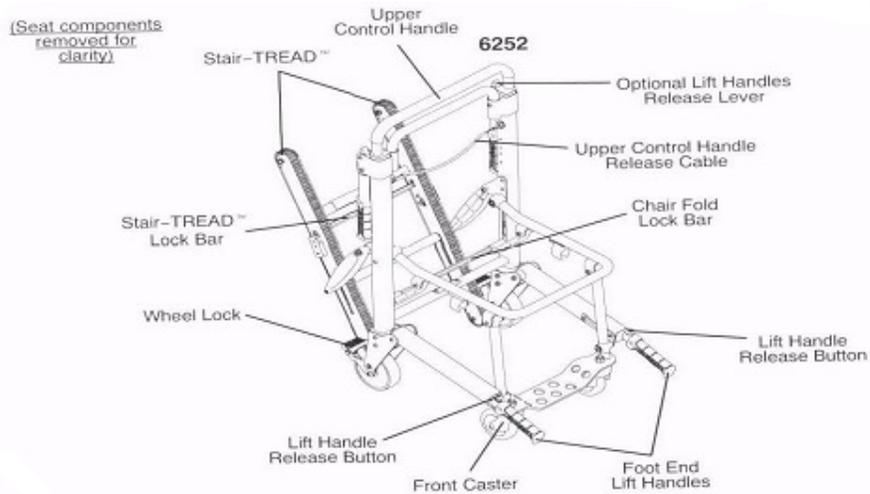


Operating Instructions

Stryker 'Rugged Stair-PRO Stair' Chair Model 6252 (SWL 35 stone – 227 kg – 500 lb)

Component Identification:

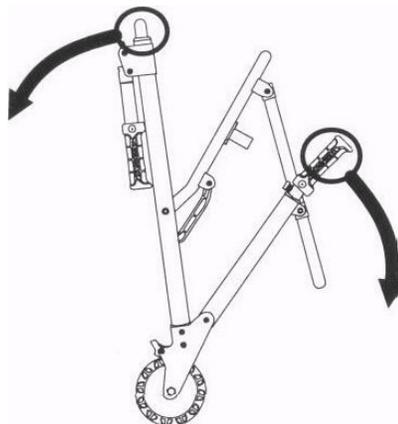


Operational Daily safety checks:

- 1) Framework intact
- 2) Wheels and castors free moving, swivel and not damaged
- 3) Wheel locks operating correctly
- 4) 'Stair Tread' unfolds and locks correctly
- 5) Track belts roll correctly and clear of debris
- 6) Laps belts intact and securely attached
- 7) No rips or cracks in seat or backrest
- 8) Upper and lower lift handles extend and lock in position
- 9) Upper control handle slides easily in and out of position
- 10) Upper control handle lock in position

To unfold the chair (Fig. 1)

- 1) Stand behind the chair
- 2) Apply the wheel locks (optional)
- 3) Pull the backrest and the lower extension handles apart
- 4) The automatic locking mechanism will engage when fully separated



WARNING

An unlocked chair can fold during use, causing injury to the patient or operator. Always make sure the chair is locked in the unfolded position before using

Fig.1

To fold the chair up: Figs. 2 & 3

- 1) Apply the wheel locks (optional).
- 2) Buckle the restraint straps and fold them neatly to prevent them from interfering with proper folding of the chair.
- 3) Stand at the side of the chair.
- 4) Pull up on the red lock bar at the rear of the chair. **Tip the** chair forward.
- 5) Fold the seat up to the backrest until the front legs lock in the clips on the bottom of the seat tube.

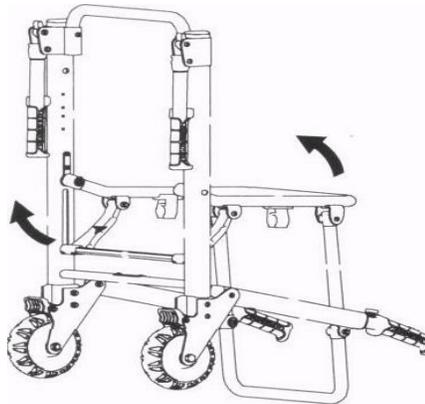


Fig. 2

NOTE

The front casters rotate so they don't interfere with folding the chair.

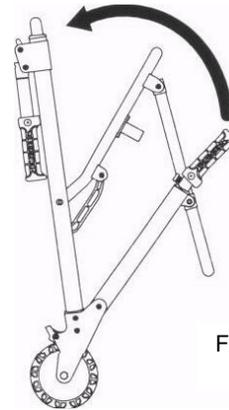


Fig. 3

Transferring the patient on and off the chair:

- 1) Place the chair beside the patient
- 2) Inform patient of intended actions
- 3) Apply the wheel locks to prevent the chair moving
- 4) Open the restraint straps
- 5) Transfer the patient to the chair using approved techniques
- 6) Secure patient using the restraint straps
- 7) Disengage wheel locks before attempting to transport

Note there are two sets of restraining straps one is applied across the chest with the other across the lap. To attach to the straps simply pass a strap around the frame and then pass the free end through the loop at the other end and then pull secure.

Transporting on Flat Surfaces Fig 4

Use the locking rear extending handles

The upper control can also be used in any position to role and guide the chair

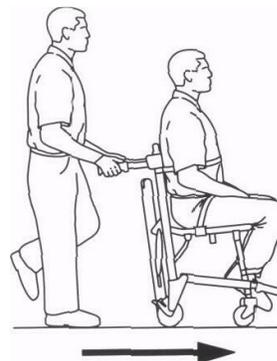


Fig.4

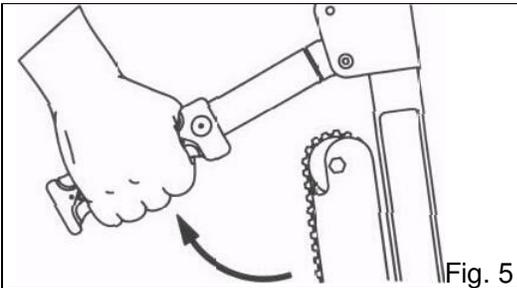


Fig. 5

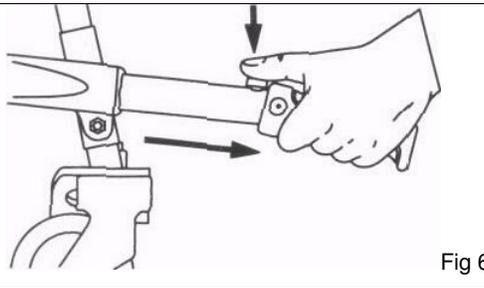


Fig 6

Operating head and foot end extending handles Figs. 5 & 6 (above)

Carrying the patient downstairs Fig. 7

Although the Stair-Pro is designed to eliminate the need to carry the patient down a flight of stairs there may be occasions when there is no alternative to lifting the patient down a limited number of steps unsuitable for the Stair-Treads in these situations the chair can be carried down using the four extending handles



Fig.7

Transporting the patient downstairs using the 'Stair Tread' Figs. 8,9

Warning;

Ensure all Stair tread and the lower lift handles are locked in place before starting the descent

To avoid injury, transporting the patient on stairs requires a *minimum* of two operators. More operators may be employed when handling a difficult situation

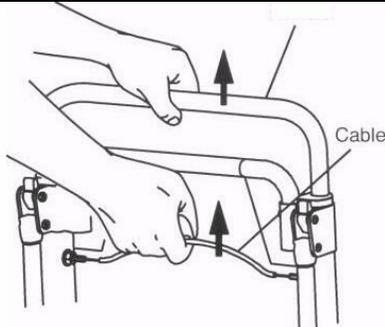


Fig. 8

Release the upper control handle by pulling on the release cable

Preparation:

- 1) Roll the chair the top of the stairs
- 2) Release control handle (HEO)
- 3) Release the Stair Tread (HEO)
- 4) Extend the lower lift handles (FEO)
- 5) Confirm all handles and track are locked in position before proceeding further

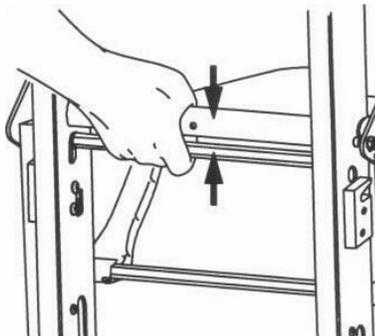


Fig 9

Squeeze the red track release bar to release the Stair-Tread

Steps: Fig. 10,11, 12, 13, 14

- 1) Roll the chair to the stairs and align it squarely with the **edge of** the first step with the operators facing each other
- 2) HEO tilts the chair back just far enough to allow the Stair-Tread to contact the floor
- 3) With the FEO holding the lower lifting handles – maintain the angle and guide the chair over the edge of the stairs allowing the Stair-Tread to engage the first step
- 4) Both operators - Glide the chair down the stairs until the treads are level across the edges of two or three steps.
- 5) HEO applies 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.
- 6) When the track reaches the last step, the FEO operator releases the front handles and the HEO operator allows the chair to tip forward until all four wheels are on the ground.
- 7) Roll the chair forward then fold the Stair-Tread up
- 8) **To fold the Stair-TREAD up** pull the red track release bar toward the black cross bar and fold the track up toward the chair.
- 9) Verify the Stair-TREAD is locked in place.

Additions

To avoid injury, and to aid proper operation of the Stair-TREAD, ensure the belts are clean and dry before transporting the patient.

The operators should never attempt to transport patient loads greater than what they can safely lift.

The Stair-TREAD™ system may not work the same on all stair surfaces and in all environmental conditions. Based on conditions, varying amounts of resistance may be encountered. Avoid getting dirt or other obstructions inside the tracks.

Release the red track release bar *before* clicking the Stair-TREAD into the locked position. Failure to follow this procedure could result in the track failing to lock. Always verify the Stair-TREAD is locked, by trying to fold it before descending stairs.

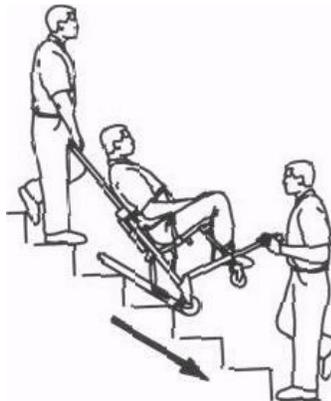
The heavier the patient more the automatic braking device is applied to reduce the speed the Stair-TREAD operates giving greater control to the operators



Tilting the chair prior to descent



Engaging the first step



Transporting down the stairs



Reaching the bottom of the stairs

Fig.10

Fig. 11

Fig. 12

Fig. 13

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 in the crook 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 engage the Stair-Tread



Fig. 14

Resting position

Carrying the patient upstairs: Figs. 15, 16

- 1) Roll the chair to the bottom of the stairs with the patient's back to the stairs.
- 2) FEO - extend the foot end lift handles by pushing the red buttons and pulling the handles until they stop. Release the button and verify the handle is locked.
- 3) HEO - unfold the head end lift handles.
- 4) The foot end operator faces up the stairs. The head end operator may either face backward for improved patient monitoring or forward for an improved view of the stairs and easier manoeuvring around obstacles.
- 5) Both operators - simultaneously lift the chair, using the head and foot end lift handles and following proper lifting techniques



Fig. 16



Fig. 17

NOTE

The head end operator can face either direction while carrying, the Stair-PRO
This only applies to ascending the stairs

The Stair Pro should be cleaned with the current EMAS Infection Control Policies

Version: 1.0

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