



**Dane County EMS
Equipment Manual**

Bariatric Ambulance

2022



2022



Equipment Manual Table of Contents

Guidelines for Deployment	Page 2
Instructions for Requesting Equipment	Page 3
Required & Optional Accessories	Page 4
Procedure for Use	Page 5-7
Product Specifications	Page 8
Maintenance & Cleaning	Page 9



Guidelines for Deployment

1. Utilization is designed for patients that exceed 182 kg (400 pounds).
2. The requesting agency maintains responsibility for primary patient care.
3. The requesting agency provides any additional support required.
4. Bariatric patient scenes should have a minimum of six personnel.
5. Destination management should be considered to avoid double transportation.
6. The requesting agency is responsible for cleaning and disinfecting the equipment prior to returning it.
7. The requesting agency will supply powered suction as only manual suction is stocked within the rig
8. The ambulance is stocked to the EMT Basic level



Instructions for Requesting Equipment

1. Once on scene, assess patient. If delayed transportation is reasonable, proceed to request the bariatric ambulance (R30)
2. Contact the 911 Center and request a call from the Dane County Emergency Management Duty Officer (DO). Give available cell number to be reached at.
3. Determine whom from the scene can retrieve the ambulance. (ie. Firefighter, local police officer). *If R30 is at a district it will be their responsibility to supply a driver to get the ambulance to the requested location.*
4. Dane County EM will contact EMS on-scene contact to discuss. Dane County EMS staff may be able to assist with transporting the rig to the scene.
5. Agency representative designee will drive to Dane County Emergency Management to retrieve the bariatric ambulance.
6. Ambulance will be equipped with all supplies discussed on page 4.



Required and Optional Accessories

1. Dane County Rescue 30 *
2. Bariatric Stryker Cot * – rated to 1600 pounds in down position, up to 850 pounds in all other positions. (This is NOT a powerload cot)
 - Handles allow ease of moving cot in lowest position
 - Pull out handles allow more responders to grip the cot for lifting
 - Increased width allows improved comfort for the patient
 - Increased length of straps
 - Anything red moves
3. Hoverjack – rated to 1100 pounds
4. Hovermatt – no weight limit

* Required Items



Procedure for Use

1. Parking

Park on level ground whenever possible. This level surface is key to managing the cot and utilizing the safety pins. The area requires a minimum 30 foot length and 14 foot width to accommodate the ambulance, lift, and one stretcher length. Always set the ambulance parking brake and consider chocking the wheels. Ensure that the ambulance does not tilt to either side.

2. Using the Lift Gate

It is important to have ample staffing to assist
One person should manage controller ONLY and announce whenever any movement is made.
If not using the controller, place in holster for safety

Ensure suspension is dropped to lower rig (med/low or low)

The areas to grab are painted yellow

Disengage the safety on the rig door by the controller – push down orange and black button at the same time. The controller will not work unless the safety is disengaged.

Raise lift slightly using the remote to release the pin.



Controller



Safety Button



Pin Hole

Once lifted, use the handle to pull the entire lift gate towards you and out from under the ambulance



Lift Gate Handle

The red pin on the left side of the gate should engage once pulled all the way out and prevent the lift gate from sliding in.

Unfold one section at a time using yellow painted handles; pull out on the tension pin on the second flip to unlock that section.



Tension Pin

Once extended raise the lift gate with the controller until it is level with the back of the

ambulance. Lower the gap ramp and pull stretcher out of the rig and onto the lift.

Ensure multiple people are around the stretcher to stabilize. Lock wheels if safe to do so. Raise the gap ramp and lock in place using the yellow hook.



Gap Ramp Hook

Continue to stabilize the stretcher as you lower the lift to the ground during this movement.

3. Moving the Stretcher to and from the Ambulance

When patient is loaded, never roll the bariatric transport stretcher in a raised position. Lower it to the lowest position as soon as possible after loading, but before moving. Moving a bariatric patient in a raised position places the stretcher at risk of tipping over.

4. Loading the Stretcher into Rig

Manually roll the stretcher onto the lift ramp using several people to stabilize the stretcher on each side. Lift the ramp until it is level with the rig and lower the gap ramp back down. Carefully maneuver the stretcher into the rig and hook it into the lock bar.

5. Packing up the Lift Gate

Complete the procedure in reverse starting by folding the sections up; **use extreme caution when folding to not pinch fingers or hands.**

Lower lift gate until it is level with the back bumper.

Lift the red pin to unlock the lift gate; push all the way in.

Lower the lift gate until the pin returns to the hole.

Re-engage the safety button on the rig door.



Product Specs and Contact Information

MX Pro Stryker Cot

- 29 inch width
- Weight limit – 1600# in down position, 850# in up position
- Stryker – 3800 E. Centre Ave. Portage, MI 49002
1-800-784-4336

HoverJack

- Weight limit – 1100#
- Width – 39 inches
- Length – 70 inches
- Height – 30 inches inflated
- Latex free
- HoverTech International – 1-610-694-9600

Hovermatt

- No weight restrictions
- HoverTech International – 1-610-694-9600



Maintenance and Cleaning

All equipment should be cleaned with the appropriate phenolic disinfectants, (ie. Virex) following hospital/EMS protocol for cleaning cots and mattresses.

All equipment should be cleaned and placed as originally found in R30. This may require returning to your station to clean and then returning to the County.

- Hoverjack and Hovermatt should be returned to suitcase and placed in cabinet behind drivers side door.

Any question can be referred to the Dane County Emergency Management Duty Officer by contacting the 911 Center.