol wipes or quaternary ammonium solution. Armboard is constructed of aluminum, stainless steel and polyethylene. Weight: 3.25 lbs.

Mayo Tray-

Remove from neoprene cover. Insert pole of mayo tray into desired clamp and slide to its preferred location. Next, tighten the accessory clamp by spinning it clockwise until it stops. The tray itself can now be placed on its bracket. The height and location of the Mayo tray can be adjusted by loosening and tightening the clamps. The angle of the tray can also be adjusted in this manner.



IV Pole:

- This unit can be inserted into any accessory clamp.
- The IV Pole can be raised or lowered to its desired height by tightening and loosening the clamp.
- Each IV pole has a black elastic strap on it. These can be used to secure IV bags in place.
- The IV pole can carry two 1000ml bags.



Surgery Storage Bag:

Each WLC is outfitted with a surgery storage bag. These are located on the bar between the hand clamps. Clean using standard cleaning supplies.

- Undo the tab located in the middle, on the outside of the bag.
- Unroll the bag across to the other side of the carrier.
- Attach the two corners using their buckles. The buckles have been placed on the 4 handles of the WLC.
- To remove or install these, simply slide them off the end of their respective handles.
- The bag can be removed or adjusted by using these four buckle attachment points.



REPACKING:

- Place the WLC back into bag first. It is recommended that a partner hold the edges of the bag open to allow for easy insertion. Make sure the WLC is all the way to the back of the bag, with the feet of the WLC at the same end as the wheels of the bag. Once the WLC is pulled all the way back into the bag, the other accessories can be inserted.
- Place the exam light back into its foam pad box, then slide the box into its bag. Place light bag inside next.
- Afterward, place the remaining accessories in their respective bags and slide into place. Put the plastic cases containing the sockets into the end of the storage bag.

WHEELED LITTER CARRIER: EL3000 INSTRUCTION MANUAL



NSN 6530-01-591-9636
FareTec Inc. CAGE Code: 0R123
www.FareTec.com & ECAT
Training Video Available online

Dimensions:
Closed: 20 x 23 x 33 in.
Boxed: 36 x 29 x 22 in.
Weight: 45 lbs.



LITTER CARRIER EL3000

USAGE:

The Wheeled Litter Carrier (WLC) is designed for transporting patients with one or two bearers over many types of surfaces. It is also useful for transporting supplies and equipment. It has been equipped with large flat free wheels. No pump is ever necessary. It had been designed to accommodate all litter types and sizes.

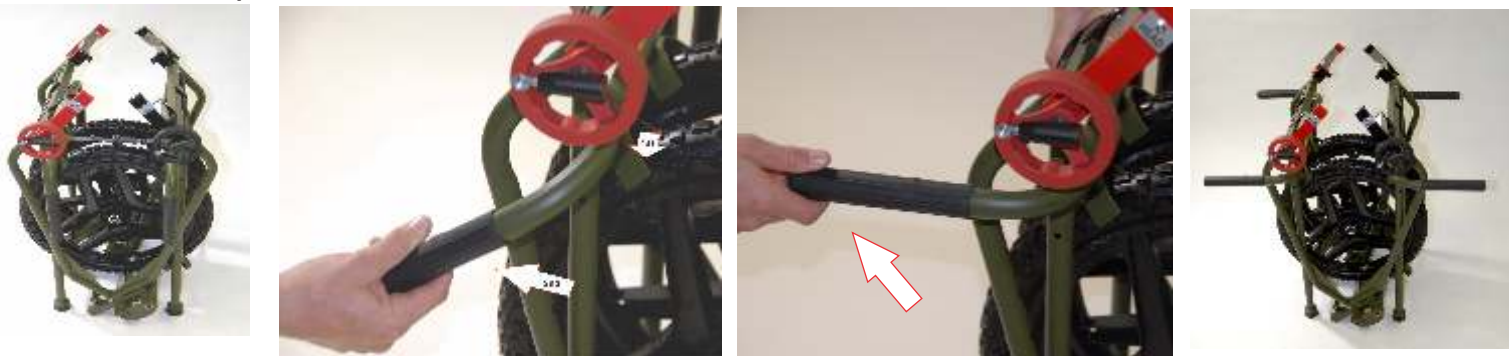
When the legs are in their locked position; the litter carrier can be a stable platform/work station for patient aid. When the WLC is not in use, it can be closed quickly to save space. The device can be opened and setup in approx. 30 seconds.

PREPARATION :

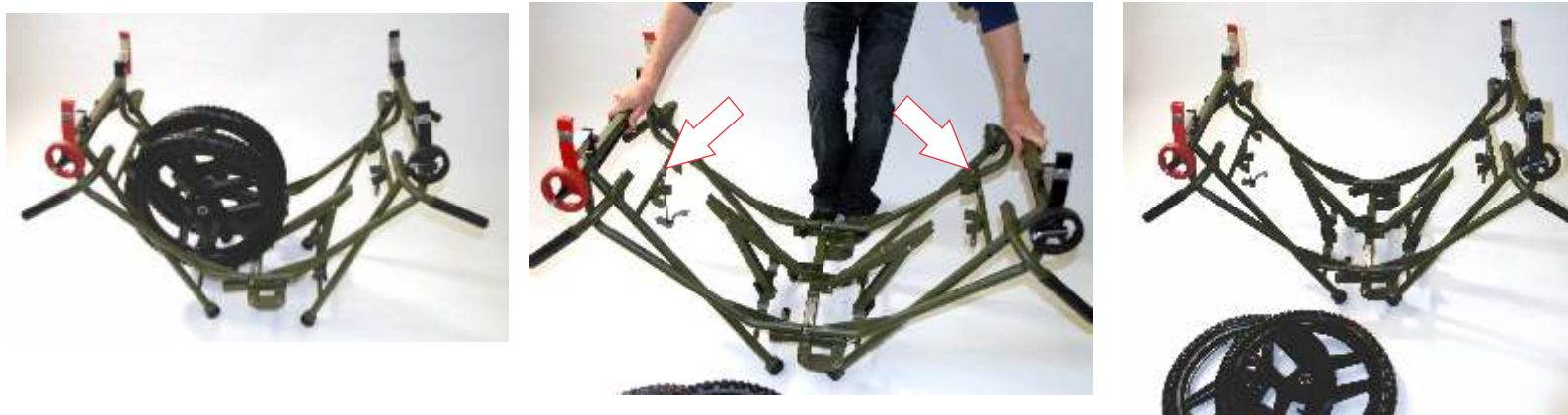
1.) Release buckle on top of carrier, between the tires. Squeeze the side clips together and pull apart.



2.) Raise the handles into their operating position. This is done with two motions; first by pulling it away from the carrier, and second by rotating it upward. Each handle will lock in place once it's parallel to the floor.



3.) Stand alongside the carrier, grip each side of the unit between the clamps and push the two sides away from each other. Remove the wheels and place them nearby with the pins facing up, clear of debris. Engage the two sides of the carrier by forcefully pushing down until a "click" sound is heard and the two sides are locked in place.



STABILIZE LITTER CARRIER:

To engage the legs, grab the handles on one side of the carrier and lift them upwards towards your chest. This will swing the legs into their static position. Lift until the stabilization bar “snaps” into place. Do the same on the other side.



LOCK WHEELS ONTO CARRIER:

Align axle pin inside wheel hub with bushing hole* on the side of the carrier. Insert pin by simply pushing the wheel and the pin into bushing hole. Repeat on other side.

Note: The OFF CENTER axle pin housing SHOULD be used to allow the carrier to transport patients in a more stable mode. (See Green square and arrow) This is also necessary for easier transport on difficult terrain. The pin housing located along the center axle rod (as shown) should only be used in a hospital setting, with two bearers.



ENGAGE LITTER WITH THE CARRIER:

The pin on the red and black hand wheels should be pulled out so that the wheel can be spun quickly (see below). The patient/litter should be placed near the middle of the carrier, so that the weight distribution is even on both ends of the WLC. Once the litter is placed on the WLC, these handwheels should be spun clockwise until the clamps are tight around both sides of the Litter. The patient's head should always be at the RED side of the WLC. To remove the Litter, spin both hand wheels counter-clockwise. The pin should then be folded back into the handwheel.



TRANSPORT MODE:

Both pairs of legs must be folded underneath the WLC for it to transport safely. The pair of legs under the patient's feet must be folded in first. This is done by gently lifting the litter's handles with both hands while at the same time pressing your foot against the release pedal. This process can then be repeated on the side of the patient's head. Once both pairs of the WLC legs are folded in, the unit is ready for transport. The use of two bearers is recommended, however the EL3000 can also be transported by just one person. In this case, the bearer should position himself on the side by the patient's head, next to the RED clamps.

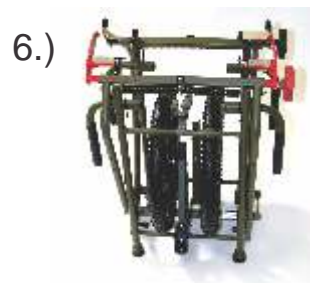
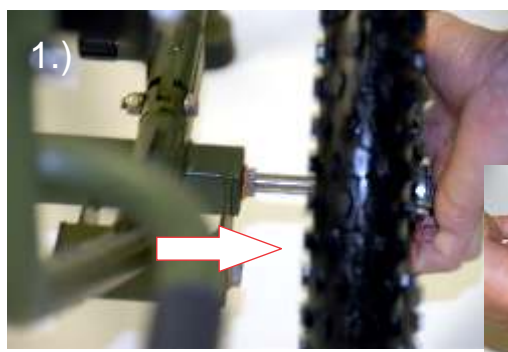
TRANSPORT WITHOUT LITTER:

Move the WLC without a stretcher by folding both pairs of legs alongside the unit. Hold the handles on RED side. The device is now ready to be used as a wheelbarrow to transport goods/equipment.



DISASSEMBLY AND STORAGE:

- 1.) Remove wheels; push the button positioned at the center of the wheel as you're pulling the wheel away from the WLC. Place the wheels nearby, with the pins facing up.
- 2.) Close a pair of legs by pressing the foot release pedal while lifting the handles gently. Repeat on the other side of the WLC.(not shown)
- 3.) Move to the side of the WLC and grab both ends between the colored litter clamps. Pull the two ends towards each other with force to disengage the lock.
- 4.) Position the two wheels in the housing slots. Make sure the pins are facing outward.
- 5.) Make sure the wheels are correctly positioned as you finish pulling closed the two sides of the WLC. Fasten the strap and tighten.
- 6.) Pull each of the handles away from the WLC and twist towards the ground. They will engage again in a downward position.



MAINTENANCE & WARRANTY:

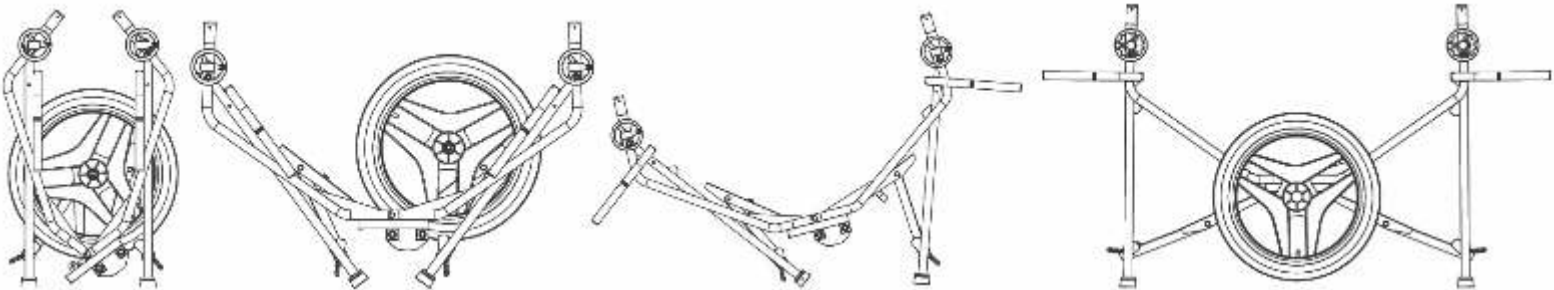
The materials used for the EL3000 have been selected to meet very high military standards. The finished product is tested at our facility during numerous quality control checkpoints. This device was chosen after being rigorously tested at the US ARMY testing facility in Ft. Detrick MD. It has been named the Joint Product of Choice (JPOC) for the Wheeled Litter Carrier as deemed by the Defense Medical Material Program Office (DMMPO).

This product is under a limited warranty for a 2 year period from the date of sale. This warranty covers any defects or malfunctions in your new EL3000 WLC. Any defect which could have been avoided by the manufacturer will be repaired or replaced at the cost of FareTec Inc. This warranty does not cover breakdowns that have occurred through unforeseen circumstances during normal use.

Considering the extreme environmental conditions the device may encounter, routine maintenance is highly recommended. General cleaning and inspection of the WLC will address most issues. If problems occur, we ask you to contact FareTec Inc. to address any anomaly, fault or rapid wear of it's components. We will proceed to respond to the issue in the most appropriate manner to ensure the working status of your WLC.

A key element to maintaining your EL3000 is keeping your axle pins and bearings clean. The pins should always remain in the wheels, unless they are being removed for cleaning. When assembling and disassembling, the wheels should be kept nearby, with the axle pins pointed up; out of the dirt and away from debris. The bearings and pins should be routinely inspected and cleaned. This can be done using standard recommended cleaning supplies and lubricants for devices of this nature.

-Replacement Wheel	Part # 2221034	NSN 6530-01-591-9636
-Replacement Pin	Part # 2221037	CAGE Code: 0R123
-Paint touch-up/Repair Kit	Part # 2221046	Available via ECAT



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