

stryker®



**Stair-PRO**  
stair chair

# Stair-PRO

## stair chair

MODEL 6252

Reduce the risk of injuries when on the stairs

### Stair-PRO is scientifically proven to reduce the risk of operator injury.

Independent ergonomic experts found Stair-PRO users had less physical stress and risk of back injury than operators of any of the six major competitive chairs\*. The operator position, adjustability of handles, angle of the track and the built-in descent control made Stair-PRO the safest chair in its product category.

- **Extendable head and foot end lift handles support proper ergonomic lifting technique**
- **Good line of vision and personal space between operators and patient**
- **Positive locking for security and rigidity**
- **Molded handgrips for better control**
- **Thick wall, square channel aluminum frame for high strength and light weight**
- **Durable powder coated finish eliminates oxidation and facilitates easy decontamination – power washable**
- **Folds to compact size for convenient storage**

#### Extendable Foot End Lift Handles

Scientifically proven design to specific length and location that supports ergonomic lifting technique.



#### Four-Inch Front Caster Wheels

Enable wheelchair-like mobility and maximize maneuverability in tight spaces.

#### Upper Control Handle

Extends to be ergonomically positioned for optimal operator control.

#### Durable Powder Coated Frame

Eliminates oxidation and facilitates easy decontamination.

#### Contoured ABS Seat

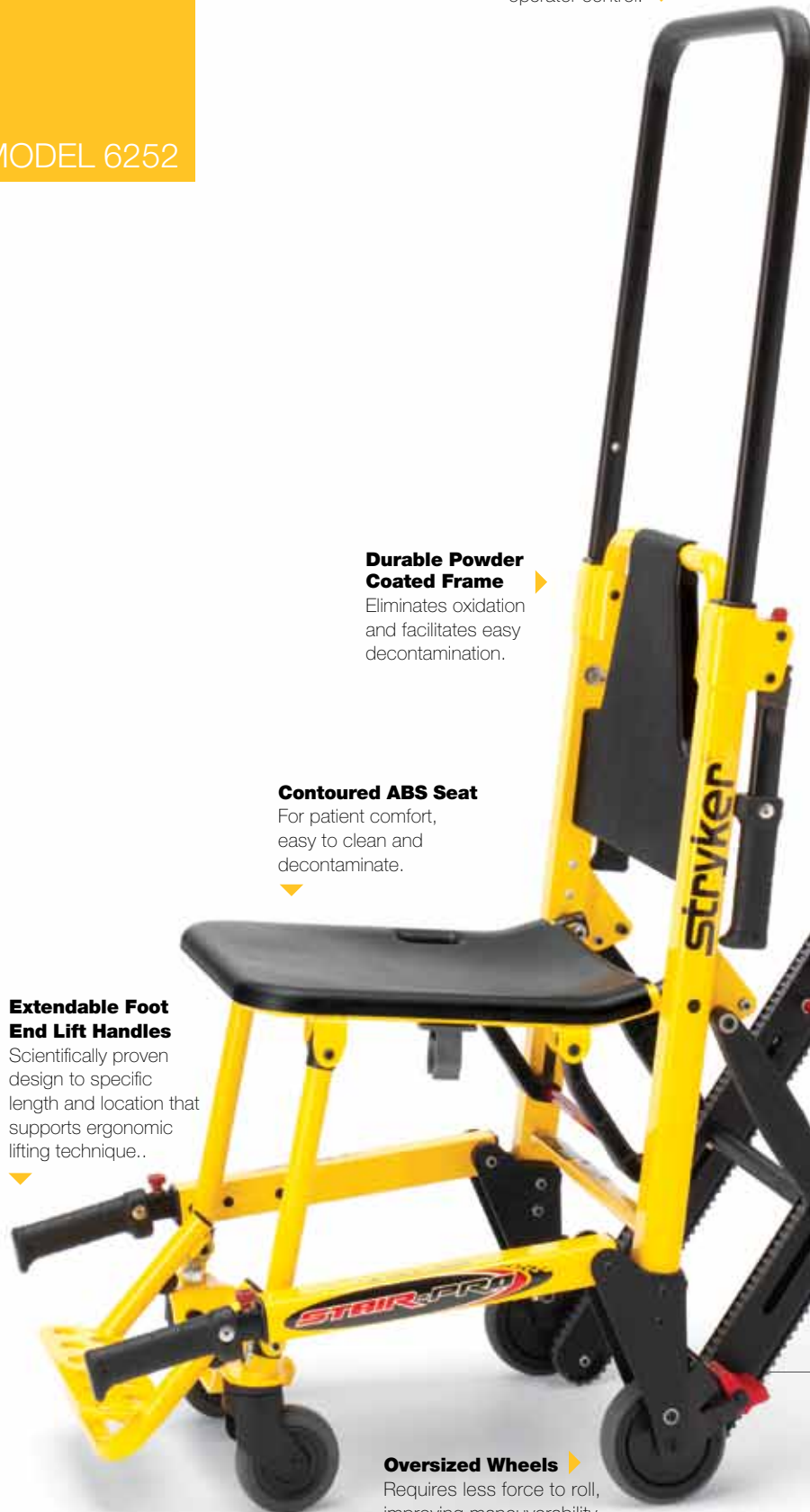
For patient comfort, easy to clean and decontaminate.

#### Oversized Wheels

Requires less force to roll, improving maneuverability over rough terrain.

#### Dual Wheel Locks

Stable patient transfer.





**Handle length and placement designed for up and down stair mobility.**

◀ **Locking Rear Lift Handles**  
Length and placement optimized for up-stair mobility.

◀ **Molded Hand Grips**  
Added security.



◀ **Innovative Stair-TREAD System**  
Allows operator to control movement down stairs without lifting and reduces your risk of lower back disorder. The dual treads, made with Kevlar®, stand up to tough use and assist descent.



**Compact Storage Size** ▲  
Folds to 8 inches for convenient storage.

**227 kg**  
capacity



**Model 6250**  
227 kg capacity

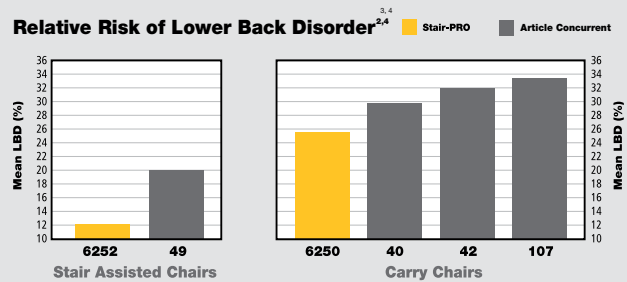
Rugged, dependable, lightweight, stores in existing vehicle compartments.



**Model 6251**  
227 kg capacity

Front caster wheels add wheelchair-like mobility in tight spaces.

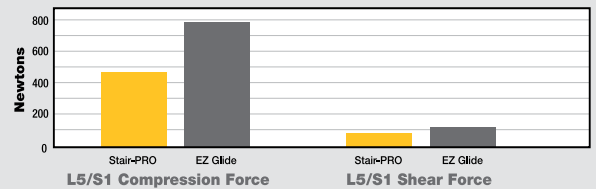
**Stair-PRO has been scientifically tested and proven to reduce the risk of lower back disorder.**



**Result**

The Stair-PRO model 6252 was found to reduce the relative risk of lower back disorder significantly as compared to all other models tested.<sup>3</sup>

**Comparing tracked chairs, Stair-PRO reduces L5 and S1 compression and shear forces by approximately 40 percent compared to EZ Glide®**



**Result**

Subtle differences in product design can have a measurable impact on product efficacy.

**Optional Features**



**1 Foot Support**

- Provides the patient greater comfort and a sense of security
- Stair chair folds to same convenient storage size
- Innovative tip safety guard feature prevents the Stair-PRO from tipping when stepped on



**2 O<sub>2</sub> Holder**

- Quick attachment straps
- Secure, protected and out of the way
- Easily accessible



**3 IV Clip**

- Supports IV bags weighing up to 10 pounds
- Remains on Stair-PRO chair — no need to search for separate pole
- Velcro® tube manager prevents IV tube from tangling

## Stair-PRO Specifications<sup>1</sup>

Models	6250	6251	6252
<b>Height</b>	36 in. (91 cm)	36 in. (91 cm)	37.5 in. (95 cm)
<b>Width</b>	20.5 in. (52 cm)	20.5 in. (52 cm)	20.5 in. (52 cm)
<b>Depth<sup>2</sup></b>	28 in. (71 cm)	28 in. (71 cm)	28 in. (71 cm)
<b>Folded Depth</b>	8 in. (20 cm)	8 in. (20 cm)	8 in. (20 cm)
<b>Weight</b>	20 lb. (9 kg)	23 lb. (10 kg)	31.5 lb. (14 kg)
<b>Maximum Load<sup>3</sup></b>	500 lb. (227 kg)	500 lb. (227 kg)	500 lb. (227 kg)

<sup>1</sup>Dimensions are measured from the outermost edges of the main frame. Specifications are rounded to the nearest whole number. Conversions are calculated before rounding.

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

<sup>3</sup>Maximum load capacity is total weight distributed in accordance to basic human anatomy. EMTs must consider the weight of the patient, equipment and accessories when determining the total weight on the product.

<sup>4</sup>Patient restraint set includes two cross-chest restraints and one ankle restraint. Cross-chest restraints can also be used in a chest and lap restraint configuration.

In-service video included with every order.

Stryker reserves the right to change specifications without notice.

## References

1. Hogle, P.T., and L. Ellis. 1990. Evaluation of the Injury Profile of Personnel in a Busy Urban EMS System. *Journal of Emergency Medicine*. 8:308 – 311.
2. Wiker, S.F. 1989. Shoulder Posture and Localized Muscle Fatigue and Discomfort. *Ergonomics*. 32:211 – 237.
3. Human Performance Institute, Dept of Industrial and Manufacturing Engineering. March 2002. *Comparison of Commercial Stair Chairs Using Data Envelopment Analysis*. Western Michigan University.
4. Human Performance Institute, Dept of Industrial and Manufacturing Engineering. March 2002. *Postural Analysis of Paramedics Using Stair Chairs*. Western Michigan University.

**This document is intended solely for the use of healthcare professionals.**

A healthcare professional must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that healthcare professionals be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate the breadth of Stryker product offerings. A healthcare professional must always refer to the package insert, product label and/or instructions for use before using any Stryker product.

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