

stryker®

EMS Equipment



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.

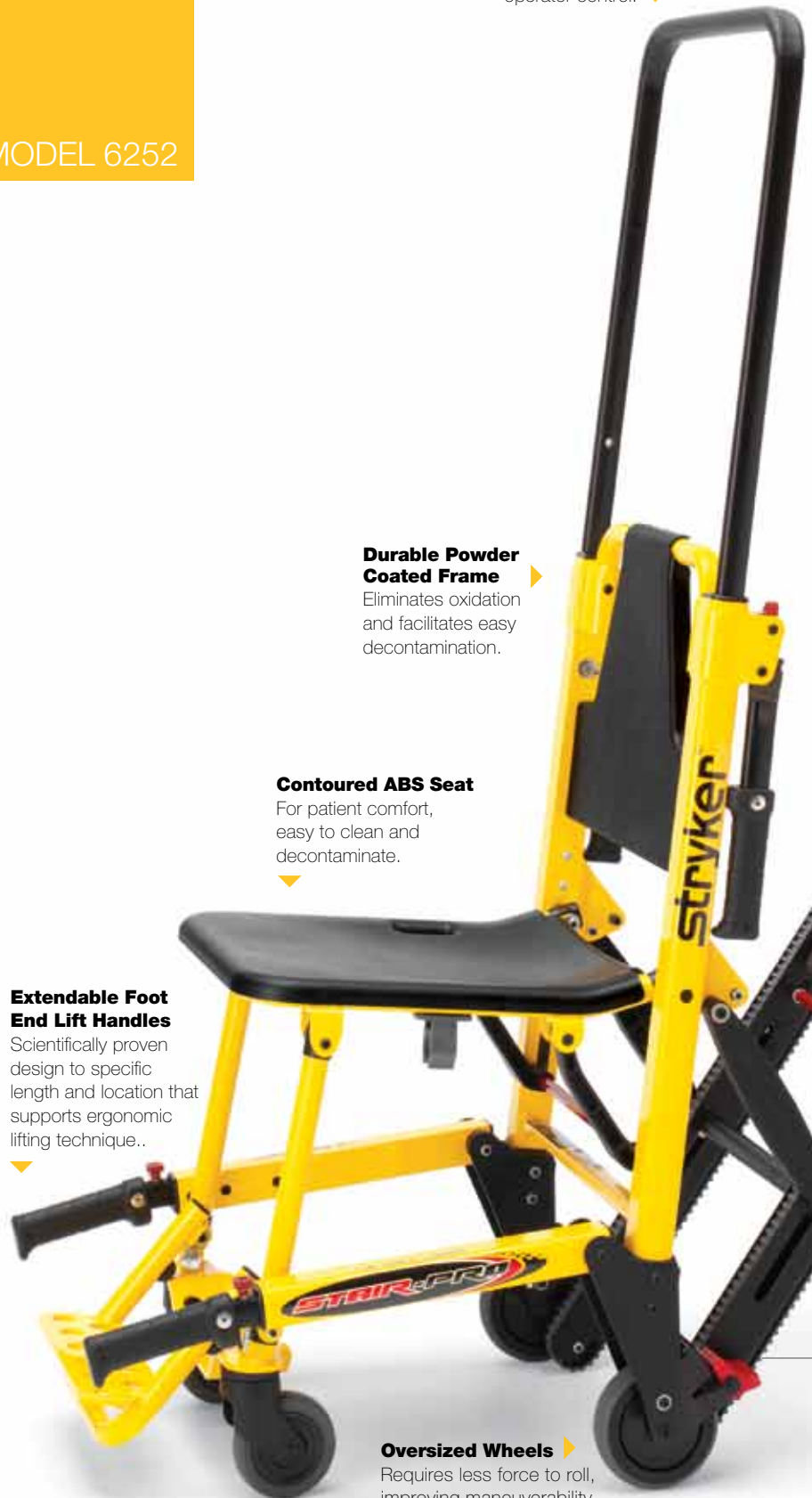
Upper Control Handle
Extends to be ergonomically positioned for optimal operator control. ▼

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.



* Download the Ergonomic Case Study at www.stryker.com/en-us/products/PatientHandlingEMSandEvacuationEquipment/EmergencyCotsChairs/EMS/6252/index.htm



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.

500lb.
capacity

Safety Certifications | CE

Warranty
 • One-year parts, labor and travel or two-year parts only
 • Lifetime on all welds*
Extended warranties available.
 * 7-year service life



Model 6250
500 lb. capacity

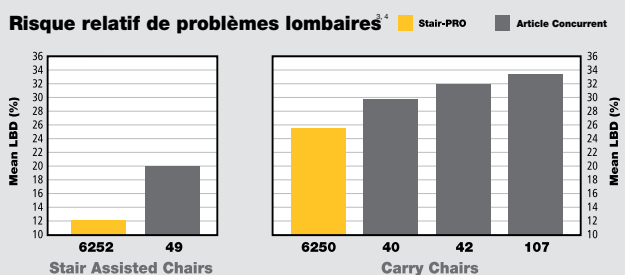
Rugged, dependable, lightweight, stores in existing vehicle compartments.



Model 6251
500 lb. capacity

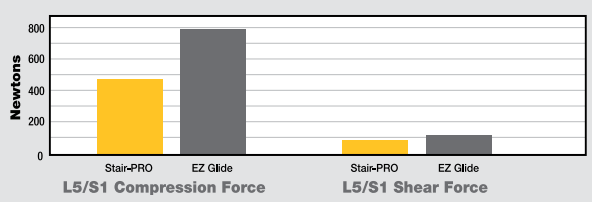
Front caster wheels add wheelchair-like mobility in tight spaces.

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.³

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.

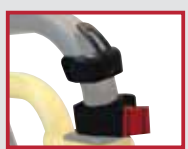
Optional Features



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 O₂ 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 Specifications¹

Models	6250	6251	6252
Height	36 in. (91 cm)	36 in. (91 cm)	37.5 in. (95 cm)
Width	20.5 in. (52 cm)	20.5 in. (52 cm)	20.5 in. (52 cm)
Depth²	28 in. (71 cm)	28 in. (71 cm)	28 in. (71 cm)
Folded Depth	8 in. (20 cm)	8 in. (20 cm)	8 in. (20 cm)
Weight	20 lb. (9 kg)	23 lb. (10 kg)	31.5 lb. (14 kg)
Maximum Load³	500 lb. (226 kg)	500 lb. (226 kg)	500 lb. (226 kg)

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

²Depth dimensions are measured with extendable handles retracted.

³Maximum 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.

⁴Patient 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.

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EMS Equipment

References

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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.

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