



MS3C-PRO X

Aluminum X Frame Ambulance Stretcher



Toll Free 1.877.706.4480 | Local/ International 713.706.4480 | Fax 713.706.4161
www.MSEC.co

PRO X Aluminum X Frame Ambulance Stretcher



Description //

The PRO X automatic loading stretcher is made of high-strength aluminum alloy. The durable foam cushion and adjustable back provide maximum comfort.

This stretcher allows for one person to load the patient and stretcher into an ambulance or transport vehicle. The legs can be folded under the stretcher automatically when loading into a vehicle. The stretcher can be locked into place on the vehicle by bracket hooks (included).

The PRO X Aluminum Loading Ambulance Stretcher is lightweight, durable, safe and easy to operate.

Shipping Carton Includes:

- User manual
- Stretcher assembly
- Black foam pad for bed of stretcher (4 inches)
- Straps to secure patient on stretcher (2 straps)
- Vehicle installation hook brackets
- Four swivel castors with brakes
- Foot bar (must be installed)
- Document Pouch Holder
- Telescoping IV Pole
- Oxygen Tank Holder

Specifications:

- Product size (L×W×H)
 - High Position: 77.55" ×33.33" ×22.8"
 - Low Position: 77.55" ×15.15" ×22.8"
 - Shortened Length: 57.68"
- Wheels: 6 inches
- Gross weight: 74 lbs
- Load bearing weight: 650 lbs

Features:

- Automatic loading stretcher is easy to operate
- Stretcher can be locked in transport vehicle using hook brackets included (optional)
- Robust ambulance stretcher
- 1-year warranty
- FDA, CE and ISO 9001 Certificate

Operation Guidelines:

- Patient must be strapped to stretcher with provided safety belt when stretcher is in motion.
- Stretcher should never be turned upside down for storage.
- If stretcher is transported in a vehicle, the stretcher must be locked down when vehicle is in motion.
- Two trained operators are required for the use and operation of the stretcher.



QUALITY AND DURABILITY



Description	Location on Diagram
Lead handle (1)	A
Control handle with hardware (foot end) (1)	B
Control handle with hardware (side) (1)	C
Sidearm release handle, cover, pin with knob and spring (1)	D
Backrest gas spring and handle (blue) (1)	E
Safety bar release handles and torsion spring (blue) (1)	F
Center x-frame axle rod with cover (1)	G
Lower-frame grip (stick-on style) (2)	H
Wheel assembly with lock (1)	I
Wheel (1)	J
Straps (2)	Not Shown
Swivel castors with brakes (1)	L
Foam mattress pad (4 inches, black) (1)	M
Telescoping IV Pole (1)	N
Oxygen tank holder (1)	O
Document pouch holder (1)	P
Hook bracket for vehicle installation (1)	Shown on next page



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Adjustments:

- **Head of stretcher adjustment:** The angle of the head of the stretcher can be adjusted up and down by pulling the blue handle in the center of the back of the stretcher. There are eight adjustment levels available. Then the desired height is reached, release the handle so the pin locks into the appropriate hole.
- **Two-Position drop frame:** Place the stretcher at a level position then loosen the straps and raise the backrest. Grab the hinge sleeve (the two vertical bars under the head) of the drop frame and slide them toward the head end of the stretcher to expose the hinges. Push the drop frame down and then fasten and/or adjust the straps.
- **Sidearms:** The two side arms can be in a raised or lowered position. To raise and lower arms, pull and release the spring-loaded knob at the front of 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.
- **Loading an empty cot:** One operator can be used to load an empty stretcher into a vehicle. Level the stretcher and roll it until the wheels are on the safety bar. Lift the stretcher until it is off the ground and squeeze and hold the undercarriage control handle and lower the foot end to the ground. Pull the stretcher up and load it into the vehicle. Secure the stretcher with the vehicle hook brackets.

- **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:** Place stretcher in a level position and extend the drop frame. 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.





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Commercial X Frame EMS Stretcher Patient Restraint Placement

Item# MS3C-PROX

Patient Safety Restraint Placement:

- Secure Shoulder harness restraint strap on frame at head end of stretcher. Secure (1) Patient restraint belt to upper moving frame of stretcher to join to shoulder harness. Do not attach the restraints to the stationary frame.
- Secure (2) Patient safety straps to lower end moving frame. Do not attach the restraints to the stationary frame. One strap should be at patient's waist and the other around the patient's lower leg.



YouTube DEMONSTRATION:
<https://youtu.be/fovmyCUogmo>



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