

Evacuation Chair

Operations Manual

REF 6254



Symbols














	Consult instructions for use
	CE mark
	Authorized representative in the European Community
	European medical device
	General warning
	Caution
	Catalogue number
	Serial number
	For US Patents see www.stryker.com/patents
	Manufacturer
	Date of manufacture
	Do not lubricate
	Safe working load

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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 product 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 - Provides special information to make maintenance easier or important instructions clearer.

Summary of safety precautions

Always read and strictly follow the warnings and cautions listed on this page. Service only by qualified personnel.

WARNING

- Always make sure that the chair is locked in the unfolded position before use. An unlocked chair may fold during use.
- Always use all restraint straps to secure the occupant on the product. An unrestrained occupant may fall from the product and be injured.
- Do not apply a wheel lock when an occupant is on the product or when you move the product to avoid the risk of tipping.
- Always avoid getting dirt or other obstructions inside the tracks. The **Stair-TREAD** system may not work the same on all stair surfaces and in all environmental conditions. Based on conditions, you may encounter varying amounts of resistance. Water, ice, or debris on the stairs can affect operator footing and proper operation of the **Stair-TREAD** system. To avoid injury, clear the path or consider an alternate route. Condensation, water, ice, or debris on the **Stair-TREAD** system can cause unpredictable performance that results in a sudden change in the weight the operators must support.
- Do not allow untrained helpers to assist in the operation of the product. Untrained helpers may cause injury to the occupant or themselves.
- Always transport an occupant weighing more than 200 lb on stairs with a minimum of two trained operators.
- Do not attempt to transport occupant loads greater than what you can safely lift.
- Do not use the chair with suspected cervical, spinal, or fracture injuries.
- Do not allow the occupant to stand on the footrest to avoid injury or equipment damage.
- Always use caution when you use casters. Casters are not suitable for all surfaces.
- Always lock the **Stair-TREAD** system in position before you transport an occupant.
- Always lock the lift handles in position before you use the lift handles to lift the chair.
- Always clean and dry the **Stair-TREAD** system before you transport an occupant.
- Do not leave an occupant unattended. Hold the product while an occupant is on the product.
- Do not install or apply a wheel lock on a product with worn wheels that are less than 5 in. diameter.
- Always secure all tubes, regulators, and accessories for the oxygen bottle to prevent interference with the tracks, wheels, or other mechanisms of the chair.
- Always clean or dispose of contaminated chair components to avoid risk of exposure to bloodborne pathogens and injury to the occupant or operator.
- Always use any appropriate personal protective equipment while power washing to avoid inhaling contagion. Power washing equipment may aerate contamination.

CAUTION

- Improper usage of the product can cause injury to the occupant or operator. Operate the product only as described in this manual.

- Do not modify the product or any components of the product. Modifying the product can cause unpredictable operation resulting in injury to occupant or operator. Modifying the product also voids its warranty.
 - Always release the red track release bar before you click the **Stair-TREAD** system into the locked position. Try to fold the chair before you descend the stairs to make sure that the **Stair-TREAD** system is locked.
 - The elastic oxygen bottle holder is for use only with Stryker Evacuation Chairs and **Stair-PRO®** Stair Chairs. Use only D-size oxygen bottles with the elastic oxygen bottle holder.
 - Always properly secure the oxygen bottle and oxygen bottle accessories so they do not interfere with the operation of the chair.
 - Always secure the oxygen bottle to the elastic oxygen bottle holder using the red **Velcro** strap.
 - Always secure the oxygen bottle in the elastic oxygen bottle holder and that the regulator valve of the oxygen bottle does not protrude from the width of the chair.
 - Always remove the oxygen bottle from the elastic oxygen bottle holder before you attempt to fold or store the chair.
 - Do not steam clean or ultrasonically clean the product.
 - Do not exceed 180 °F (82 °C) as the maximum water temperature.
 - Do not exceed 1500 psi (130.5 bar) as the maximum water pressure. If you are using a hand held wand to wash the product, keep the pressure nozzle at a minimum of 24 in. (61 cm) from the product.
 - Always allow to air dry.
 - Do not clean, service, or perform maintenance while the product is in use.
-

Introduction

This manual assists you with the operation or maintenance of your Stryker product. Read this manual before operating or maintaining this product. Set methods and procedures to educate and train your staff on the safe operation or maintenance of this product.

CAUTION

- Improper usage of the product can cause injury to the occupant or operator. Operate the product only as described in this manual.
 - Do not modify the product or any components of the product. Modifying the product can cause unpredictable operation resulting in injury to occupant or operator. Modifying the product also voids its warranty.
-

Note

- This manual is a permanent part of the product and should remain with the product even if the product is sold.
- Stryker continually seeks advancements in product design and quality. This manual contains the most current product information available at the time of printing. There may be minor discrepancies between your product and this manual. If you have any questions, contact Stryker Customer Service or Technical Support at 1-800-327-0770.

Product description

The Stryker Model 6254 Evacuation Chair is used for the evacuation of disabled persons from multilevel facilities.

Indications for use

The Stryker Model 6254 Evacuation Chair is a hand carried device that consists of a light weight frame on which an occupant can be carried. It is intended to aid in the transportation of occupants up and/or down a flight of stairs in an evacuation situation. The tracks allow a single operator to evacuate occupants weighing up to 200 lb (91 kg). Two operators can manage occupants up to 500 lb (227 kg). The product is intended for use by trained operators only.

Clinical benefits

Transport occupants up and/or down stairs

Expected service life

The Evacuation Chair has a seven year expected service life under normal use conditions and with appropriate periodic maintenance.


Disposal/recycle

Always follow the current local recommendations and/or regulations governing environmental protection and the risks associated with recycling or disposing of the equipment at the end of its useful life.

Contraindications

None known.

Specifications

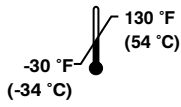
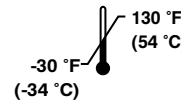
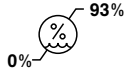
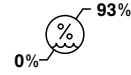
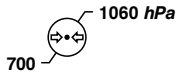
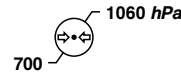
 Safe working load ¹	500 lb	227 kg
Height	45 in.	114 cm
Width	20.5 in.	52 cm
Depth ²	28 in.	71 cm
Folded depth	11 in.	28 cm
Weight	34 lb	15.5 kg

Dimensions are measured from the outermost edges of the main frame. Specifications are rounded. Conversions are calculated before rounding.

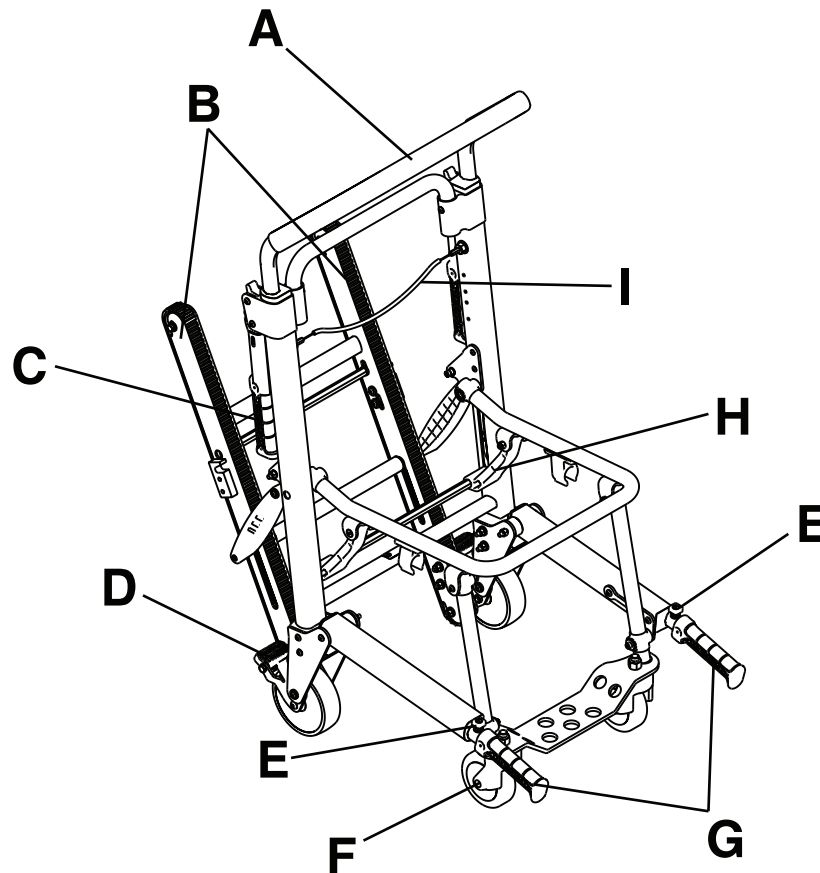
¹ Safe working load indicates the sum of the occupant, equipment, and accessory weight.

² Depth dimensions are measured with extendable handles retracted.

Stryker reserves the right to change specifications without notice.

Environmental conditions	Operation	Storage and transportation
Temperature		
Relative humidity		
Atmospheric pressure		

Product illustration



Note - Seat components removed for clarity.

A	Upper control handle	F	Front caster
B	Stair-TREAD™	G	Foot end lift handles
C	Stair-TREAD lock bar	H	Chair (red) fold lock bar
D	Wheel lock	I	Upper control handle release cable
E	Lift handle release button		

Contact information

Contact Stryker Customer Service or Technical Support at: 1-800-327-0770.

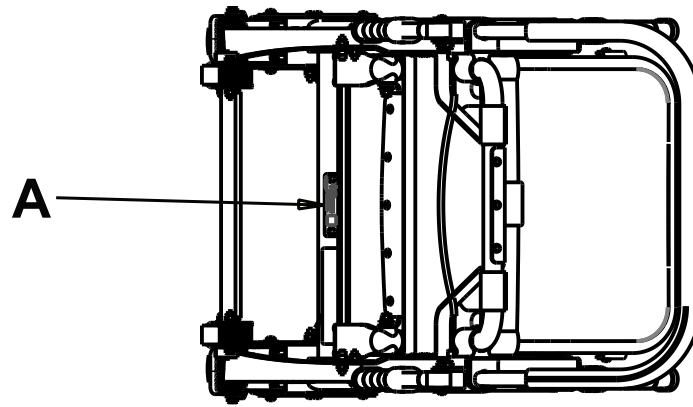
Stryker Medical
 3800 E. Centre Avenue
 Portage, MI 49002
 USA

Note - The user and/or the occupant should report any serious product-related incident to both the manufacturer and the Competent authority of the European Member State where the user and/or occupant is established.

To view your operations or maintenance manual online, see <https://techweb.stryker.com/>.

Have the serial number (A) of your Stryker product available when calling Stryker Customer Service or Technical Support. Include the serial number in all written communication.

Serial number location



Date of manufacture

The year of manufacture is the first 2 digits of the serial number.

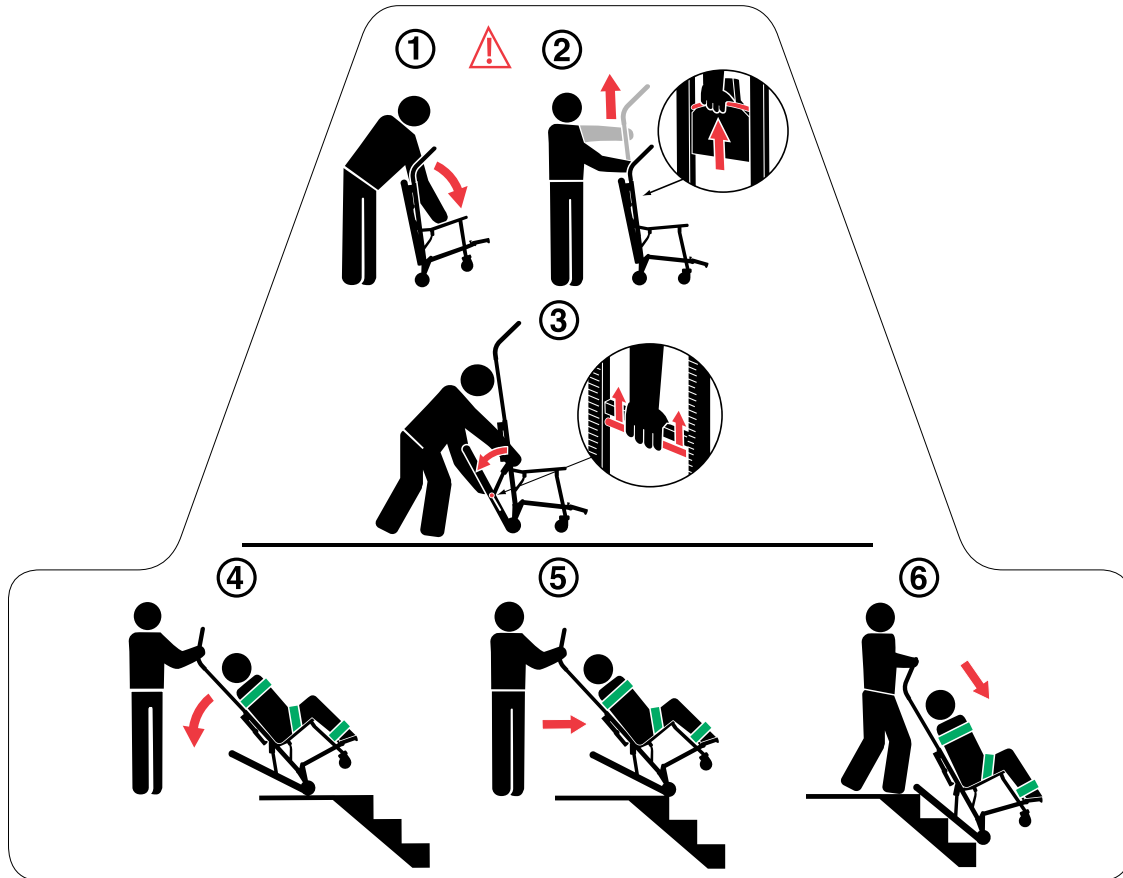
Setup

During setup, unpack the cartons and check all items for proper operation. Make sure that the product operates before you place it into service.

Remove all the shipping and packaging materials from the product before use.

Instructions

These instructions are printed on the backrest of the Evacuation Chair.



To use the evacuation chair:

1. Stand behind the chair and pull the backrest and extension handle apart to unfold the chair.

WARNING - Always make sure that the chair is locked in the unfolded position before use. An unlocked chair may fold during use.

2. Pull the red release cable with one hand and pull up on the control handle with the other hand to extend the upper control handle.
3. Squeeze the red track release bar against the black cross-tube. Relax your grip on the release bar and forcefully pull the **Stair-TREAD** system to the fully extended position until both sides lock securely. Always make sure that both sides the **Stair-TREAD** system are locked by trying to fold it back up.

CAUTION - Always release the red track release bar before you click the **Stair-TREAD** system into the locked position. Try to fold the chair before you descend the stairs to make sure that the **Stair-TREAD** system is locked.

4. Tilt the chair back just far enough to allow the **Stair-TREAD** system to contact the floor.
5. Maintaining the angle, guide the chair over the edge of the stairs, allowing the **Stair-TREAD** system to connect with the first step.
6. Glide down the stairs until the treads are level across the edges of two or three steps.

Operation

Operating guidelines

WARNING

- Always use all restraint straps to secure the occupant on the product. An unrestrained occupant may fall from the product and be injured.
 - Do not apply a wheel lock when an occupant is on the product or when you move the product to avoid the risk of tipping.
 - Always avoid getting dirt or other obstructions inside the tracks. The **Stair-TREAD** system may not work the same on all stair surfaces and in all environmental conditions. Based on conditions, you may encounter varying amounts of resistance. Water, ice, or debris on the stairs can affect operator footing and proper operation of the **Stair-TREAD** system. To avoid injury, clear the path or consider an alternate route. Condensation, water, ice, or debris on the **Stair-TREAD** system can cause unpredictable performance that results in a sudden change in the weight the operators must support.
 - Do not allow untrained helpers to assist in the operation of the product. Untrained helpers may cause injury to the occupant or themselves.
 - Always transport an occupant weighing more than 200 lb on stairs with a minimum of two trained operators.
 - Do not attempt to transport occupant loads greater than what you can safely lift.
-

- Operate the product only as described in this manual.
- Read all labels and instructions on the product before use.
- Always advise the occupant before you roll the chair, ascend stairs, or descend stairs. Stay with the occupant and control the product at all times.
- Only use the wheel locks during occupant transfer or without an occupant on the product.
- Use properly trained helpers to control the chair and occupant, when necessary.
- Store the product in a cool, dry environment that is above freezing temperature and out of direct sunlight.

Note - If you require more people to safely control the chair, see *Positioning operators and helpers* (page 17) for the proper positioning of each helper.

Unfolding the chair

WARNING - Always make sure that the chair is locked in the unfolded position before use. An unlocked chair may fold during use.

To unfold the chair:

1. Stand behind the chair.
2. Apply the wheel locks.
3. Pull the backrest and the extension handle apart (Figure 1).
4. Pull up on the seat to make sure that it is locked in the unfolded position. If the chair does not fold, then the chair is locked.

Folding the chair

To fold the chair:

1. Apply the wheel locks.
2. Buckle the restraint straps. Fold the restraint straps to prevent them from interfering. Secure the head support strap behind the chair frame.
3. Stand at the side of the chair.
4. Pull up on the chair (red) fold lock bar (A) at the rear of the chair (Figure 2).

5. Tip the chair forward.
6. Fold the seat up to the backrest until the front legs lock into the clips on the bottom of the seat tube.

Note - Rotate the front casters so they do not interfere with folding the chair.

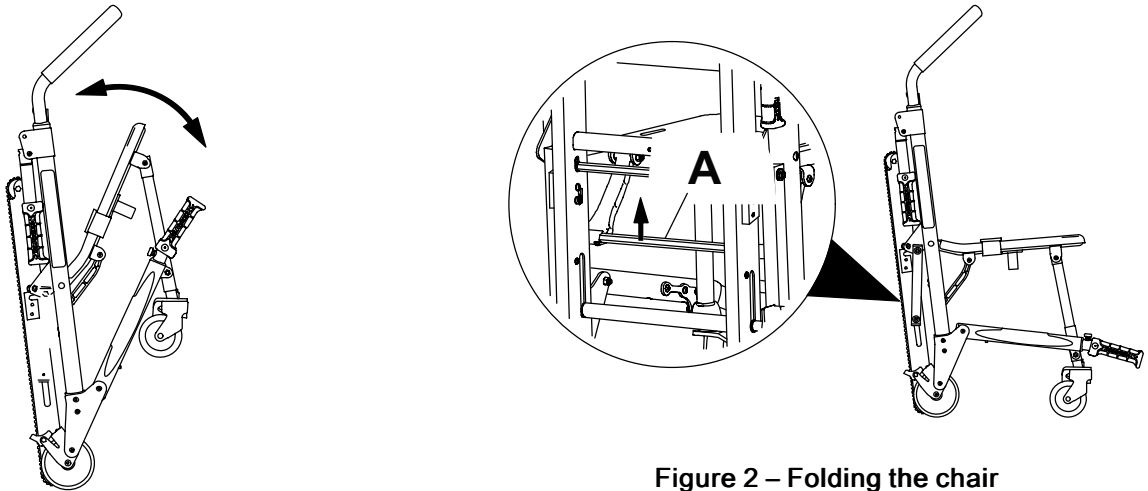


Figure 1 – Unfolding the chair

Figure 2 – Folding the chair

Store the product in a cool, dry environment that is above freezing temperature and out of direct sunlight.

Transferring the occupant to the chair

WARNING - Do not use the chair with suspected cervical, spinal, or fracture injuries.

To transfer the occupant to the product:

1. Place the product beside the occupant.
2. Apply the wheel locks to prevent the product from moving.
3. Open the restraint straps.
4. Extend the upper control handle.
5. Transfer the occupant to the product.
6. Secure the occupant to the product with all of the restraint straps (*Securing the occupant with the restraint straps* (page 10)).
7. Release the wheel locks before you transport the product.

Securing the occupant with the restraint straps

WARNING - Always use all restraint straps to secure the occupant on the product. An unrestrained occupant may fall from the product and be injured.

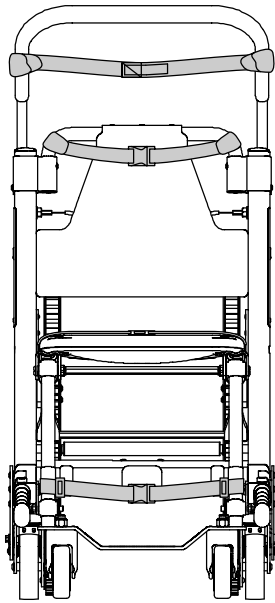


Figure 3 – Head, chest, and ankle restraint strap attachment points - front view

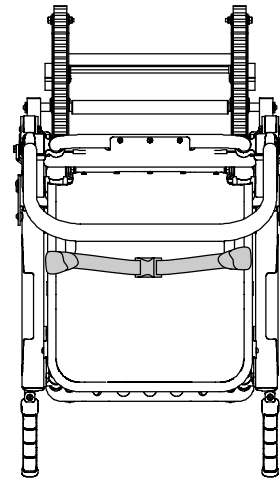


Figure 4 – Lap restraint strap attachment points - top view

Buckle one restraint strap across the occupant's chest and the other across the occupant's lap. Buckle the ankle restraint strap across the occupant's legs.

Secure restraint straps to the product in the required attachment locations (Figure 3 and Figure 4). Restraint strap attachment locations should provide strong anchorage and proper restraint position. Do not allow restraint straps to interfere with equipment or accessories. Buckle restraint straps when the chair is not in use.

Open the restraint straps and place them at either side of the chair while you position the occupant on the seat. Lengthen the restraint straps, buckle them around the occupant, and shorten them to tighten.

- To open the restraint strap, press the tabs on the side of the buckle receiver. This allows you to release the buckle latch plate and pull it out of the receiver.
- To close the restraint strap, push the latch plate into the receiver until you hear a click.
- To lengthen the restraint strap, grasp the buckle latch plate, turn at an angle to the webbing, then pull out. A hemmed tab at the end of the webbing prevents the latch plate from coming off of the restraint strap.
- To shorten the restraint strap, grasp the hemmed tab and pull the webbing back through the latch plate to tighten.

When you buckle a restraint strap around an occupant, secure the latch plate and remove any loose webbing from the chair.

Attaching the chest restraint straps

To attach the chest restraint straps in the cross-chest configuration:

1. Wrap each restraint strap around the chair frame. Insert the end of the restraint strap through the loop. Pull the restraint strap tight.
2. Pull the restraint strap across the occupant's chest. Lengthen the restraint strap as necessary.
3. Buckle the restraint strap.
4. Pull the loose end of the restraint strap to tighten it around the occupant.
5. Repeat for the second restraint strap and the lap restraint strap.

Attaching the ankle restraint strap

To attach the ankle restraint strap:

1. Remove the three plastic pieces from the restraint strap.
2. Thread the restraint strap through one of the plastic D-rings. Slide the ring down to the end of the restraint strap and up to the white label.
3. Loop the restraint strap around the front leg of the chair and pull the loose end of the restraint strap through the D-ring. Pull until the D-ring rests against the footrest tube.
4. Thread the restraint strap through the other D-ring.
5. Loop the restraint strap around the other front leg of the chair and pull the loose end of the restraint strap through the loop. Pull until the D-ring rests against the footrest tube.
6. Attach the final male end clip on the restraint strap.

Proper lifting techniques

When you lift the product and occupant, follow these proper lifting techniques to avoid the risk of injury:

- Keep your hands close to your body
- Keep your back straight
- Coordinate all movement with your partner
- Lift with your legs
- Avoid twisting

Transporting the occupant on flat surfaces

WARNING

- Do not allow the occupant to stand on the footrest to avoid injury or equipment damage.
 - Always use caution when you use casters. Casters are not suitable for all surfaces.
-

To transport on flat surfaces:

1. Push and guide the chair with the head end handles, the backrest tube, or the upper control handle (Figure 5).
2. Lift the chair over and around obstructions with the head end and foot end lift handles only.

Note - The extendable upper control handle can be used in any position to roll and guide the chair. Pull the red release cable with one hand and pull up on the control handle with the other to extend the upper control handle. Release the cable to lock the handle in either the mid or fully extended position.

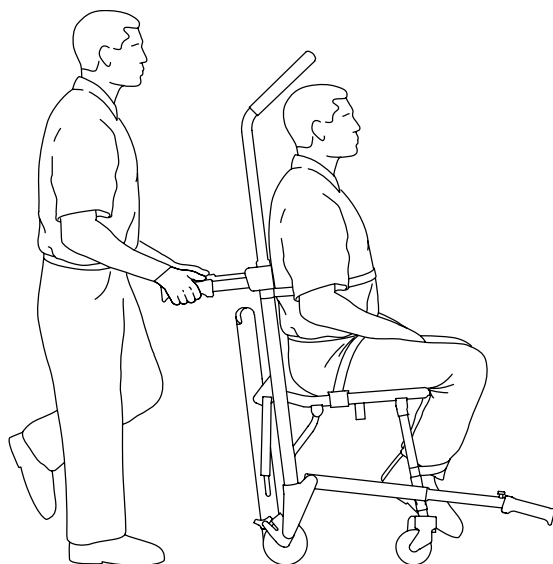


Figure 5 – Transporting the occupant

Transporting the occupant down stairs

WARNING

- Always lock the **Stair-TREAD** system in position before you transport an occupant.
 - Always transport an occupant weighing more than 200 lb on stairs with a minimum of two trained operators.
 - Always lock the lift handles in position before you use the lift handles to lift the chair.
 - Always avoid getting dirt or other obstructions inside the tracks. The **Stair-TREAD** system may not work the same on all stair surfaces and in all environmental conditions. Based on conditions, you may encounter varying amounts of resistance. Water, ice, or debris on the stairs can affect operator footing and proper operation of the **Stair-TREAD** system. To avoid injury, clear the path or consider an alternate route. Condensation, water, ice, or debris on the **Stair-TREAD** system can cause unpredictable performance that results in a sudden change in the weight the operators must support.
 - Always clean and dry the **Stair-TREAD** system before you transport an occupant.
 - Do not attempt to transport occupant loads greater than what you can safely lift.
-

CAUTION - Always release the red track release bar before you click the **Stair-TREAD** system into the locked position. Try to fold the chair before you descend the stairs to make sure that the **Stair-TREAD** system is locked.

Note - If you require more people to safely control the chair, see *Positioning operators and helpers* (page 17) for the proper positioning of each helper.

1. Roll the chair to the stairs and align it with the edge of the first step.
2. Foot end operator: Push the red release buttons to extend the foot end lift handles and pull the handles out until they stop (Figure 6). Release the buttons to lock the handles.
3. Head end operator: Use one hand to pull the red upper control handle release cable (B) (Figure 7). Use the other hand to pull up and fully extend the handle. Release the cable and make sure that the handle is locked on both sides in the fully extended position.

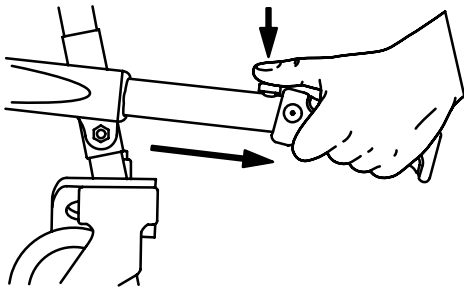


Figure 6 – Foot end lift handles

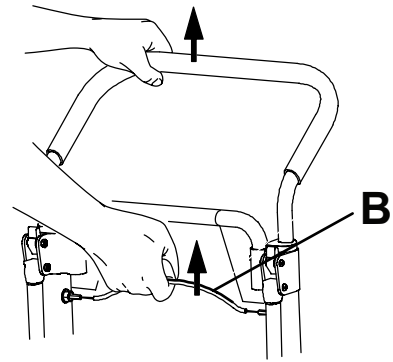


Figure 7 – Upper control handle release cable

4. Head end operator: Squeeze the red track release bar against the black cross tube (Figure 8). Relax your grip on the release bar and forcefully pull the **Stair-TREAD** system to the fully extended position until both sides lock securely. Always make sure that both sides of the **Stair-TREAD** system are locked by trying to fold it back up.
5. Operators face each other while descending the stairs.
6. Head end operator: Tilt the chair back just far enough to allow the **Stair-TREAD** system to contact the floor (Figure 9).

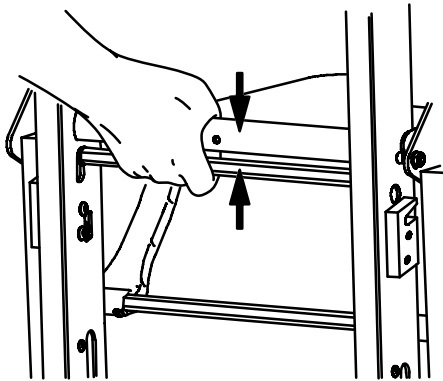


Figure 8 – Red track release bar

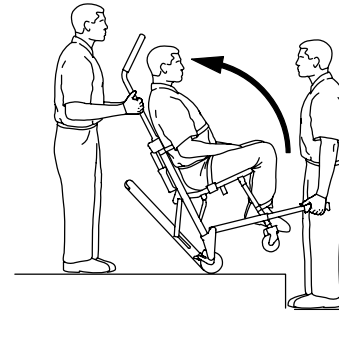


Figure 9 – Tilt the chair

7. Both operators: Maintaining the angle, guide the chair over the edge of the stairs. Allow the **Stair-TREAD** system to connect with the first step (Figure 10).
8. Both operators: Glide down the stairs until the treads are level across the edges of two or three steps (Figure 11).
9. Head end operator: Apply slight downward pressure on the extendable upper control handle while the foot end operator applies slight upward pressure on the foot end lift handles to keep the chair from rocking forward as it glides down the stairs.

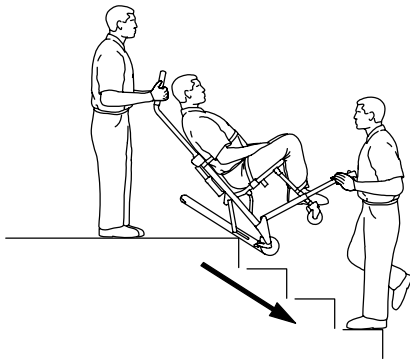


Figure 10 – Track engaging first step

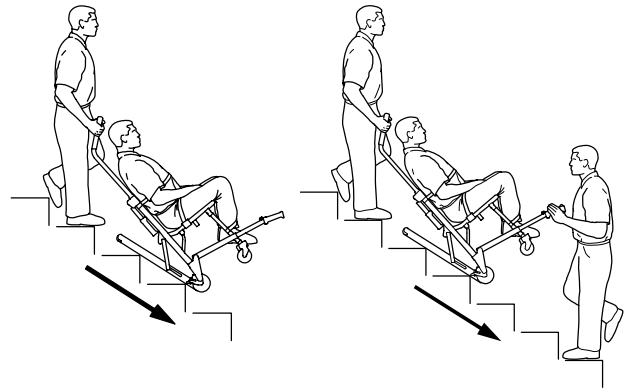


Figure 11 – Transporting down the stairs

10. Foot end operator: When the track reaches the last step, release the front handles. Head end operator: Allow the chair to tip forward (Figure 13) until all four wheels are on the ground. Roll the chair (see *Transporting the occupant on flat surfaces* (page 12)).

11. To fold the **Stair-TREAD** system, pull the red track release bar toward the black crossbar and fold the track up toward the chair. Make sure that the **Stair-TREAD** system is locked in place.

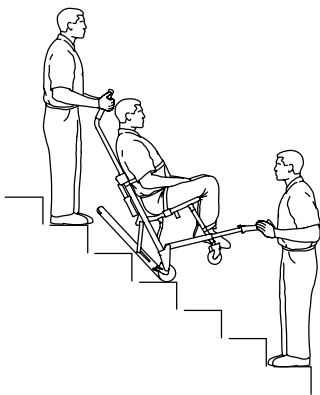


Figure 12 – Resting position

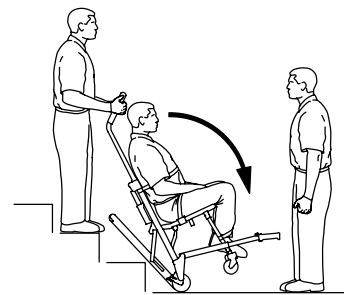


Figure 13 – Bottom of stairs

If, while descending the stairs, either operator needs to pause or rest, tilt the chair forward just enough to allow the rear wheels to rest on the tread of the stair (Figure 12). To continue down the stairs from the resting position, the head end operator exerts slight downward pressure on the upper control handle while the foot end operator provides slight upward pressure to tilt the chair back and activate the **Stair-TREAD** system.

Transporting the occupant up stairs

WARNING

- Always transport an occupant weighing more than 200 lb on stairs with a minimum of two trained operators.
- Always lock the lift handles in position before you use the lift handles to lift the chair.

Note - If you require more people to safely control the chair, see *Positioning operators and helpers* (page 17) for the proper positioning of each helper.

1. Roll the chair to the bottom of the stairs with the occupant's back to the stairs.
2. Foot end operator: Push the red release buttons to extend the foot end lift handles and pull the handles out until they stop. Release the buttons to lock the handles.

3. Head end operator: Unfold the head end lift handles.

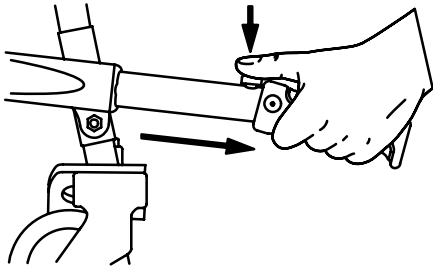


Figure 14 – Foot end lift handles

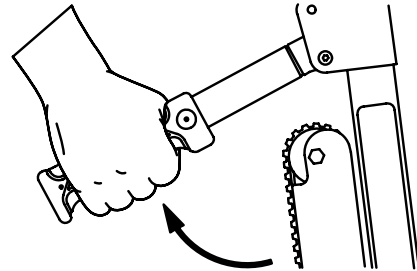


Figure 15 – Head end lift handles

4. Foot end operator: Face up the stairs.
5. Head end operator: Face backward to better monitor the occupant or forward for a better view of the stairs and to maneuver around obstacles.

Note - Although the head end operator can face either direction while lifting and carrying, always follow any applicable protocols when you carry the chair.

6. Both operators: Lift the chair together. Use the head end lift handles and foot end lift handles. Follow *Proper lifting techniques* (page 12). Avoiding any obstructions, carry the chair slowly up the stairs.

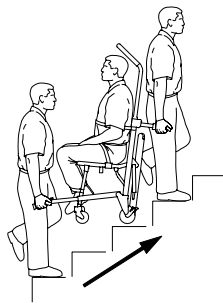


Figure 16 – Transporting up the stairs

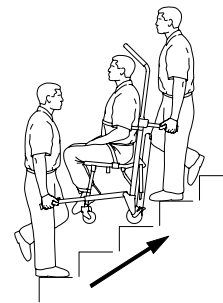


Figure 17 – Transporting up the stairs

Applying or releasing a wheel lock

WARNING

- Do not apply a wheel lock when an occupant is on the product or when you move the product to avoid the risk of tipping.
 - Do not leave an occupant unattended. Hold the product while an occupant is on the product.
 - Do not install or apply a wheel lock on a product with worn wheels that are less than 5 in. diameter.
-

To apply a wheel lock (C), press down on the pedal until it stops and rests against the surface of the wheel (Figure 18).

To release a wheel lock (C), press down on the top of the pedal with your foot or lift up on the pedal with your toe (Figure 18). The top of the pedal will rest against the caster frame when you release the wheel lock.

Note - Wheel locks help prevent the product from rolling while unattended. Wheel locks may not provide sufficient resistance on all surfaces or under loads.

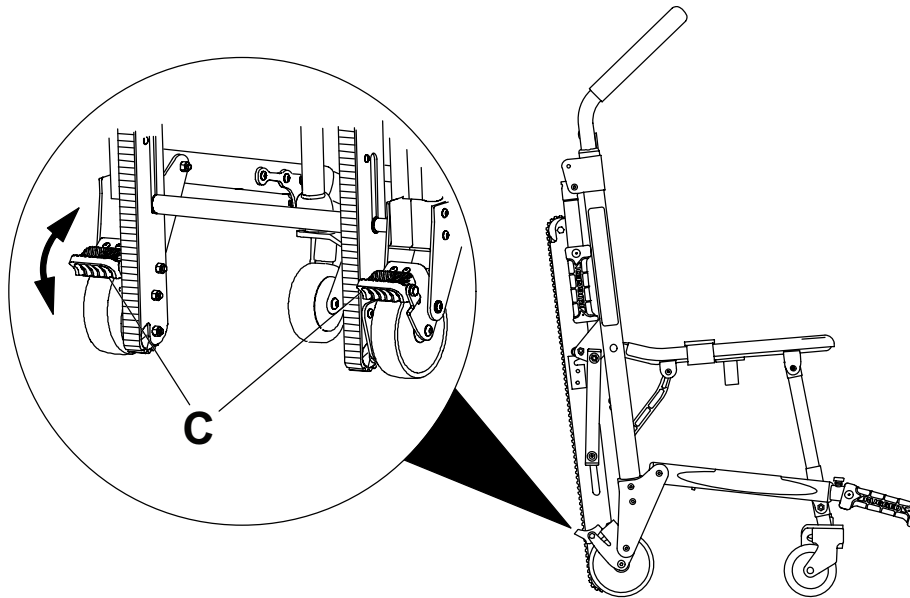


Figure 18 – Wheel locks

Attaching the optional head support to the upper control handle

WARNING - Do not use the chair with suspected cervical, spinal, or fracture injuries.

To attach the head support strap to the extendable upper control handle:

1. Wrap the loose ends of the strap around the vertical portions of the handle, then feed them through the plastic loops.
2. Pull tight and secure the strap to itself.
3. Adjust the height by loosening the strap, moving it to the desired location, and tightening again.

Supporting the occupant's head with the optional head support

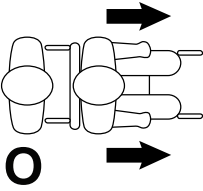
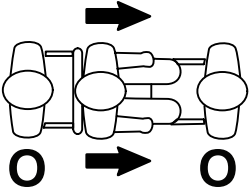
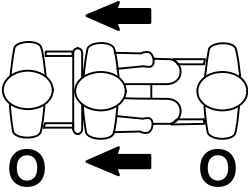
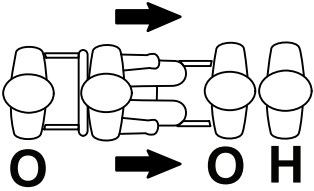
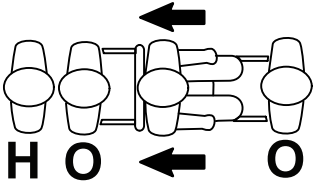
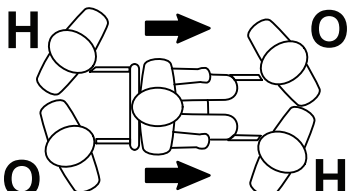
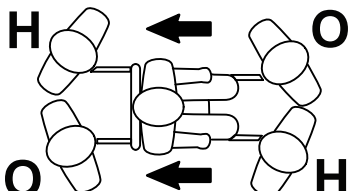
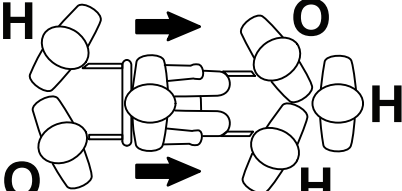
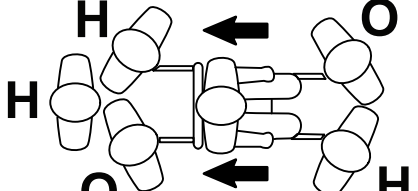
To support the occupant's head with the head support:

1. Extend the upper control handle.
2. Pull the red upper control handle release cable with one hand.
3. Pull up on the handle with your other hand.
4. Release the cable. Make sure that the handle is locked into one of the two available positions.
5. Attach the head support (*Attaching the optional head support to the upper control handle (page 17)*).
6. Position the head support at the base of the occupant's head to support the head.
7. For unconscious, or semiconscious occupants, secure the head with the other two parts of the strap.
8. Wrap the head support around the occupant's head. Overlap the strap ends to the desired tightness to secure.

When not in use, wrap the strap ends around the handle and attach the strap to the back of the head support.

Positioning operators and helpers

WARNING - Always transport an occupant weighing more than 200 lb on stairs with a minimum of two trained operators.

	Down stairs	Up stairs
One operator		
Two operators		
Two operators One helper		
Two operators Two helpers		
Two operators Three helpers		

Installing the optional wall storage bracket

Note - The footrest option (6254-029-000) is not compatible with the optional wall storage bracket (6254-050-000).

To install the optional wall storage bracket:

1. Use the bracket as a template to mark the mounting holes location at the area where you will install the wall brackets. Consider the dimensions of the chair when you select and mark the location. The approximate height of the bracket from the floor should be 60 inches.
2. Using fasteners (not supplied) appropriate for the wall type, use at least four mounting holes to install the bracket.
3. Hang the chair from the bracket using the upper control handle.

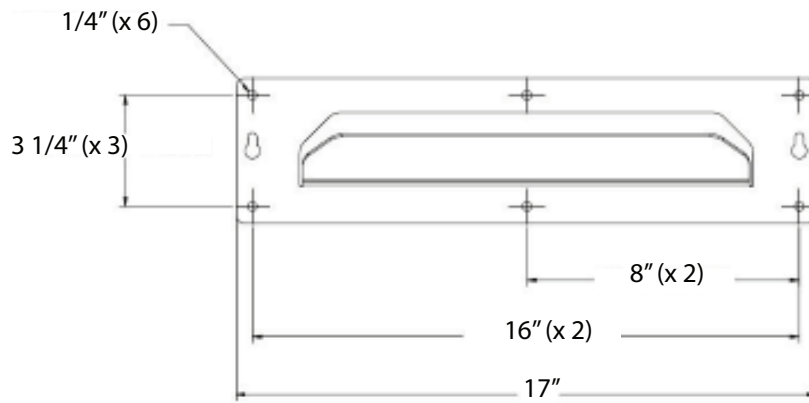


Figure 19 – Storage bracket dimensions

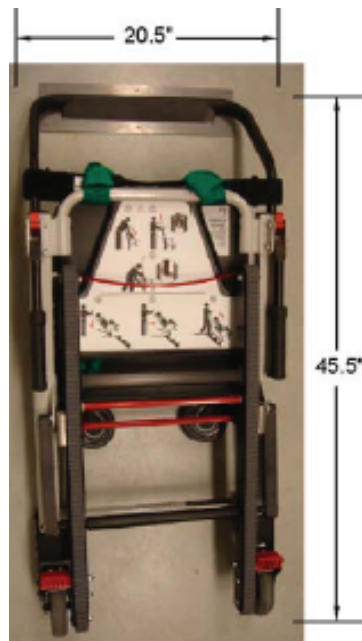


Figure 20 – Chair stored on the bracket

Installing the optional cabinet

To install the optional cabinet:

1. Use the cabinet as a template to mark the mounting holes location at the area where you will install the cabinet. Consider the dimensions of the cabinet when you select and mark the location. The approximate height of the bottom of the cabinet to the floor should be at least 12 inches.
2. Using fasteners (not supplied) appropriate for the wall type, use at least four mounting holes to install the cabinet.
3. Hang the chair from the bracket using the upper control handle.

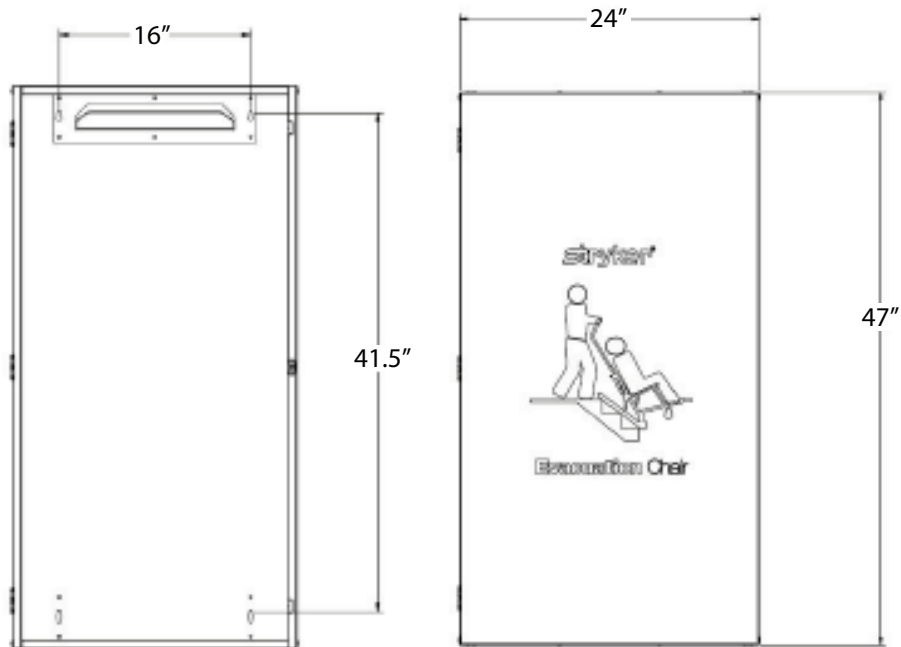


Figure 21 – Cabinet dimensions

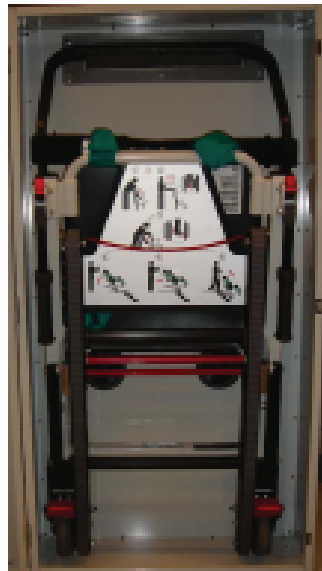


Figure 22 – Chair stored in the cabinet

Installing the optional cover

Note

- For ease of installation, hang the chair on the storage bracket before you install the cover.
- The footrest option (6254-029-000) is not compatible with the optional cover (6254-055-000).

To install the optional vinyl cover:

1. Slip the bottom pocket over the wheels.
2. Wrap the side flaps around the chair frame.
3. Pull the top flap down between the bars of the upper control handle and over the head support strap.

4. Attach the **Velcro**® strips.
5. Attach the red handle strip to the **Velcro** on the front of the cover.

Removing the optional cover

To remove the optional vinyl cover:

1. Pull the red handle strip.
2. Allow the cover to drop off the chair.



Figure 23 – Slip the bottom pocket over the wheels



Figure 24 – Cover installed on the chair

Installing the elastic oxygen bottle holder

WARNING

- Always secure all tubes, regulators, and accessories for the oxygen bottle to prevent interference with the tracks, wheels, or other mechanisms of the chair.
 - Always clean or dispose of contaminated chair components to avoid risk of exposure to bloodborne pathogens and injury to the occupant or operator.
-

CAUTION

- The elastic oxygen bottle holder is for use only with Stryker Evacuation Chairs and **Stair-PRO**® Stair Chairs. Use only D-size oxygen bottles with the elastic oxygen bottle holder.
 - Always properly secure the oxygen bottle and oxygen bottle accessories so they do not interfere with the operation of the chair.
 - Always secure the oxygen bottle to the elastic oxygen bottle holder using the red **Velcro** strap.
 - Always secure the oxygen bottle in the elastic oxygen bottle holder and that the regulator valve of the oxygen bottle does not protrude from the width of the chair.
 - Always remove the oxygen bottle from the elastic oxygen bottle holder before you attempt to fold or store the chair.
-

1. Make sure that the chair is in the open position before you install the elastic oxygen bottle holder.

2. Place the elastic oxygen bottle holder between the two extension handle tubes under the seat.
3. Insert each of the four **Velcro** straps through the plastic buckles.
4. Pull down on the straps so they are tight before you secure the **Velcro**.
5. Pull up on the red handle and slide the D-size oxygen bottle into the elastic oxygen bottle holder.

Note

- Make sure that you slide the bottom end of the oxygen bottle in first.
 - When you attach the elastic oxygen bottle holder, make sure that the weight capacity of the chair is visible.
6. Thread the red strap through the red handle. When the red strap is not in use, you can attach the red strap to the bottom of the elastic oxygen bottle holder.
 7. Pull the red **Velcro** strap down until tight and secure around the oxygen bottle.

Accessories and parts

These accessories may be available for use with your product. Confirm availability for your configuration or region. Call Stryker Customer Service: 1-800-327-0770.

Name	Number
Belt, track (standard) option	6254-065-000
Belt, track (aggressive) option	6254-070-000
Bracket, chair wall storage option	6254-050-000
Cabinet, alarm option	6254-045-000
Cabinet, chair wall storage option	6254-002-000
Cover, chair storage option	6254-055-000
Footrest option	6254-029-000
Oxygen bottle holder option, elastic	6250-140-080
Locking lift handles option, rear	6250-031-000

Cleaning

WARNING - Always use any appropriate personal protective equipment while power washing to avoid inhaling contagion. Power washing equipment may aerate contamination.

CAUTION

- Do not steam clean or ultrasonically clean the product.
 - Do not exceed 180 °F (82 °C) as the maximum water temperature.
 - Do not exceed 1500 psi (130.5 bar) as the maximum water pressure. If you are using a hand held wand to wash the product, keep the pressure nozzle at a minimum of 24 in. (61 cm) from the product.
 - Always allow to air dry.
 - Do not clean, service, or perform maintenance while the product is in use.
-

The product is power washable. The product may show some signs of oxidation or discoloration from continuous washing. No degradation of the product's performance will occur from power washing as long as you follow the proper procedures.

- Follow the cleaning solution manufacturer's dilution recommendations exactly.
- The preferred method Stryker Medical recommends for power washing the product is with the standard hospital surgical cart washer or hand held wand unit.
- Clean **Velcro** after each use. Saturate **Velcro** with disinfectant and allow disinfectant to evaporate. Appropriate disinfectant for nylon **Velcro** should be determined by the service.
- Immersing restraint strap metal buckles can cause buckle corrosion and is not recommended. Rinse with clean water and allow to air dry to reduce chance of corrosion. Replace restraints if metal buckles are corroded.
- The elastic oxygen bottle holder is made with high quality woven elastic. Make sure that you clean the elastic oxygen bottle holder regularly.
- Direct skin contact with visibly soiled, permeable material may increase the risk of infection.

Cleaning the track frame

If a foreign material gets between the **Stair-TREAD** system belt and track frame, you must clean the track frame.

To clean the track frame:

1. Loosen the track belts.
2. Remove the rear wheels.
3. Clean the track frame with rubbing alcohol.
4. Use water at high pressure to rinse the belts. Clean both the inside and outside belt surfaces.
5. Allow the belts to completely dry.
6. Reassemble the track belts and the rear wheels.
7. Following the appropriate warnings and cautions, test the performance of the chair with a simulated occupant weight while you descend a flight of stairs.

If performance does not return to the original conditions, you may need to recondition or replace the belts.

Suggested cleaners

In general, when used in concentrations recommended by the manufacturer, either phenolic type or quaternary (excluding **Virex**® TB) type disinfectants can be used. Iodophor type disinfectants are not recommended for use because staining may occur.

Suggested cleaners include:

- Quaternary cleaners (active ingredient - ammonium chloride)

- Phenolic cleaners (active ingredient - o-phenylphenol)
- Chlorinated bleach solution (5.25% - less than 1 part bleach to 100 parts water)

Avoid oversaturation. Do not allow the product to stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.

Note

- Failure to follow the above directions when using these types of cleaners may void this product's warranty.
- Always wipe the product with clean water and dry after cleaning. Some cleaning products are corrosive in nature and may cause damage to the product. Failure to properly rinse and dry the product leaves a corrosive residue on the surface of the product and may cause premature corrosion of critical components.

Preventive maintenance

Remove product from service before you perform the preventive maintenance inspection. Check all items listed during annual preventive maintenance for all Stryker Medical products. You may need to perform preventive maintenance checks more often based on your level of product usage. Service only by qualified personnel.

Note - Clean and disinfect the exterior of the support surface before inspection, if applicable.

Operation	Schedule	Procedure
Cleaning and disinfecting	Each use	See <i>Cleaning</i> in the Operations Manual
Inspection	Inspect chair every 6 months	See below for checklist
Stair-TREAD system belt reconditioning	After usage on approximately 500 flights of stairs or if the Stair-TREAD system performance is sluggish	See <i>Track belt reconditioning</i> in the Maintenance Manual

Inspect the following items:

- _____ All fasteners secure (reference all assembly drawings)
- _____ All welds intact, not cracked or broken
- _____ No bent or broken tubing or sheet metal
- _____ No debris in wheels
- _____ All wheels secure and rolling
- _____ Front casters secure, rolling, and swiveling (if equipped)
- _____ Wheel locks hold wheels securely when on and clear the wheels when off
- _____ Chair unfolds and locks properly
- _____ No rips or cracks in seat or backrest
- _____ Restraint straps intact and working
- _____ Foot end carrying handles extend and lock in place
- _____ Head end carrying handles fold and unfold
- _____ Upper control handle extends and locks in all positions
- _____ **Stair-TREAD** system mechanism unfolds and locks in place (if equipped)
- _____ **Stair-TREAD** system belt rolls (if equipped)
- _____ **Stair-TREAD** system belt inner cords not showing; replace if necessary (if equipped)
- _____ **Stair-TREAD** system performs as desired; recondition belts if necessary (if equipped)
- _____ No lubricants present on the **Stair-TREAD** system belts or the track frame surfaces

____ Upper release handle cable not worn or frayed; replace if necessary

____ Optional accessories and parts intact and operating properly

Product serial number:
Completed by:
Date:

stryker



Stryker Medical
3800 E. Centre Avenue
Portage, MI 49002
USA