

## Stair-PRO Stair Chair

### Operations Manual

REF 6251

REF 6252























# Global symbol glossary

See the Global Symbol Glossary at [ifu.stryker.com](http://ifu.stryker.com) for symbol definitions.

## Symbols

	Consult instructions for use
	General warning
	Caution
	CE mark
	UK Conformity Assessment mark
	Importer
	Unique device identifier
	Authorized representative in the European Community
	Authorized representative in Switzerland
	European medical device
	Catalogue number
	Lot (batch) code
	Serial number
	Quantity
	For US Patents see <a href="http://www.stryker.com/patents">www.stryker.com/patents</a>
	Manufacturer
	Date of manufacture
	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.

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### 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 that the operators must support.
- Do not attempt to transport occupant loads greater than what you can safely lift.
- Always clear any obstacles that may interfere and cause injury to the operator or occupant before you operate the product.
- Always make sure that the chair is locked in the unfolded position before use. An unlocked chair may fold during use.
- Do not use the chair with suspected cervical, spinal, or fracture injuries.
- Do not leave an occupant unattended. Hold the product while an occupant is on the product.
- Do not push the Model 6252 with the upper control handle in the fully extended position. Pushing the chair with the handle in the fully extended position may cause the chair to tip when you encounter obstacles.
- Always transport the occupant 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 lock the Model 6252 **Stair-TREAD** system in position before you transport an occupant.
- Always clean and dry the **Stair-TREAD** system before you transport an occupant.
- Do not install or apply a wheel lock on a product with worn wheels that are less than 6 in. diameter.
- Always lock the lift handles in position before you use the handles to tip the chair back.
- 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.

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### 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 use caution when you use casters. Casters are not suitable for all surfaces.
  - 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 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 hook and loop 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 (103.4 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.
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# 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.

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## 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 Model 6251 and Model 6252 **Stair-PRO** stair chair is a manual transport device. The product supports and transports the body of a human occupant in a seated position up or down a set of stairs. The chair holds adult, adolescent, or child occupants who can remain seated in the chair and secured by restraint straps. The **Stair-TREAD** system on Model 6252 controls the speed of descent of the occupant-loaded chair. Front and rear wheels allow operators to transport the occupant on flat surfaces.

## Indications for use

The Model 6251 and Model 6252 **Stair-PRO** stair chair supports and transports the body of a human occupant in a seated position up or down a set of stairs. The product is intended for use in pre-hospital environments, in emergency and non-emergency applications. The product supports a maximum capacity of 500 lb. Operate the product by trained professionals only. This includes emergency medical service and medical first responders.

## Clinical benefits

Transport occupants up and/or down stairs

## Contraindications

Do not use the **Stair-PRO** stair chair to transport occupants who may have cervical, spinal, or fracture injuries.

## Expected service life


The **Stair-PRO** stair 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.



## Specifications

Model	6251		6252	
 Safe working load <sup>1</sup>	500 lb	228 kg	500 lb	228 kg
Height	36 in.	91 cm	37.5 in.	95.25 cm
Width	20.5 in.	52 cm	20.5 in.	52 cm
Depth <sup>2</sup>	28 in.	71 cm	28 in.	71 cm
Folded depth	8 in.	20 cm	8 in.	20 cm
Weight <sup>3</sup>	23 lb	10 kg	32.8 lb	14.9 kg

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

Model 6252 is compliant to BS EN 1865-4:2010 standard with the one-piece vinyl seat option (6250-020-000) and without the footrest option (6252-027-000).

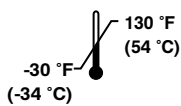
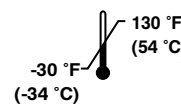

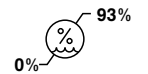
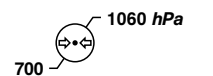
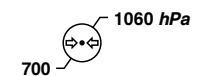
<sup>1</sup> Safe working load capacity is total weight distributed in accordance to basic human anatomy. Operators must consider the weight of the occupant, equipment, and accessories when they determine the total load on the product.

<sup>2</sup> Depth dimensions are measured with extendable handles retracted.

<sup>3</sup> The weight of the Model 6252 includes the one-piece vinyl seat option, but does not include the footrest option.

Stryker reserves the right to change specifications without notice.

The yellow and black color scheme is a proprietary trademark of Stryker Corporation.

Environmental conditions	Operation	Storage and transportation
Temperature		
Relative humidity		
Atmospheric pressure		

## Product illustration

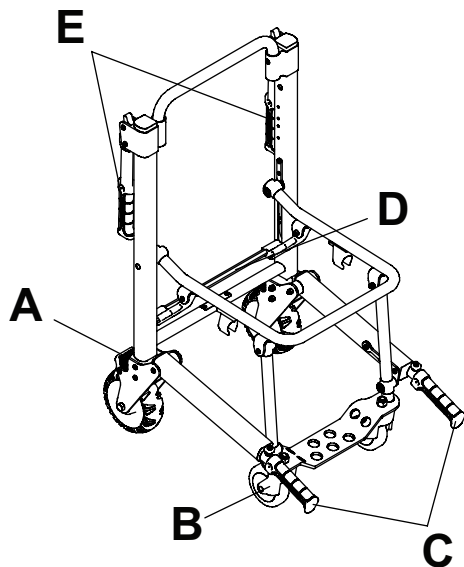


Figure 1 – Model 6251

A	Wheel lock
B	Caster
C	Foot end lift handle
D	Lock bar
E	Head end lift handle

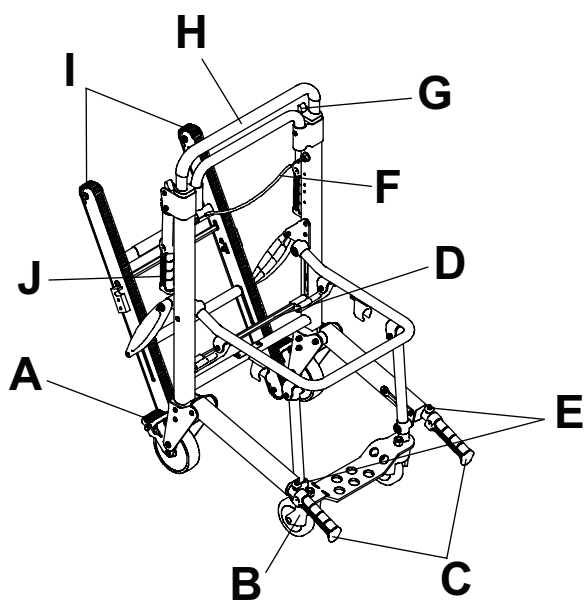


Figure 2 – Model 6252

A	Wheel lock
B	Caster
C	Foot end lift handle
D	Lock bar
E	Foot end lift handle button
F	Upper control handle release cable
G	Lift handle release lever
H	Upper control handle
I	<b>Stair-TREAD system</b>
J	Head end lift handle

## Contact information

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

Stryker Medical  
3800 E. Centre Avenue

Portage, MI 49002

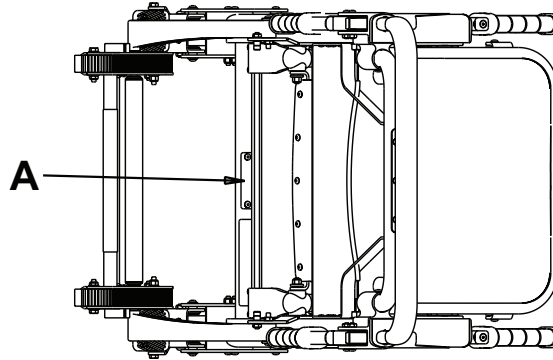
USA

**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 date of manufacture is the first four digits of the serial number.

YYMM (YY = year and MM = month)

# 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.

The vehicle patient compartment where the product will be used must be large enough to accommodate the folded dimensions of the product.

When necessary, modify the vehicle to fit the product. Do not modify the product.

# Operation

## Operating guidelines

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### 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 that the operators must support.
  - Do not attempt to transport occupant loads greater than what you can safely lift.
  - Always clear any obstacles that may interfere and cause injury to the operator or occupant before you operate the product.
- 
- Operate the product only as described in this manual.
  - Read all labels and instructions on the product before use.
  - Always operate the chair on stairs with a minimum of two trained operators.
  - 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.
  - Always use all restraint straps to secure the occupant on the product. An unrestrained occupant may fall from the product and be injured.
  - Use trained helpers to control the product, when necessary.

## Unfolding the chair

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**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 3).
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.

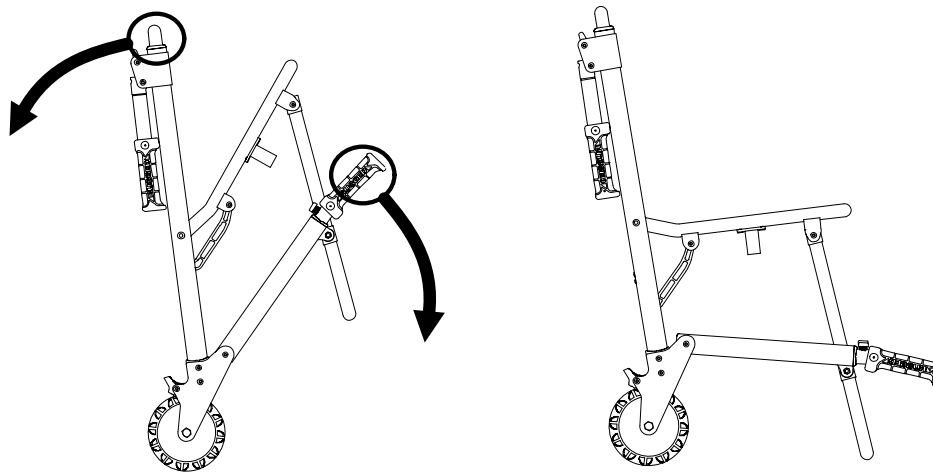


Figure 3 – Unfolding the chair

## Folding the chair

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

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To fold the chair:

1. Apply the wheel locks.
2. Buckle the restraint straps. Fold the straps to prevent them from interfering.
3. Stand at the side of the chair.
4. Pull up on the red lock bar (A) at the rear of the chair (Figure 4).
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** - If applicable, rotate the front casters, so they do not interfere when you fold the chair.

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

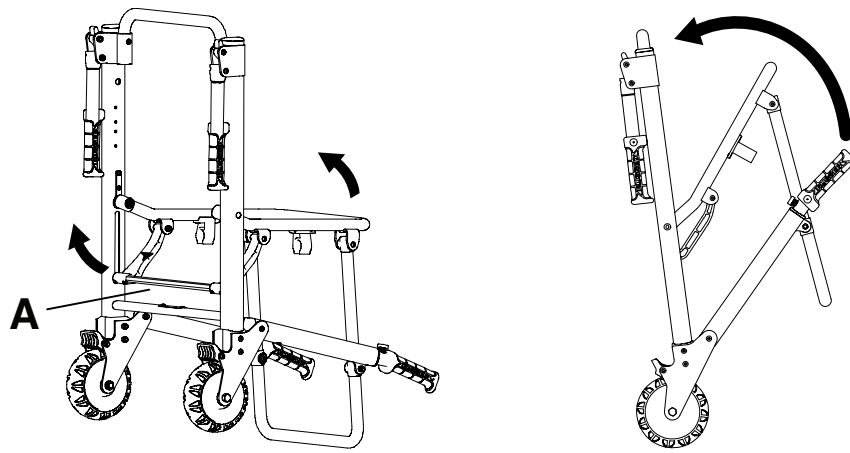


Figure 4 – Folding the chair

## Transferring the occupant to the chair

### WARNING

- Do not use the chair with suspected cervical, spinal, or fracture injuries.
- Do not leave an occupant unattended. Hold the product while an occupant is on the product.

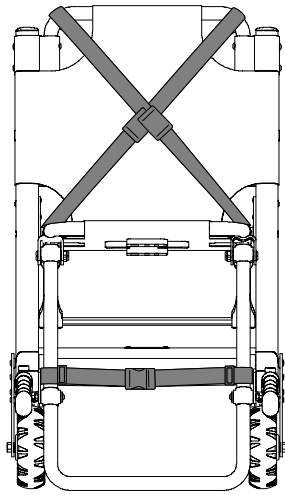
To transfer the occupant to the product:

1. Place the product beside the occupant.
2. Apply the wheel locks to stop the product from moving.
3. Open the restraint straps.
4. Transfer the occupant to the product by using accepted EMS procedures.
5. Secure the occupant to the product with all of the restraint straps.
6. Release the wheel locks before you transport the product.

## Securing the occupant with the restraint straps

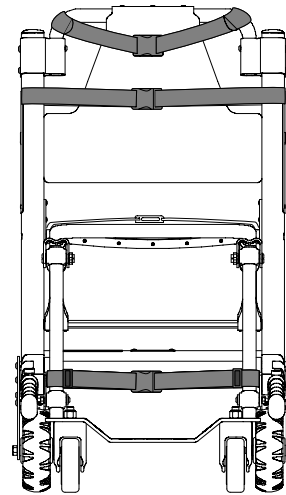
You can use the restraint straps in two configurations.

**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 5 – Cross-chest configuration**

Buckle the chest restraint straps in an X pattern across the occupant's chest.



**Figure 6 – Chest and lap configuration**

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

For both configurations, match up the color coded restraint straps, and then buckle the ankle restraint strap across the occupant's legs.

Secure restraint straps to the product in the required attachment locations (Figure 5 or Figure 6). 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 it at an angle to the webbing, then pull it out. A hemmed tab at the end of the webbing prevents the latch plate from coming off of the 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

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**WARNING** - Do not push the Model 6252 with the upper control handle in the fully extended position. Pushing the chair with the handle in the fully extended position may cause the chair to tip when you encounter obstacles.

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**CAUTION** - Always use caution when you use casters. Casters are not suitable for all surfaces.

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To transport the occupant on flat surfaces:

1. Push and guide the chair with the head end lift handles or the backrest tube.
2. Lift the chair over and around obstructions with the head end and foot end lift handles.

## Transporting the occupant down stairs - Model 6251

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### WARNING

- Always transport the occupant 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.
- 

To transfer the occupant down stairs:

1. Foot end operator: Position yourself in front of the chair.
2. Head end operator: Align yourself with the stairs.
3. Foot end operator: Push each red foot end lift handle button and pull out each handle until it stops. Release the button to lock the handle into position.
4. Head end operator: Unfold the head end lift handles and face down the stairs.
5. Foot end operator: Face backward for better occupant monitoring 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.

- Both operators - Lift the chair together. Use the head end lift handles and foot end lift handles. Follow *Proper lifting techniques* (page 13). Avoiding any obstructions, carry the chair slowly down the stairs.

## Transporting the occupant down stairs - Model 6252

---

### WARNING

- Always transport the occupant 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 lock the Model 6252 **Stair-TREAD** system in position before you transport an occupant.
  - 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 that 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.

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To transport the occupant down stairs:

- Roll the chair to the stairs and align it with the edge of the first step.
- 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.
- Head end operator: Use one hand to pull the red upper control handle release cable. 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.
- Head end operator: 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 of the **Stair-TREAD** system are locked by trying to fold it back up.
- Operators face each other while you descend the stairs.
- Head end operator: Tilt the chair back just far enough to allow the **Stair-TREAD** system to contact the floor.
- 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.
- Both operators - Glide down the stairs until the treads are level across the edges of two or three steps.
- 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.
- Foot end operator: when the track reaches the last step, release the front handles. Head end operator: allow the chair to tip forward until all four wheels are on the ground. Roll the chair, see *Transporting the occupant on flat surfaces* (page 13).
- 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.

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. 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

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### WARNING

- Always transport the occupant 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.
- 

To transport the occupant up stairs:

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.
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 13). Avoiding any obstructions, carry the chair slowly down the stairs.

## Applying or releasing a wheel lock

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### 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 install or apply a wheel lock on a product with worn wheels that are less than 6 in. diameter.
  - Do not leave an occupant unattended. Hold the product while an occupant is on the product.
- 

To apply a wheel lock, press down on the pedal until the pedal stops and rests against the surface of the wheel.

To release a wheel lock, press down on the top of the pedal with your foot or lift up on the pedal with your toe. 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, slopes, or under loads.

## Raising or lowering the locking rear lift handles

You can use the locking rear lift handles to tip the chair back.

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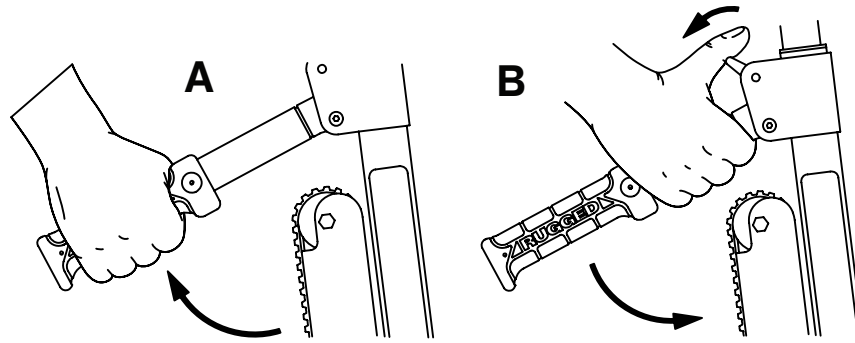
**WARNING** - Always lock the lift handles in position before you use the handles to tip the chair back.

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To raise the locking rear lift handles, rotate the handles up until they lock in position.

To lower the locking rear lift handles:

1. Lift up on the locking rear lift handle (A) (Figure 7).
2. Pull the red handle trigger (B) toward you with your thumb.
3. Fold the locking rear lift handle down against the chair frame.



**Figure 7 – Lowering the locking rear lift handles**

## **Attaching the head support option to the upper control handle**

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**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. Loosen the strap to adjust the height, move the strap to the desired location, and tighten again.

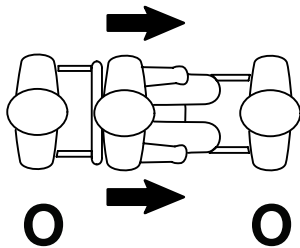
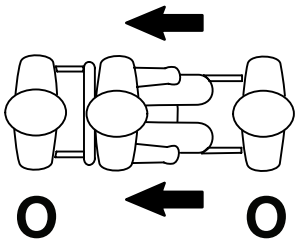
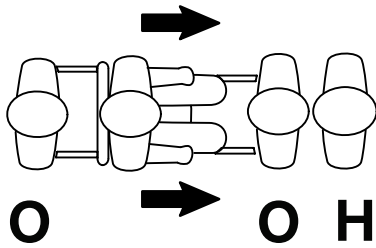
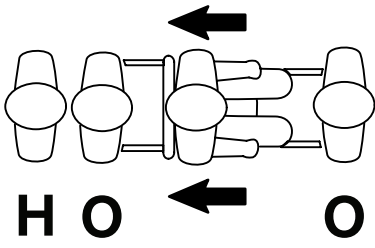
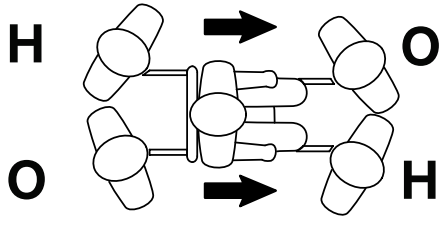
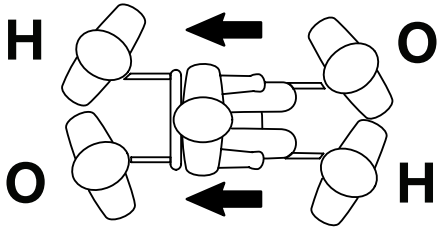
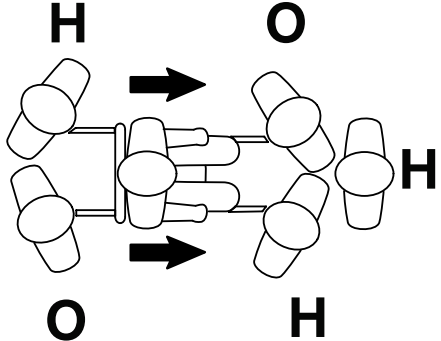
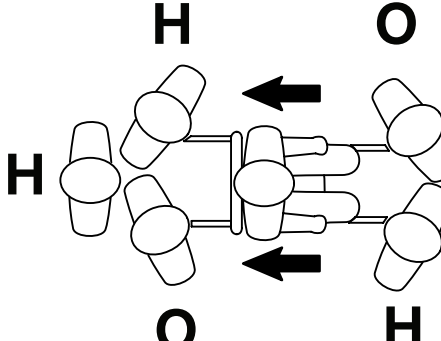
## **Supporting the occupant's head with the head support option**

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. See *Attaching the head support option to the upper control handle* (page 16).
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 for additional assistance

	Down stairs	Up stairs
Two operators (O)		
Two operators (O) One helper (H)		
Two operators (O) Two helpers (H)		
Two operators (O) Three helpers (H)		

## 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 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 hook and loop 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 hook and loop straps through the plastic buckles.
4. Pull down on the straps so they are tight before you secure the hook and loop.
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 hook and loop 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
Backrest, plastic	6250-001-116
Belt, track	6252-001-085
Cable, upper handle release	6252-001-016
Caster, front, 4" (Model 6251/6252)	6251-001-083
Handle grip	6250-001-089
Head support, vinyl	6252-001-140
Oxygen bottle holder, elastic	6250-140-080
Restraint, ankle	6250-001-127
Restraint, chest, black	6250-001-126
Restraint, chest, green	6250-001-125
Restraint set, polyester	6250-001-021
Restraint set, polypropylene	6250-001-022
Restraint set, vinyl	6250-001-019
Seat, two piece abs panel	6250-001-115
Seat, one piece vinyl	6250-001-135
Wheel, rear, 5" (Model 6252)	6252-001-114
Wheel, rear, 6" (Model 6251)	6060-002-010
Wheel lock pedal	6080-200-030

## Date of manufacture for medical device accessories

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

# 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	For 1-25 calls per month, inspect chair every 6 months	See checklist below
	For 26-200 calls per month, inspect chair every 3 months	
	For 201+ calls per month, inspect chair monthly	
<b>Stair-TREAD</b> system belt reconditioning (Model 6252)	After usage on approximately 500 flights of stairs or if the <b>Stair-TREAD</b> 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
- \_\_\_\_\_ No rips or cracks in seat or backrest
- \_\_\_\_\_ Restraint straps intact and works
- \_\_\_\_\_ 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 (Model 6252)
- \_\_\_\_\_ Accessories and parts are intact and operate



Product serial number:
Completed by:
Date:

# Cleaning and disinfecting with SideKick

For United States only. Confirm availability for your configuration or region. Call Stryker Customer Service: 1-800-327-0770.

Stryker's preferred 6" x 10" wipes (2060-000-001) include the following active ingredients:

- n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride - 0.154%
- n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride - 0.154%
- Isopropanol - 21.000%

Non-active ingredient: Ethylene Glycol Monobutyl Ether – < 3%

**Note** - For safety information, read the product label.

## To clean or disinfect the external product surface with SideKick wipe:

### To clean:

1. Wipe down the external product surface with a fresh, clean wipe to remove all visible soils.
2. Repeat as necessary until the external product surface is visibly clean.
3. Wipe dry with a cloth or allow the external product surface to air dry before you return the product to service.

**Note** - Use as many wipes as necessary.

### To disinfect:

1. Clean first.
2. Wipe down the external product surface with a fresh, clean wipe until wet.
3. Allow the external product surface to remain wet for two minutes at room temperature.
4. Wipe dry with a cloth or allow the external product surface to air dry before you return the product to service.

# Cleaning

---

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

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## 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 (103.4 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 the hook and loop straps after each use. Saturate the hook and loop straps with disinfectant and allow disinfectant to evaporate. Appropriate disinfectant for nylon hook and loop straps 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 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.





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