

# MS3C-PRO X Commercial X Frame Ambulance Stretcher User Manual

## Features:

- Adjustable height includes 9 locking positions
- X-frame undercarriage is easily raised when loading
- Constructed of high-strength aluminum alloy
- Pneumatic Adjustable Backrest: 0 - 75 degrees
- Locking side rails collapse for safe patient loading and unloading
- Stretcher must be loaded with two emergency operators
- Safety locking device keeps stretcher locked in place while the transport vehicle is in motion
- When unloading, the safety U-bar will hold the stretcher on the ambulance until the operator releases it
- Breakaway head section secured with hook and loop fasteners
- (4) Safety locking 5.5in rubber casters
- Max Vehicle Loading Height for this stretcher is 33.5" (distance from ground to loading platform: ie. van bumper or ambulance loading dock) *see attached pdf for measuring instructions*

## Accessories Included:

- 4 inch waterproof seamless welded PVC foam mattress
- (3) Vest type belts for chest, hip, and knee
- Transport Safety Locking Device Included
- IV pole included

## Positions Head End / Foot End

- Position 1: 17in / 19in
- Position 2: 24in / 26in
- Position 3: 29in / 29in
- Position 4: 32in / 32in
- Position 5: 36 in / 34in
- Position 6: 39in / 35in
- Position 7: 43in / 37in
- Position 8: 46in / 38in
- Position 9: 49in / 38in

## Specifications:

- Maximum Angle of Backrest: 75 degrees
- Maximum Angle of Legrest: 35 degrees
- Weight Capacity: 550 lbs
- Net Weight: 125 lbs

Manufacturer Warranty: 1 Year

## **YouTube DEMONSTRATION:**

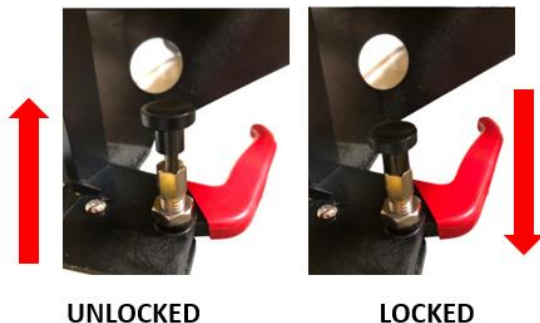
<https://youtu.be/fovmyCUogmo>

**Note:** YouTube link is MS3C-PRO X 2000-2022 model.  
Some features have been modified for 2023 version.



## Adjustments:

- **Height adjustment:** There are eight adjustment levels available. Quickly squeeze the red handle at the foot end of the stretcher to adjust between pre-set heights.
- **Two-Position drop frame: Great for confined spaces and elevators:** Squeeze the hinge sleeve (red vertical bar under the backrest) of the drop frame and lower the head end frame down to accommodate smaller spaces. Backrest will need to be in an upright position..
- **Sidearms:** The two side arms can be in a raised or lowered position. To raise and lower arms, Squeeze and release the spring-loaded handle on the side arm.
- **Wheel lock:** The two rear wheels must always be locked unless the stretcher is in motion. The wheels can be locked into place by pressing the on tab on each wheel. To unlock the wheels, press the off tab on each wheel.
- **Locking and unlocking safety lock:** To unlock the safety lock, LIFT the black knob located on the left side of the foot end of the stretcher and turn clockwise. To unlock the safety lock, pull the black knob and turn counter-clockwise and LOWER.

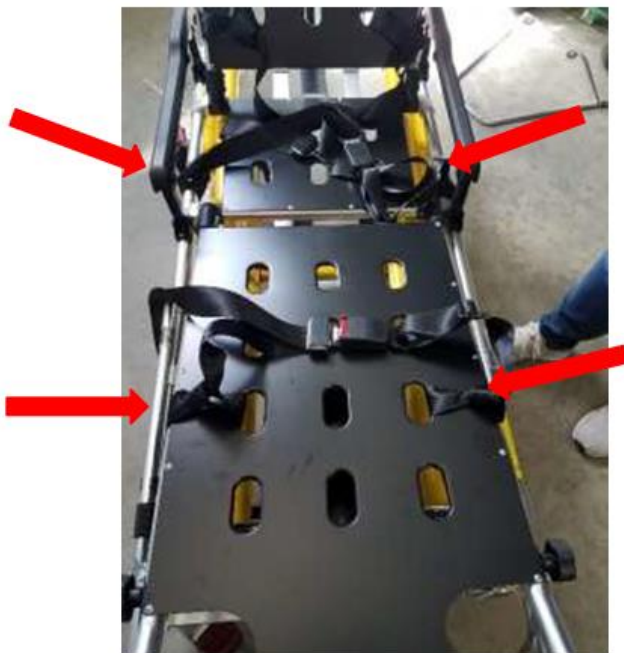


- **Raising and lowering stretcher:** If patient is on stretcher, you must use two trained operators when raising and lowering stretcher. While standing on opposite ends of the stretcher, one operator must raise the drop frame to the extended position. While using an underhand grip grasp the frame and place a hand on the control handle. Lift the stretcher to take weight off the locking mechanism then squeeze the control handle and raise or lower the stretcher. Release the handle when the stretcher is at the desired height. Using both operators, lift the stretcher until all four wheels are off the ground. This ensures that the undercarriage lock engages if it has not already done so. Set the stretcher onto the ground and do not release your grasp until you are sure your undercarriage is locked at the new position.
- **Loading the stretcher:** Using both operators, roll the stretcher forward until both loading wheels are on the vehicle floor. Lift the foot end of the stretcher until it is level with the vehicle floor. While one operator holds the stretcher in place, the other must squeeze and hold the undercarriage control handle and list the undercarriage into the folding position. Push the stretcher into the vehicle. Secure the stretcher with the vehicle hook brakes.
- **Unloading the stretcher:** Release the stretcher from the vehicle hook brackets. Grab the main frame and squeeze the undercarriage control handle. Keeping the stretcher level, pull the stretcher slowly from the vehicle until it reaches the safety stop. While one operator keeps the stretcher level, the other must grab the undercarriage hand grip and lower the undercarriage to the ground. Lift the stretcher off the ground to verify that the lock has set. Release the safety hook off the vehicle.





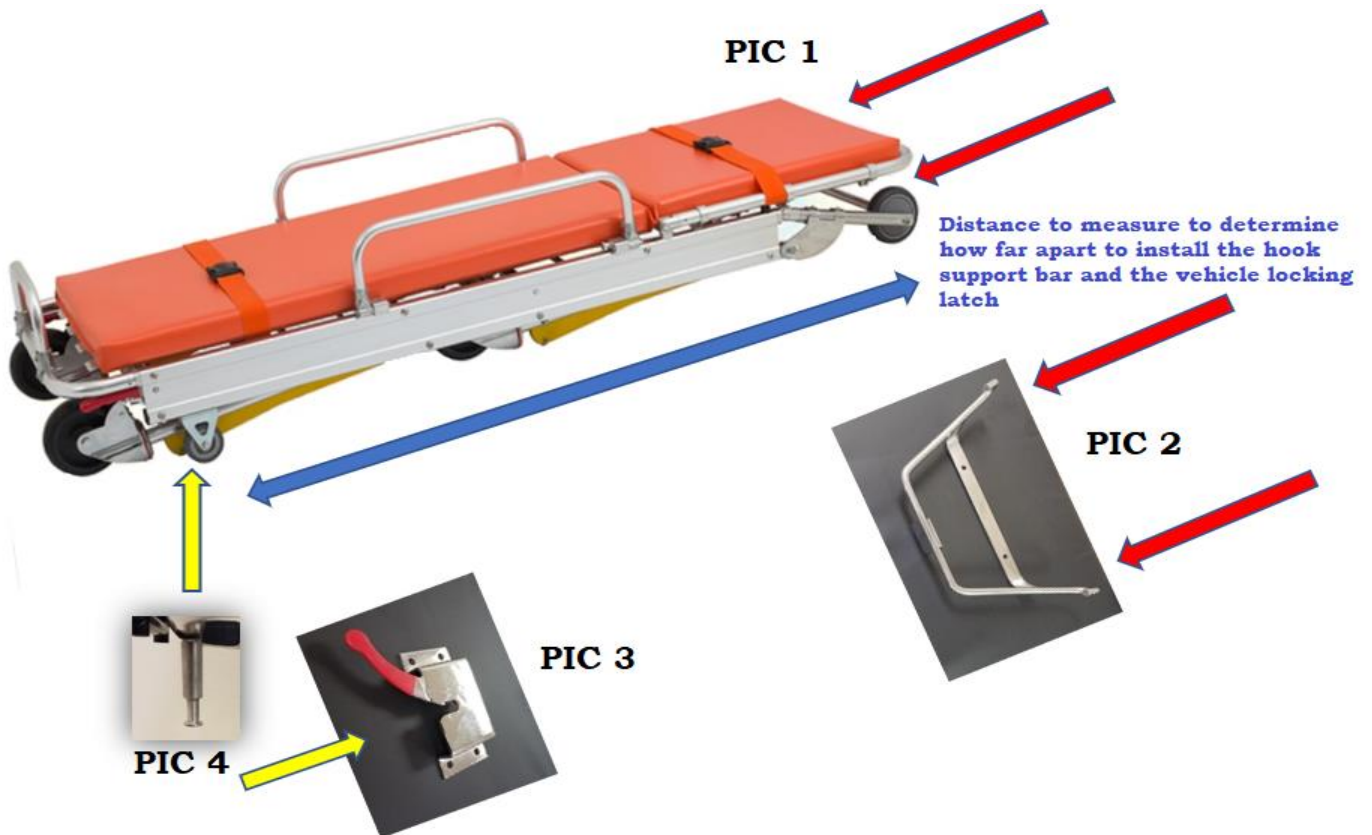
1. To install shoulder belts that are connected. Hook and loop on each corner (illustration 1) with the connection belt behind the backrest (illustration 2).
2. To install corresponding chest straps, hook and loop each belt piece through the bottom most cutout in the backrest (illustration 1).



3. To install lap belt, hook and loop to chrome frame under the siderails. (illustration 3)
4. To install leg belt, hook and loop each piece to the second to last cutout on the leg rest frame (illustration 3). Place mattress onto the stretcher. Buckle all belts (Illustration 4 shows the buckled belts)



# Locking Mechanism Installation for Pin Locks:



1. You will install the vehicle locking mechanisms onto the transportation vehicles floor as shown in the picture.
2. The hook bar (shown in PIC 2) will be installed towards the front of the transportation vehicle. The vehicle locking latch (shown in PIC 3) will be installed at the rear of the transportation vehicle.
3. PIC 1 is pointing to the stretchers horizontal frame bar. You will slide the stretcher into the vehicle until the stretchers horizontal frame bar catches in the U Hooks of the stability bar as shown in PIC 2.
4. As you do so, the stretchers locking pin located under the foot end of the stretcher (as shown in PIC 4) will catch the locking catch (as shown in PIC 3). Once the stretchers locking pin is inserted into the locking catch, you can pull the red lever to manually lock the stretcher into place.

**NOTE: You will need to measure the distance between the stretcher stability bar located at the head end of the stretcher and the stretchers locking pin located at the foot end of the stretcher. (as illustrated with the blue arrow in the picture)**

