

### Technical Users' Manual

Installation and Operating Instructions



## MODEL 600038H HYDRAULIC AUTOPSY CARRIER W/ROLLERS

#### CAUTION

 Inspect unit and all components for any loosening that may have occurred during shipping

#### **CAUTION**

WHEN TRANSPORTING OR
MANEUVERING THE TABLE ALWAYS
PLACE THE TABLE IN THE LOWERED
POSITION TO PREVENT INJURY.

#### **ATTENTION**

Review entire manual before starting assembly

Mortech™ Manufacturing Inc.

**JULY 2010** 



#### **WARNING**

Untrained operators can cause injury or be injured. Permit only trained personnel to operate the equipment.

Improper use of the equipment can cause injury. Use the equipment only for the purpose described in this manual.

Improper maintenance can cause injury. Maintain the equipment only as described in this manual.

Improper parts and service can cause injury. Use only prescribed approved parts and service.

Modifying the equipment can cause injury and damage. Use the equipment only as designed by Mortech.

#### **BLOODBORNE DISEASE NOTICE**

To reduce the risk of exposure to bloodborne diseases such as HIV-1 and hepatitis when using the equipment, follow the disinfecting and cleaning instructions in this manual.

### **BEFORE USING THE UNIT**

Personnel working with this unit needs to read this manual. Assemble of the unit following instructions, and perform any pre-service checks to confirm the units operates properly.

#### INSPECTING THE UNIT BEFORE USE

- Are all components present?
- Do the moving parts operate smoothly?
- Is unit draining properly?
- Are all nuts, bolts, and pins secured in place?
   If unit has an issue contact customer relations.

#### **GENERAL GUIDELINE**

Follow standard mortuary-service procedures when working with the unit.

### **OPERATING SKILLS AND TRAINING**

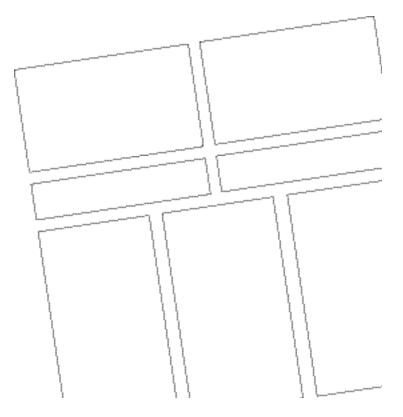
#### **SKILLS**

Operators using the equipment needs

- ☐ A working knowledge of necessary procedures.
- ☐ The ability to carry out necessary service procedures.
- □ A complete understanding of the procedures described in this manual.

#### **TRAINING**

- ☐ Be trained on the use of the equipment.
- ☐ Read the manual
- ☐ Practice with the equipment before using it in regular service.
- ☐ Be tested on their understanding of the equipment operation.
- ☐ Record their training.



#### **MODEL 600038H**

Size: 80/203 x 26.5/67 x 28.5/72 to 40.5/102 high with

T3626 Trav

Design Load: 500 lbs./273 kg

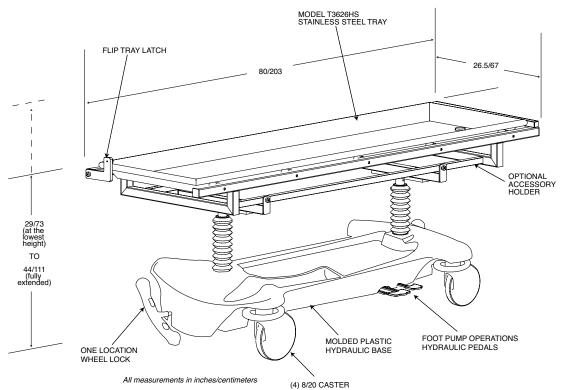
The Model 600038H Hydraulic Autopsy Carrier with Rollers is designed to accept the standard stainless steel body trays used in the Model 86-129 Roller Rack or any of the Mortuary Refrigerators. The use of rollers allows for easy loading and unloading of cadavers. A flip latch is provided to hold tray in position while in transport. The hydraulic base we utilize will tilt and adjust height via a hydraulic foot pedal.

The Model 600038H gives you quick

adjustments and individual settings with the option of lowering and raising either end 28.5 in./73 cm. to 40.5 in./102 cm. above the floor for easy preparation from a standing or sitting position. All four 8 in./20 cm. swivel wheels lock instantly with a single foot pedal. Solid surface base eliminates crevices for liquids to coagulate.

\* All measurements are inches/centimeters







# 600038H HYDRAULIC AUTOPSY CARRIER w/ROLLER



The 600038H in the various position (above) In the lowered position.



The 600038H in the head tilted position.



The 600038H in the raised position.



The 600038H in the feet tilted position.



## Component Data

### **HYDRAULIC BASE**

#### **WARNING**

Always use the caster break when a cadaver is on board. Push the carrier to ensure the casters are locked. Injury could result when loading and unloading the carrier.

#### **CAUTION**

To avoid damage, remove any equipment that may be in the way before raising or lowering of the carrier. This unit cannot be raised (hydraulics on the base) with a lift under the carrier. The hood may not be used for stepping.

### PREVENTIVE MAINTENANCE

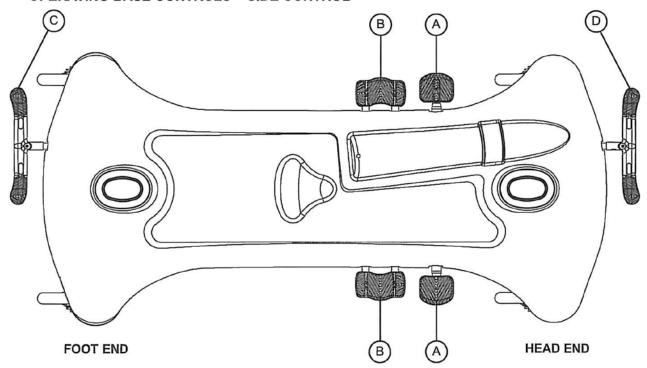
Preventive Maintenance should be performed at a minimum of annually. A Preventive Maintenance Program should be established for all equipment. Preventive Maintenance may need to be performed more frequently based on the usage level of the product.

### **CLEANING**

Hand wash all surfaces of the carrier with warm water and mild detergent. Dry Thoroughly. DO NOT STEAM CLEAN, PRESSURE WASH, HOSE OFF OR ULTRASONICALLY CLEAN. Using these methods of cleaning is not recommended and may void this product's warranty. Clean hood storage area regularly. The bottom of the brake rings should be cleaned regularly to prevent wax and/or floor remnants buildup.

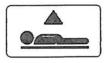


#### OPERATING BASE CONTROLS - SIDE CONTROL



#### **CARRIER OPERATION**

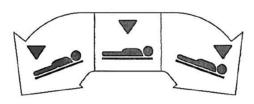
Pump pedal (A) to raise the litter.



Depress in the center of pedal (B) to lower both ends of the carrier together.

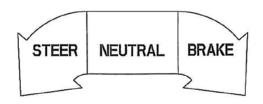
Depress the side pedal (B) closest to the foot end of the carrier to lower the foot end.

Depress the side pedal (B) closest to the head end of the carrier to lower the head end.

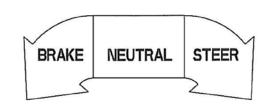


RAISING AND LOWERING LITTER HEIGHT-SIDE CONTROL TO AVOID AN DAMAGE REMOVE ANY EQUIPMENT THAT MAY BE IN THE WAY BEFORE LOWERING THE CARRIER.

Pedal (C) - Brake and steer functions (foot end)



Pedal (D)-Brake and steer functions (head end)



#### WARRANTY

Limited Warranty

Stryker Medical Division, a division of the Stryker Corporation, warrants to the original purchaser for a period of one (1) year after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Stryker, found to be defective. If requested by Stryker, products or parts for which a warranty claim is made shall be returned prepaid to Stryker's factory. Any improper use or any alteration or repair by others in such manner as in Stryker's judgement affects the product material ad adversely shall void this warranty. Any repair of Stryker products using parts not provided or authorized by Stryker shall void this warranty. No employee or representative of Stryker is authorized to change this warranty in any way.

Stryker Medical stretcher product are designed far a 10 year expected service life under normal use, conditions, and wit appropriate periodic maintenance as described in the maintenance manual for each device. Stryker warrants to the original purchaser that the welds on its stretcher products will be free from structural defects for the expected 10 year life of the stretcher product as long as the original purchaser owns the product.

This statement constitutes Stryker entire warranty with respect to the aforesaid equipment. STRYKER MAKES NO OTHER WARRANTY OR REPRESENTATION EITHER EXPRESSED OR IMPLIED, EXCEPT AS SET FORTH HERIN. THERE IS NO WARRANTY OF MERCHANTIBILITY AND THERE ARE NO WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL STRYKER BE LIABLE HEREUNDER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR IN ANY MANNER RELATED TO SALES OR USE OF ANY SUCH EQUIPMENT.

#### RETURN AUTHORIZATION

Merchandise cannot be returned without approval of Stryker Customer Service Department.

An authorized number will be provided which must be printed on the returned merchandise. Stryker reserves the right to charge shipping and restocking fees on returned items. SPECIAL, MODIFIED, OR DISCONTINUED ITEMS NOT SUBJECT TO RETURN.

#### DAMAGED MERCHANDISE

ICC Regulation require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of receipt of merchandise. DO NOT EXCEPT DAMAGE SHIPMENT UNLESS SUCH DAMAGE IS NOTED ON THE DELIVERY RECEIPT AT THE TIME OF RECEIPT. Upon prompt notification, Stryker will file a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. in the event that this information is not received by Stryker within (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full.

Claims for any short shipment must be made within (30) days of invoice.

#### INTERNATIONAL WARRANTY CLAUSE

This warranty reflects U.S. domestic policy. Warranty outside the U.S. may vary by country. Please contact your local Stryker Medical representative for additional information.





### **600039H Hydraulic Autopsy Carrier w/Rollers**

## MAINTENANCE INSTRUCTIONS MAINTENANCE SCHEDULE

The unit requires regular maintenance and follow the manufactures directions.

#### **DISINFECTING AND CLEANING**

Clean all surfaces of the stainless steel with a hard surface disinfectant/cleaner such as Sheila Shine® or SaniZene®. Follow instructions on container.

## DISINFECTING AND CLEANING COMPONENTS AND ACCESSORIES

Hand wash with disinfecting soap and warm water. Rinse well with clear water and dry with a towel. (Clean on a regular basis to prolong work life).

#### **WARNING**

Improper maintenance can cause injury. Maintain only as prescribed in this manual.

Overall, it is very simple to maintain. If you use for its intended purpose, it will provide many years of reliable service.

#### **CARE OF STAINLESS STEEL**

Stainless steel products have a directional #4 brushed finish. This finish is produced using a very fine abrasive cloth. Dragging heavy equipment across the stainless steel surfaces will cause noticeable scratching. Pitting/corrosion can occur when carbon steel products are allowed to remain in contact with the stainless steel in the presence of moisture. (Examples- Steel Wool pads left in the bottom of the sink). Stainless steel can be damaged by exposure to acids.

#### **TYPES OF SURFACE CONTAMINANTS**

**Dirt -** Consist of accumulated dust and a variety of contaminates. Warm water with or without a gentle detergent is sufficient. Next in order are mild non-abrasive powders such as typical household cleaners. These can be used with warm water, bristle brushes, sponges, or cleaning cloths. (Do not use carbon steel brushes or steel wool they may leave particles embedded on the surface which can lead to RUSTING.) For more aggressive cleaning, a small amount of vinegar can be added to the scouring powder. When water contains mineral solids, which leave water spots, it is advisable to wipe the surface completely with dry towels.

**Fingerprints and Stains -** Fingerprints and mild stains resulting from normal use are the most common surface contaminates. This affect the appearance and seldom have an effect on corrosion resistance. They can be removed with a glass cleaner or by gentle rubbing with a paste of soda ash (sodium carbonate) and water applied with a soft rag. Followed by a thorough warm water rinse and towel dry.

**Shop Oil and Grease -** These soils may be corrosive and may not allow the surface to maintain passivity, and so removal is a necessity. Soap or detergent and water may be used or a combination of detergent and water plus a solvent.

## TYPES OF CLEANERS AND METHODS General Precautions

Avoid using abrasive cleaners unless absolutely necessary. A "soft abrasive," such as pumice, should be used. Many cleaners contain corrosive ingredients, rinse with clean water.

**Clean Water and Wipe -** A soft cloth and clean warm water should always be the first choice for mild stains, loose dirt and soils. A final rinse with clean water and a dry wipe will eliminate the possibility of water stains.

**Solvent Cleaning -** Organic solvents can be used to remove fresh fingerprints, oils and greases that have not had time to oxidize or decompose. The preferred solvent is one that does not contain chlorine, such as acetone, methyl alcohol, and mineral spirits.

#### **EFFECTIVE CLEANING METHODS**

Commercial Cleaners - Many commercial cleaners compounded from phosphates, synthetic detergents, and alkalis are available for the cleaning of severely soiled or stained stainless surfaces. When used with a variety of cleaning methods, these cleaners can safely provide effective cleaning.

#### SCRATCH REPAIR

Surface scratches can be repaired using the following technique. Depending on the severity of the scratch, it may be possible to completely remove it. Sand the scratch using 120 grit emery cloth or paper and firm pressure. Always sand in the direction of the grain. Avoid the natural tendency to sand in an arc, instead sand in a perfectly straight line. Sand until the scratch is gone.

Polish using 3M Scotch Brite pads - Very Fine Grade. Use the same motions as with sanding. Polish until the original finish is restored. Wash and wipe the surface completely with dry towels.

#### **RUST REMOVAL**

Rust can be repaired using the following technique. Sand the scratch using 120 grit emery cloth or paper and firm pressure. Always sand in the direction of the grain. Avoid the natural tendency to sand in an arc, instead sand in a perfectly straight line. Sand until the rust is gone.

Polish using 3M Scotch Brite pads - Very Fine Grade. Use the same motions as with sanding. Polish until the original finish is restored. Wash and wipe the surface completely with dry towels.

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## **600039H Hydraulic Autopsy Carrier w/Rollers**

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#### WARRANTY

Mortech Manufacturing warrants all fabrications to be free of defects due to its own workmanship and materials.

Repair and/or replacement of materials furnished that may develop such defects, will be warranted for a period of one year from the date of shipment.

Items not manufactured by Mortech Manufacturing will receive the manufacturer's warranty.

#### PARTS AND SERVICE

Customer relations and product support are important aspects of Mortech Manufacturing.

For assistance with this or any of our fine products please contact us below:

Mortech Manufacturing Company 411 North Aerojet Avenue Azusa, CA 91702 TEL (626) 334-1471 FAX (626) 334-1704 www.mortechmfg.com info@mortechmfg.com

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#### CAUTION

 Inspect unit and all components for any loosening that may have occurred during shipping

#### **DISCLAIMER**

This manual contains general instructions for the use, operation, and care of this product. The instructions are not all inclusive. Safe and proper use of this product is solely at the discretion of the user. Safety information is included as a service to the user. All other safety measures taken by the user should be within and under consideration of applicable regulations. It is recommended that training on the proper use of this product be provided before using this product in and actual situation.

Retain this manual for future reference. Include it with the product in the event of transfer to new users. Additional free copies are available upon request from Customer Relations.

#### PROPRIETARY NOTICE

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