



SECHRIST INDUSTRIES, INC.

User's Manual
Hydraulic and Standard Gurneys and Stretchers

Hydraulic Models:

P/N 21465

P/N 21266

Standard Models:

P/N 21502

P/N 21464

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Introduction

INTRODUCTION

This manual is designed to assist you with the operation of Sechrist Industries Gurney/Stretchers. Read it thoroughly before using the equipment or beginning any maintenance on it.

SPECIFICATIONS

| Gurney/Stretcher Name | Standard Gurney & Stretcher | Hydraulic Gurney & Standard Stretcher | Standard Gurney & Deluxe Wide Stretcher | Hydraulic Gurney & Deluxe Wide Stretcher |
|---------------------------------------|----------------------------------|---------------------------------------|---|--|
| Part Number | P/N 21502 | P/N 21266 | P/N 21464 | P/N 21465 |
| Assoc. Chamber Models | 2800, 2500 | 2800, 2500 | 3300E, 3600E | 3300E, 3600E |
| Gurney Characteristics | Siderails | Siderails/Hydraulic | Siderails | Siderails/Hydraulic |
| Built-in Headrest Angles | N/A | N/A | 0–30 | 0–30 |
| Gurney Overall Length/Width | 95"/29" (241 cm/74 cm) | 95"/29" (241 cm/74 cm) | 95"/29" (241 cm/74 cm) | 95"/29" (241 cm/74 cm) |
| Stretcher Overall Length/Width | 81.5"/22.25" (207 cm/56.5 cm) | 81.5"/22.25" (207 cm/56.5 cm) | 81.5"/24" (207 cm/61 cm) | 81.5"/24" (207 cm/61 cm) |
| Minimum/Maximum Height | 30" (76.2 cm) | 25" - 38.5" (63.5 cm - 97.8 cm) | 30" (76.2 cm) | 25" - 38.5" (63.5 cm - 97.8 cm) |

Refer to the Sechrist Chamber User Manual to determine the supported patient weight of each specific chamber.

WARNING / CAUTION / NOTE DEFINITION

The words WARNING, CAUTION, and NOTE carry special meanings and should be carefully reviewed.

WARNING

Alerts the reader about a situation, which if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.

CAUTION

Alerts the reader of a potentially hazardous situation, which if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

Note

This provides special information to make maintenance easier or important instructions clearer.

Summary of Safety Precautions

The Sechrist Gurney/Stretchers are accessories of Sechrist Hyperbaric Chambers. They are intended to be used only to move patients into and out of a chamber, and are not for general transport.

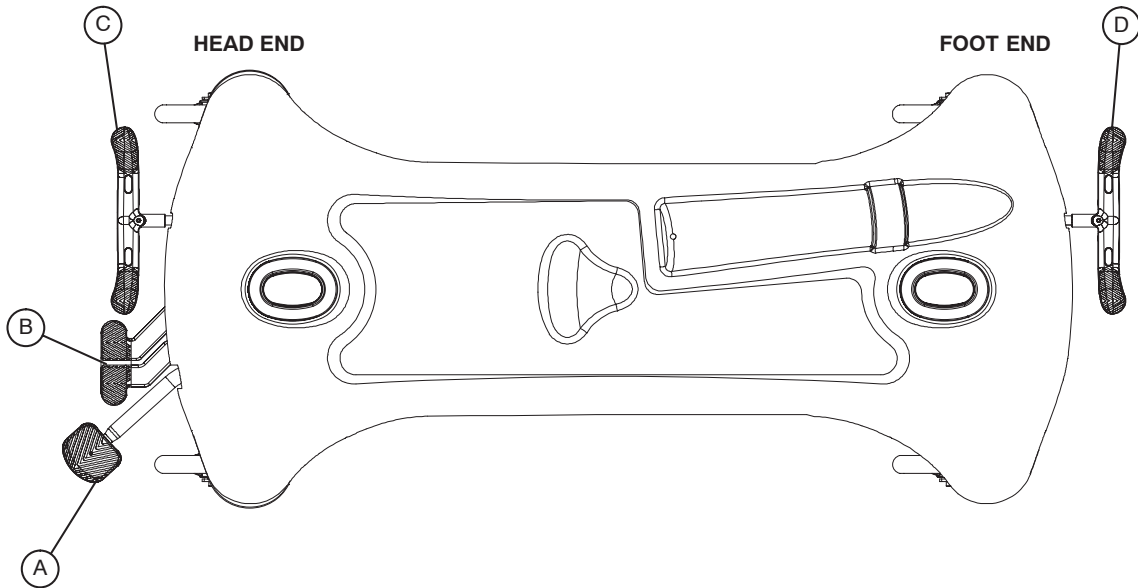
Before operating these stretchers, it is important to read and understand all information in this manual. Carefully read and strictly follow the warnings listed on this page

WARNINGS

- The stretcher release latch must be locked in place to prevent movement of the stretcher when patients are loaded or unloaded from the stretcher.
- Be sure to move any equipment that may be in the way before raising or lowering the stretcher height.
- Always apply the caster brakes when a patient is getting on or off the stretcher. Push on the gurney to ensure the brakes are securely locked. Always engage the brakes unless the gurney is being moved. Injury could result if the gurney moves while a patient is getting on or off the stretcher. If brakes do not hold properly, refer to your gurney maintenance manual for a brake adjustment procedure.
- Be sure the siderail latching mechanism (on gurney P/N's 21502, 21464, 21266, 21465) is working properly at all times.
- Do not allow the siderail to lower on its own.
- The push handles should always be used when transporting patients. They were installed for this purpose for user convenience. Avoid using other parts of the stretcher as push devices. Damage may occur.
- The weight of the I.V. bags should not exceed 40 pounds (18 kg.).
- Do not expose the stretcher mattress to flame or other ignition sources. Exposure to ignition sources may cause the mattress to ignite, possibly resulting in serious injury or death.

Gurney/Stretcher Operation

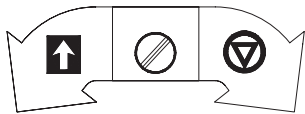
OPERATING BASE CONTROLS: HYDRAULIC GURNEYS - P/N 21465, 21266



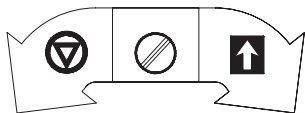
Pump pedal (A) to raise the litter.



Depress pedal (B) to lower the stretcher.



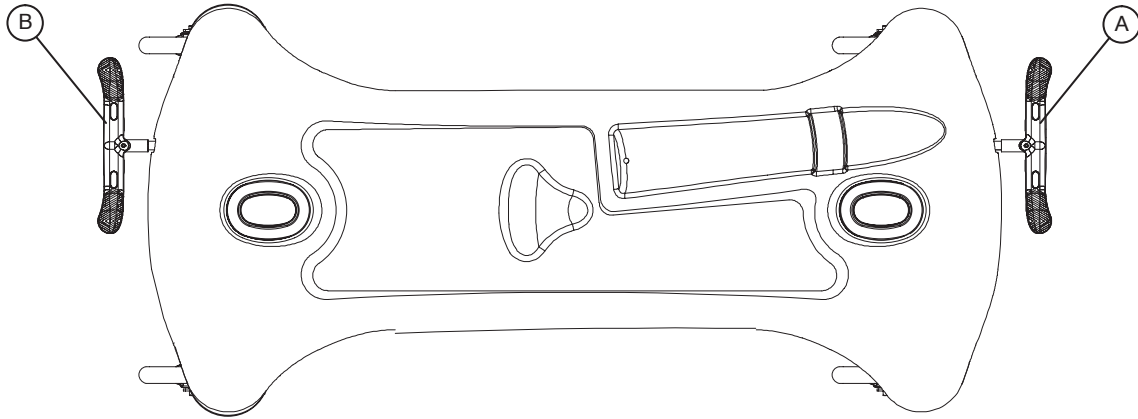
Pedal (C) – Brake and Steer functions (foot end).



Pedal (D) – Brake and Steer functions (head end).

Gurney/Stretcher Operation

OPERATING BASE CONTROLS: NON-HYDRAULIC GURNEYS - P/N 21502, 21266, 21487, 21464



(A) Brake and Steer Functions (Head End)



(B) Brake and Steer Functions (Foot End)

Gurney/Stretcher Operation

RAISING/LOWERING STRETCHER HEIGHT: HYDRAULIC GURNEYS - P/N 21465, 21266

CAUTION

Be sure to move any equipment that may be in the way before raising or lowering the stretcher height.

To raise the stretcher height, pump pedal (A) repeatedly until the desired height is achieved (see illustration on page 4).

To lower the litter height, depress pedal (B).

The Sechrist Hydraulic Gurney assembly employs a stop mechanism that automatically aligns the stretcher rails with the chamber rails. The stop mechanism can be defeated, allowing the stretcher to lower approximately 3.5 inches lower to allow for easier patient transfer onto the stretcher.

1. Depress pedal (A) 3 times to raise the stretcher. Push and hold the knob and depress pedal (B) to lower the stretcher/gurney.
2. To return to correct chamber/gurney height alignment, depress pedal (A) 8 times, verify the knob has returned to the original position and depress pedal (B) to lower the stretcher to chamber height.

APPLYING THE BRAKE SYSTEM

Note

For user convenience, the brake/steer pedal is located on both ends of the gurney.

WARNING

Always apply the caster brakes when a patient is getting on or off the gurney. Push on the gurney to ensure the brakes are securely locked. Always engage the brakes unless the gurney is being moved. Injury could result if the gurney moves while a patient is getting on or off the gurney. If brakes do not hold properly, refer to the maintenance manual for a brake adjustment procedure.

To engage the brakes on the head end, push fully down on the left side of pedal (E or A) (see page 4 or 5).

To engage the brakes on the foot end, push fully down on the right side of pedal (D or B) (see page 4 or 5).

OPERATING THE 5TH WHEEL

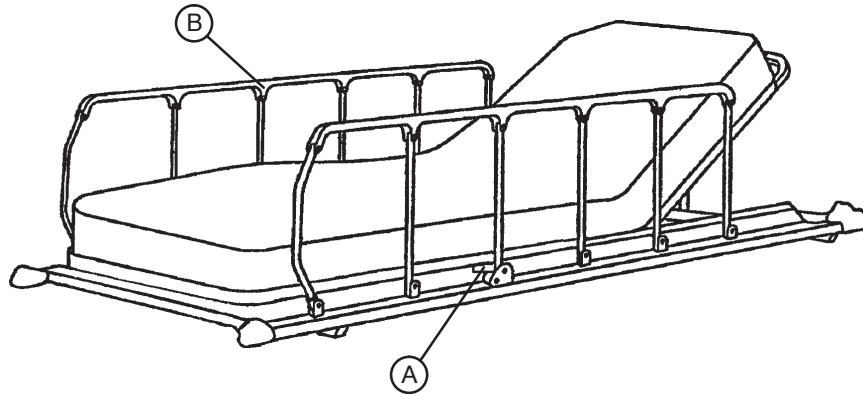
The purpose of the 5th wheel is to help guide the gurney when transporting a patient along a straight line and also for pivoting at corners.

The 5th wheel is located underneath the center of the base assembly.

To engage the 5th wheel, push the proper side of the brake/steer pedal to the full down position.

Gurney/Stretcher Operation

USING SIDERAILS: GURNEY - P/N 21464, 21465, 21502, 21266



CAUTION

Be sure the siderail latching mechanism (A) is working properly at all times. If it is not, refer to the maintenance manual for "Siderail Latch Adjustment".

To engage siderails: Pull up siderail (B) and raise to full up position so that latch (B) engages. (See illustration).

To disengage siderails: Pull up on latch (A) and guide siderail to the full down position.

CAUTION

To avoid injury or damage to the equipment, do not allow the siderail to lower on its own.

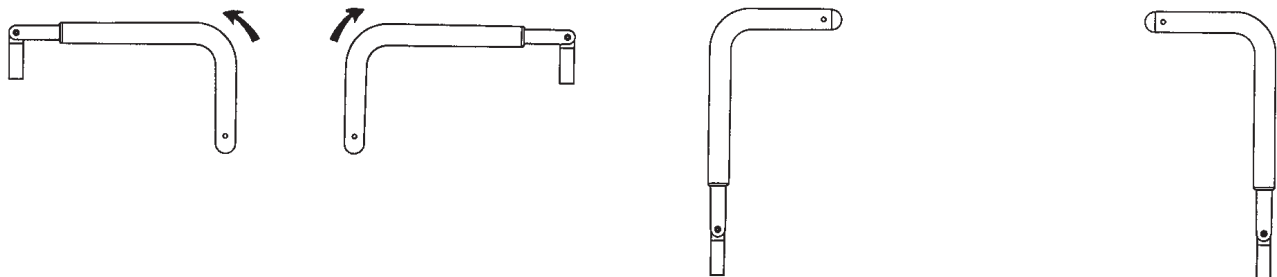
USING PUSH HANDLES

CAUTION

The push handles were designed for use while transporting the gurney. Avoid using other parts of the gurney/stretcher as push/pull devices because damage could occur.

To use the push handles: Pivot the handles up and push down until they are locked into position.

To store the push handles: Lift the handles up and pivot them down to store in the handle rests.



Gurney/Stretcher Operation

USING THE HBO SLIDING STRETCHER

To slide the stretcher into the Monoplace Hyperbaric Oxygen Chamber (HBO) Chamber:

1. Align the stretcher rails with the Sechrist HBO Chamber rail sockets and apply the gurney base brakes. (Refer to the Sechrist HBO Chamber User's Manual).
2. Lift up the Stretcher Release Latch located at the head end of the stretcher.
3. Push the stretcher into the Chamber opening. The stretcher will slide off the stretcher rails onto the HBO Chamber rails inside the Chamber. When the stretcher is completely pushed into the Chamber, you will hear the latch lock into place.
4. Verify the litter is completely inside the Chamber and locked into place. Release the gurney base brakes, move aside the gurney base and close the Chamber door.

To remove the stretcher from the HBO Chamber:

1. Open the Chamber door. Align the gurney base with the opening of the Chamber and apply the base brakes.
2. Lift up on the Stretcher Release Latch at the opening of the Chamber.
3. Pull the stretcher out of the Chamber and onto the gurney base. When the stretcher is completely onto the base, you will hear the latch lock into place.
4. Verify the stretcher is securely locked into place before releasing the base brakes and moving the gurney.

USING THE BUILT-IN HEADREST (WITH DELUXE WIDE STRETCHER P/N 21464 & 21465)

The black knobs at the end of the stretcher lock and unlock the headrest mechanism.

To raise the headrest to one of 14 different angles (maximum 17 inch (43.2 cm.) height / 30 angle): Grasp both knobs and lift up to engage the locking mechanism at the desired position.

To lower the headrest: Simultaneously turn the right knob clockwise and the left knob counterclockwise to unlock the mechanism and lower the headrest.

USING THE I.V. POLE

A removable I.V. pole is stored in clips on the base of the gurney.

Insert the I.V. pole into one of the receptacles at the head or foot end of the gurney.

Turn the black knob counterclockwise, grasp the top section of the pole and raise or lower it to the desired height.

Turn the black knob clockwise and tighten it until the top section of the pole is held securely in place.

CAUTION

The weight of the I.V. bags should not exceed 40 pounds (18 kg).

Preventative Maintenance

CHECKLIST

ALL GURNEYS:

- _____ All fasteners secure
- _____ Siderails move and latch properly (Gurneys 21502, 21464, 21465, 21266)
- _____ All casters lock with brake pedal engaged
- _____ Steer function working properly
- _____ All casters secure and swiveling properly
- _____ Ground chain intact
- _____ I.V. pole intact and operating properly (Gurneys 21502, 21464, 21465, 21266)
- _____ Oxygen bottle holder intact and operating properly (Gurneys 21502, 21464, 21465, 21266)
- _____ Head rest operates and latches properly (Gurneys 21464, 21465)
- _____ No rips or cracks in mattress cover
- _____ Lubricate where required, including the brake adjuster assembly and brake cam
- _____ Accessories and mounting hardware in good condition and working properly

HYDRAULIC GURNEYS (P/NS 21465, 21266):

- _____ No leaks at hydraulic connections
- _____ Hydraulic jacks holding properly
- _____ Hydraulic drop rate set properly
- _____ Hydraulic oil level sufficient

| | | |
|--------------------------|--|--|
| Stretcher Serial Number: | | |
| | | |
| | | |
| | | |

Completed by: _____

Date: _____

Note

References to the right or left side of the stretcher refer to the right and left sides of a patient lying face upon the stretcher..

Cleaning

Hand wash all surfaces of the stretcher 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.

In general, when used in those concentrations recommended by the manufacturer, either phenolic type or quaternary type disinfectants can be used. Iodophor type disinfectants are not recommended for use because staining may result. The following products have been tested by the Herculite Laboratory and have been found not to have a harmful effect WHEN USED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDED DILUTION.*

| TRADE NAME | DISINFECTANT TYPE | MANUFACTURER | *MANUFACTURER'S RECOMMENDED DILUTION |
|---------------------------|-------------------|--|--------------------------------------|
| A33 | Quaternary | Airwick (Professional Products Division) | 2 ounces/gallon |
| A33 (dry) | Quaternary | Airwick (Professional Products Division) | 1/2 ounce/gallon |
| Beaucoup | Phenolic | Huntington Laboratories | 1 ounce/gallon |
| Blue Chip | Quaternary | S.C. Johnson | 2 ounces/gallon |
| Elimstaph | Quaternary | Walter G. Legge | 1 ounce/gallon |
| Franklin Phenomysan F2500 | Phenolic | Purex Corporation | 1 1/4 ounce/gallon |
| Franklin Sentinel | Quaternary | Purex Corporation | 2 ounces/gallon |
| Galahad | Phenolic | Puritan Churchill Chemical Company | 1 ounce/gallon |
| Hi-Tor | Quaternary | Huntington Laboratories | 1/2 ounce/gallon |
| LPH | Phenolic | Vestal Laboratories | 1/2 ounce/gallon |
| Matar | Phenolic | Huntington Laboratories | 1/2 ounce/gallon |
| Omega | Quaternary | Airwick (Professional Products Division) | 1/2 ounce/gallon |
| Quanto | Quaternary | Huntington Laboratories | 1 ounce/gallon |
| Sanikleen | Quaternary | West Chemical Products | 2 ounces/ gallon |
| Sanimaster II | Quaternary | Service Master | 1 ounce/gallon |
| Vesphene | Phenolic | Vestal Laboratories | 1 1/4 ounce/ gallon |

Quaternary Germicidal Disinfectants, used as directed, and/or Chlorine Bleach products, typically 5.25% So-dium Hypochlorite in dilutions ranging between 1 part bleach to 100 parts water, and 2 parts bleach to 100 parts water are not considered mild detergents. These products are corrosive in nature and may cause damage to your gurney if used improperly. If these types of products are used to clean patient handling equipment, measures must be taken to insure the stretchers are rinsed with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the gurneys will leave a corrosive residue on the surface of the stretcher, possibly causing premature corrosion of critical components. Failure to follow the above directions when using these types of cleaners may void this product's warranty.

REMOVAL OF IODINE COMPOUNDS

This solution may be used to remove iodine stains from mattress cover surfaces.

1. Use a solution of 1–2 tablespoons Sodium Thiosulfate in a pint of warm water to clean the stained area. Clean as soon as possible after staining occurs. If stains are not immediately removed, allow solution to soak or stand on the surface.
2. Rinse surfaces which have been exposed to the solution in clear water before returning bed to service.

Warranty

SECHRIST INDUSTRIES, INC. warrants this product to meet the published specifications and to be free from defects in material and workmanship under normal use for a period of one (1) year from the date of original installation. THE FOREGOING IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY. The sole liability of SECHRIST under this warranty is limited to replacing, repairing, or issuing credit at the discretion of SECHRIST for the products, equipment or parts which fail to meet the published specifications or which become defective during the warranty period and which are upon examination by SECHRIST found not to meet the published specifications or to be defective in material or workmanship. SECHRIST will not be liable under this warranty unless the following provisions are strictly complied with: (a) SECHRIST is promptly notified, in writing, upon discovery of the failure of said product or equipment to meet the published specifications or of defects in material or workmanship, (b) the defective product, equipment or part thereof is returned to SECHRIST, transportation charges prepaid by the buyer, (c) the defective part is received by SECHRIST for examination no later than one (1) month following the expiration of the warranty period and provided (d) that examination by SECHRIST of said product, equipment or part shall disclose to SECHRIST'S satisfaction that such defect has not been caused by improper usage, accident, neglect, alteration, abuse, improper installation or unauthorized repair. Products, equipment or parts replaced under this warranty are warranted only through the terms of the original warranty. SECHRIST neither assumes nor authorizes any other person or entity to assume for it any other warranty, obligation or liability in connection with its products or equipment whatsoever, and this warranty can only be changed in writing by a duly authorized representative of SECHRIST. SECHRIST makes no representations or warranties whatsoever as to the fitness or usefulness of the products or equipment manufactured by it for any medical treatment, physical condition or other purpose whatsoever. In no event shall SECHRIST be liable for personal injury, property damage or any special or consequential damage to any buyer, user or any other person whomsoever, including, but not limited to, loss of profits, loss of use of the product or equipment, or for damages of any other kind whatsoever based on a claim for breach of warranty other than a refund of the purchase price of any defective product or equipment. Any authorization for repair or alteration by buyer must be in writing from SECHRIST to prevent the voiding of this warranty. In the event SECHRIST or its representatives render any technical advice or service of any kind to buyer or anyone else in connection with the equipment or products covered by this warranty, the buyer hereby releases SECHRIST from all liability of any kind whatsoever as a result thereof; and the warranty as hereinbefore set forth shall not be enlarged or affected by said action by SECHRIST.



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