

Coming soon.

stryker®

EMS Equipment



Power-LOAD™
power-loading
cot fastener system

Power-LOAD

power-loading cot fastener system

Shown with optional accessories.

Reduce the risk of injuries when loading and unloading cots

Power raise and lower for loading and unloading

using your finger, not your back.



Load and unload patients with the touch of a button.

Operator injuries result from repetitive spinal loading. Our innovative Power-LOAD cot fastener system is designed to load and unload a compatible cot with the touch of a button – not your back.

Lifts and lowers the cot into and out of the ambulance, reducing spinal loads and the risk of cumulative trauma injuries.

The Power-LOAD cot fastener system improves operator and patient safety by supporting the cot throughout the loading and unloading process.

The reduction in spinal load helps prevent cumulative trauma injuries.

Power-LOAD wirelessly communicates with Power-PRO™ cots for ease of operation and maximum operator convenience.

- **Eliminates the need to steer the cot into and out of the ambulance.**
- **Minimizes patient drops by supporting the cot until the wheels are on the ground.**
- **Meets dynamic crash test standards for maximized occupant safety.**
- **Features an easy-to-use manual back-up system, allowing complete operation in the event of power loss.**
- **Lifts or lowers the cot into and out of the ambulance, eliminating spinal loads that can result in cumulative trauma injuries.**

Save yourself from injury. Save your career with Power-LOAD.

Ergonomically designed to reduce operator and patient injuries, Power-LOAD hydraulically lifts patients weighing up to 700 lbs.



Cot Release Handles

Red release handles allow the cot to be disengaged from the Power-LOAD system when unloading.



Duplicate LED Indicator

Displays Power-LOAD status at the head end for added operator convenience.



Manual Trolley Release

Allows trolley to be released when locked at the head end.

Inductive Charging

Power-LOAD automatically charges the cot SMRT battery and Power-LOAD battery when locked in the transport position (no cable or connectors required).

Head-end Lock LED Indicators

Keeps operator informed of lock status. Solid green when locked; flashing red when unlocked.

Trolley

Secures the cot into the Power-LOAD system.

Lifting Arms

Battery-powered hydraulic lift system supports the cot and patient during loading and unloading.

Linear Transfer System

Supports and guides the cot during loading and unloading.

Control Panel

Allows complete operation for manual cots as well as the operation of powered cots in the event of a power loss.



Battery Indicator

If the Power-LOAD system is in the locked transport position, the battery LED will flash green, indicating the battery is being charged. If the battery is low, the caution LED will flash amber.

Foot-end Release

Allows the cot to be disengaged from the patient compartment.



Foot-end Lock LED Indicator

Keeps operator informed of lock status. Solid green when locked, flashing red when unlocked.

Safety Hook

Assures handling confidence when loading and unloading in the event of power loss.

700lb
capacity

Features

1 Lifting Arms

Battery-powered hydraulic lift system supports the cot and patient during loading and unloading.

2 Head-end Lock LED Indicators

Keeps operator informed of lock status. Solid green when locked; flashing red when unlocked.

3 Control Panel

Allows complete operation for manual cots as well as the operation of powered cots in the event of a power loss.

4 Cot Release Handles

Red release handles allow the cot to be disengaged from the Power-LOAD system when unloading.

5 Linear Transfer System

Supports and guides the cot during loading and unloading.

6 Inductive Charging

Power-LOAD automatically charges the cot SMRT battery and Power-LOAD battery when locked in the transport position (no cable or connectors required).



Inductive Charging

Power-LOAD automatically charges the SMRT battery when locked in the transport position (no cable or connectors required).



Power Controls

The Power-PRO cot controls the Power-LOAD system during loading and unloading for ease of operation and maximum convenience.



Low Electrical Demand

Power-LOAD is self-powered, drawing minimal amperage from the vehicle (during charging process).



Operation Guide

Power-LOAD operation labels are provided and intended to be placed on the inside of the rear doors of the ambulance as a quick reference guide for Power-LOAD operation.



Control Panel

Allows complete operation for manual cots as well as the operation of powered cots in the event of a power loss.



Marine Grade Hydraulic System

Provides reliable operation in harsh conditions.

Warranty

- One-year parts, labor, and travel

Extended warranties available.

7-year service life

Planned Certifications

IPX6 IEC-60601-1 BS EN-1789
AS/NZS-4535 KKK-A-1822





Power-LOAD Cot Compatibility

The Power-LOAD compatibility option is available for the Power-PRO XT, Power-PRO IT, and Performance-PRO. This system meets dynamic crash test standards for maximized occupant safety¹ and will automatically charge the Power-PRO XT and Power-PRO IT SMRT battery.



Power-PRO XT Ambulance Cot



Power-PRO IT Ambulance Cot



Performance-PRO XT Ambulance Cot

Optional Features



External Power Cord

Supplies shoreline power for extended user training.



Wheel Guide

Required for applications when the Power-LOAD system is mounted near the wall. Keeps the wheels straight when loading and unloading.



Mass Casualty Floor Mount Assembly

Provides cot compatibility for non-upgraded Stryker X-frame cots. Assembly equipped with quick release mechanism for ease of operation.



Mass Casualty Wall Mount Assembly

Provides cot compatibility for non-upgraded Stryker X-frame cots. Assembly equipped with quick release mechanism for ease of operation.

Power-LOAD Specifications

Model Number	6390
Length	
Overall Length	95 in (241 cm)
Minimum Length	85 in (216 cm)
Width	24.5 in (62 cm)
Weight	
Total Weight	211.5 lb (96.5 kg)
Floor Plate Assembly	16.5 lb (7.5 kg)
Anchor Assembly	23 lb (10.5 kg)
Transfer Assembly	67 lb (30.5 kg)
Trolley Assembly	105 lb (48 kg)
Maximum Weight Capacity*	700 lb (318 kg)
Minimum Operator Required	
Occupied Cot	2
Unoccupied Cot	1
Recommended Loading Height	22 in to 36 in (56 cm to 91 cm)
Battery	12V, 5 Ah Lead Acid Battery (6390-001-468)

* Maximum weight capacity represents patient weight. Safe working load of 870 lb (395 kg) represents the sum of the cot total weight and patient.

† Meets dynamic crash test standards for the Power-PRO XT and Performance-PRO XT.

Stryker reserves the right to change specifications without notice.

In-service video included with every order.

The Power-LOAD cot fastener system is designed to conform to the Federal Specification for the Star-of-Life Ambulance KKK-A-1822.

Patents pending.

stryker[®]

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Power-LOAD is currently not available, specifications subject to change without notice. Pending 510(K) clearance, not available for sale. The device has not been authorized as required by the rules of the Federal Communications Commission. The device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

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