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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.

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The Power-LOAD Powered Cot Fastener System paired with the Power-PRO XT Powered Ambulance Cot

**Power-LOAD 6390**
**Power-Loading Cot Fastener System**
Lifts and lowers the cot into and out of the ambulance, designed to help reduce spinal loads and the risk of cumulative trauma injuries. The Power-LOAD cot fastener system helps improve 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 operator convenience.

**Power-PRO XT 6506**
**Powered Ambulance Cot**
Reduce the risk of injuries when raising and lowering. Medics experience frequent spinal loading due to repetitive motions such as lifting, lowering, carrying, and bending. Use of the Power-Pro XT can help reduce spinal loading which may result in a reduced number of injuries, lost or modified workdays and worker’s compensation costs.
The Power-LOAD compatibility option is available for the Power-PRO XT and Performance-PRO XT. This system meets dynamic crash test standards relating to occupant safety* and will automatically charge the Power-PRO XT SMRT battery.

**Power-LOAD Cot compatibility**

The Power-LOAD compatibility option is available for the Power-PRO XT and Performance-PRO XT. This system meets dynamic crash test standards relating to occupant safety* and will automatically charge the Power-PRO XT SMRT battery.

* Meets dynamic crash standards for Power-PRO XT (AS/NZS 4535 and BS EN 1789) and Performance-PRO XT (BS EN 1789).

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**Manual cot release**

Allows cot to be unlocked once all the wheels are on the ground.

**Control panel with battery indicator**

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

**Linear transfer system**

Supports and guides the cot during loading and unloading.

---

**Head-end LED indicators**

Keeps operator informed of position status. Solid green when in position or ready to transport; flashing amber when not in position or not ready to transport.

**Lifting arms**

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

---

- Lifting arms
- Head-end LED indicators
- Cot release handles
- Linear transfer system
- Duplicate LED indicator
- Manual trolley release
- Inductive charging
- Control panel
- Battery indicator
- Foot end release
- Safety hock
- Trolley

---

**Power-LOAD 6390**

Power-Loading Cot Fastener System

- IPX6
- AS/NZS-4535
- BS EN-1789
- IEC-60601-1
- Manual cot release
- Allows cot to be unlocked once all the wheels are on the ground.

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04

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05
The Power-PRO XT was designed with extensive input from medics, resulting in a cot that reduces manual lifting. The battery-powered hydraulic system raises and lowers the patient with the touch of a button** and the retractable head section shortens the cot for 360-degree mobility in any height position.

The all-in-one solution for a variety of patients and environments. XPS provides an expanded patient surface area that can easily be retrofitted with compatible cots. XPS is adjustable with seven locking positions and includes a wider mattress that reduces the transfer gap and has been designed with patient comfort in mind. This solution helps address growing obesity trends and supports a variety of patients and environments.

** Meets dynamic crash standards (AS/NZ 4535 and BS EN 1789) in conjunction with Power-LOAD.

** 318 kg weight capacity with an unassisted lift capacity of 227 kg. (Cot loads over 136 kg may require additional assistance to meet the set cot load height).

Cot is compliant to the BS EN 1865-2:2010+A1:2015 standard with the 1865 fowler option (6506-012-004).

Cot is compliant to the BS EN 1865-3:2012+A1:2015 standard with the XPS option (6506-040-000).
The Performance-LOAD manual cot fastener system helps enhance caregiver and patient safety by guiding the cot throughout the loading and unloading process, and securing the cot during transportation.

Performance-LOAD 6392
Manual-Loading Cot Fastener System

The Performance-LOAD manual cot fastener system helps enhance caregiver and patient safety by guiding the cot throughout the loading and unloading process, and securing the cot during transportation.

Power-PRO XT 6506
Powered Ambulance Cot

Reduce the risk of injury when raising and lowering. Medics experience frequent spinal loading due to repetitive motions such as lifting, lowering, carrying, and bending. Use of the Power-Pro XT can help reduce spinal loading which may result in a reduced number of injuries, lost or modified workdays and worker’s compensation costs.
Performance-LOAD 6392 Manual-Loading Cot Fastener System

- Meets dynamic crash standards AS/NZS-4535 and BS EN-1789
- Guided loading and unloading support improves operator efficiency by reducing cot drift
- Strategically designed with the ability for future modification to support our Power-LOAD fastening system

- Optional inductive charging for SMRT battery management
- Mass casualty compliant with the inclusion of wall or floor mounts and appropriate hardware
- Power washable and removable for decontamination

Performance-LOAD Cot Compatibility
The Performance-LOAD compatibility option is available for the Power-PRO XT. This system meets dynamic crash test standards AS/NZS-4535 and BS EN-1789 in conjunction with Power-PRO XT. Optional inductive charging automatically charges SMRT batteries.

- Inductive charging (option) Charges the SMRT battery when in transport position (no cable or connectors required).

- Linear transfer system Assists in guiding and centering the cot during loading and unloading processes.

- Head-end dock Secures the head-end of the cot into place when in transport position.

- Foot-end latch Locks the foot-end of the cot into place when in transport position.

- Positive action foot-end release Enables the cot to be disengaged from Performance-LOAD.

- Removable toolkit Performance-LOAD can be removed for enhanced cleaning and maintenance.

- Foot-end latch

- Positive action foot-end release

- Adaptable floor plate and safety hook
  Designed upon installation to be compatible with Power-LOAD technologies. The safety hook connects with the cot safety bar during loading and unloading processes.

- Linear transfer system

- Head-end dock

- Removable toolkit

- Inductive charging (option)
Amulance cots

**Power-PRO TL 6550**

**Powered Ambulance Cot**

The Power-PRO TL helps to reduce spinal loading, lowering risk of cumulative trauma injuries for caregivers.

**Key features**
- Pneumatically assisted backrest
- Rigid push bars (optional)
- Retractable head and foot sections
- Hydraulic lift system
- US patented x-frame

Cot is compliant to the BS EN 1865-2:2010+A1:2015 standard with the 1865 fowler option (6536-012-004).

Cot is compliant to the BS EN 1865-3:2012+A1:2015 standard with the XPS option (6506-040-000).

**Floor-Mount 6385**
**Track-Mount 6386**

**Cot Fastener**

**Key features**
- Designed to be compatible with competitive ambulance cots
- Floor-plate and floor-track mounting configurations available
- Welded stainless steel construction for unprecedented durability
- Conforms to BS EN-1789

**Specifications**
- **Capacity**: 318 kg
- **IPX6**
- **IEC-60601-1**
- **BS EN-1789**
- **DIN EN-1789**
**Performance-PRO XT**

6086

Manual Ambulance Cot

The Performance-PRO XT is a tough, all-aluminium X-frame manual cot. Versatile and stable, Performance-PRO XT has a 318 kg weight capacity and a retractable head section for 360-degree mobility in any height position.

**Key features**

1. Shock, flat leg or optional knee gatch positioning
2. Fold-down side rails
3. Lift-capable safety bar
4. Retractable head section
5. Adjustable load height to three positions
6. Side release handle
7. Power-LOAD compatibility option
8. Duplicate foot end controls to promote proper lifting
9. Bolster mattress

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**Power-LOAD 6390**

Power-Loading Cot Fastener System

The Power-LOAD cot fastener system helps improve 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 operator convenience.

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**M-1 6100**

Roll-in Ambulance Cot

M-1 Roll-in system delivers true one-person operation and ease of use. The removable litter and Riser-Lock System offer excellent manoeuvrability.

**Key features**

1. Lift handles at four corners
2. Oversized wheels for low rolling force
3. Removable litter
4. Shock, flat leg or optional knee gatch positioning

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**Center mount straight guide 6376**

Center mount DIN guide 6373

**Key features**

1. Internal guide system maintains cot alignment during loading and unloading
2. Stainless steel construction for durability and corrosion resistance
3. Grease-free maintenance and pressure-washability for ease of cleaning
4. Inertia lock system helps secure the head end of the cot upon impact for added safety
5. Designed for easy installation to the ambulance floor or tray system
6. Conforms to BS EN 1789 and AS/NZS 4535
7. Compliant to 4.1, 4.2 (excluding 4.2.3), 4.4, 5.1 and 5.3 of BS EN 1865-1:2010.

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*M* Meets dynamic crash standards (AS/NZS-4535 and BS EN 1789) in conjunction with Power-LOAD.
SMRT Power System

The SMRT Power System will give your Power-PRO cot performance. This is a tough, professional-grade system designed for the high-pressure world of EMS. The SMRT Power System eliminates the time-consuming and elaborate charging protocols and “tuning” usually required for maintaining reliable, high performance battery-powered systems.

Key features

- Complete charge in approximately two hours
- SMRT Pak have zero memory
- Automatic power management extends battery life
- Sealed durable construction for all-weather toughness
- Charge SMRT Pak when and where needed

SMRT Power System accessories

1. 12V DC cable (automotive)
2. 240V AC - Europe (CEE 7/16)
   - 240V AC - United Kingdom (BS 1363A)
   - 240V AC - Australia (AS-3121 without ground pin)
3. SMRT Charger mounting bracket

Stair-PRO 6252

The Stair-PRO is one of the stair chairs on the market shown to reduce injuries. Independent ergonomic experts found that when compared to competitive models, Stair-PRO users have a reduced relative risk of lower back injuries when taking patients up or down stairs.

Key features

1. Stair-TREAD system transports patients down stairs without lifting
2. Upper control handle provides appropriate operator visibility and control
3. Handle length optimized for upstairs mobility
4. Contoured ABS seat
5. Extendable foot end lift handles

Compact storage size: Folds to 30 cm for convenient storage.

Stair-PRO accessories

1. Foot support
2. O2 holder
3. IV clip

*IPX6 applies to the SMRT Pak only.

Enhance your equipment with optional accessories. Create a cot based on your needs, ensuring performance. Consult with an Account Manager for a full list of optional features.

Rugged-X restraints are equipped with a polyurethane coated webbing designed to support cleanability. The bright yellow coated webbing can help caregivers to see the restraints on the cot, identify soils, and expedite cleaning time.

Key features
- **Reliable**: Dynamically crash tested to meet BS EN-1789 crash safety standard*. Light color helps caregivers identify soils on the restraint webbing.
- **Durable**: Polyurethane coating protects underlying webbing from damage due to abrasion. Rated for extreme temperatures between -41°C to 54 °C.
- **Resistant**: Soil resistant coated webbing makes Rugged-X easy to clean. Cleanable polyurethane coating can help to expedite the time to clean and dry restraints.

Compatibility options
Rugged-X restraints are compatible with Power-PRO XT, Performance-PRO XT and Power-PRO TL ambulance cots.

Optional features

- **Retractable head end O2 holder**
- **Removable O2 holder**
- **Foot end O2 holder**
- **Backrest storage pouch**
- **Base storage net**
- **Head end storage flat**
- **Back-up O2 holder options**
- **Head and O2 holder**
- **Retractable head end O2 holder**
- **Removable O2 holder**
- **Storage options**
- **Basic storage net**
- **Back-up storage pouch**
- **Head end storage flat**

### Optional features product use

<table>
<thead>
<tr>
<th>Power-PRO XT</th>
<th>Performance-PRO XT</th>
<th>Power-PRO TL</th>
<th>M-1 6100</th>
</tr>
</thead>
<tbody>
<tr>
<td>XPS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steer-lock options</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knee gatch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IV Pole (2 or 3 stage)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dual wheel locks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjustable head extension</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift-capable safety bar</td>
<td></td>
<td>STD</td>
<td>STD</td>
</tr>
<tr>
<td>Head and O2 holder</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foot end O2 holder</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retractable head end O2 holder</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Removable O2 holder</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*formerly model 6500 cot, **formerly model 6085 cot

### Features

- **Rugged-X restraints**

  - Meets BS EN-1789 dynamic crash standard with Power-LOAD cot fastener system used with Power-PRO XT ambulance cot, Power-LOAD cot fastener system used with Performance-PRO XT ambulance cot, Performance-LOAD cot fastener system used with Power-PRO XT ambulance cot, Performance-LOAD cot fastener system used with Power-PRO XT ambulance cot, Performance-LOAD cot fastener system used with M-1 6100 ambulance cot.

  - **Retractable head end**:
    - Power-PRO XT cot
    - Performance-PRO XT cot
    - Power-PRO TL cot
    - M-1 6100 cot

  - **Removable O2 holder**
    - Power-PRO XT cot
    - Performance-PRO XT cot
    - Power-PRO TL cot
    - M-1 6100 cot

  - **Foot end O2 holder**
    - Power-PRO XT cot
    - Performance-PRO XT cot
    - Power-PRO TL cot
    - M-1 6100 cot

  - **Back-up O2 holder options**
    - Power-PRO XT cot
    - Performance-PRO XT cot
    - Power-PRO TL cot
    - M-1 6100 cot

  - **Storage options**
    - Basic storage net
    - Back-up storage pouch
    - Head end storage flat
## Cot specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Power-PRO XT</th>
<th>Power-PRO TL</th>
<th>Performance-PRO XT</th>
<th>M-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model number</td>
<td>6506</td>
<td>6550</td>
<td>6086</td>
<td>6100</td>
</tr>
<tr>
<td>Overall length</td>
<td>206 cm</td>
<td>206 cm</td>
<td>203 cm</td>
<td>197 cm</td>
</tr>
<tr>
<td>Length</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Standard</td>
<td>206 cm</td>
<td>194.3 cm</td>
<td>203 cm</td>
<td>197 cm</td>
</tr>
<tr>
<td>- Minimum</td>
<td>160 cm</td>
<td>197 cm</td>
<td>163 cm</td>
<td>N/A</td>
</tr>
<tr>
<td>Overall width</td>
<td>58 cm</td>
<td>58 cm</td>
<td>58 cm</td>
<td>56 cm</td>
</tr>
<tr>
<td>Maximum weight capacity</td>
<td>318 kg</td>
<td>318 kg</td>
<td>318 kg</td>
<td>227 kg</td>
</tr>
<tr>
<td>Height range (to litter top)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- High</td>
<td>105 cm²</td>
<td>105 cm²</td>
<td>107 cm²</td>
<td>100 cm²</td>
</tr>
<tr>
<td>- Low</td>
<td>36 cm</td>
<td>36 cm</td>
<td>35 cm</td>
<td>27 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>57 kg</td>
<td>66 kg</td>
<td>40 kg</td>
<td>55 kg</td>
</tr>
<tr>
<td>Backrest articulation</td>
<td>0° – 75°</td>
<td>0° – 75°</td>
<td>0° – 73°</td>
<td>0° – 75°</td>
</tr>
<tr>
<td>Recommended loading height</td>
<td>Up to 91 cm²</td>
<td>Up to 86 cm²</td>
<td>Up to 79 cm²</td>
<td></td>
</tr>
</tbody>
</table>

1. 318kg weight capacity with an unassisted lift capacity of 227 kg (Cot loads over 136 kg may require additional assistance to meet the set cot load height.)
2. Height measured from bottom of mattress, at seat section, to ground level.
3. Cot is weighed with one battery, without mattress and restraints.
4. Cot is weighed without mattress and restraints.
5. Can accommodate load decks up to 91cm. Load height can be set between 66 cm and 91cm.
6. Load height can be set between 69 - 86 cm.
7. Maximum weight capacity represents patient weight. Safe working load of 396 kg represents the sum of the cot total weight and patient.
8. Dimensions are measured from the outermost edge of the main frame. Specifications are rounded to the nearest whole number. Conversions are calculated before rounding.
9. Depth dimensions are measured with extendable handles retracted.
10. 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.

## Power-LOAD cot fastener

<table>
<thead>
<tr>
<th>Model</th>
<th>Power-LOAD</th>
<th>Performance-LOAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model number</td>
<td>6390</td>
<td>6392</td>
</tr>
<tr>
<td>Length</td>
<td>Overall</td>
<td>241 cm</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td>231 cm</td>
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<tr>
<td>Width</td>
<td>62 cm</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Total weight</td>
<td>96.5 kg</td>
<td>28.5 kg</td>
</tr>
<tr>
<td>- Floor plate assembly</td>
<td>75 kg</td>
<td>75 kg</td>
</tr>
<tr>
<td>- Anchor assembly</td>
<td>10.5 kg</td>
<td>7.5 kg</td>
</tr>
<tr>
<td>- Transfer assembly</td>
<td>50.5 kg</td>
<td></td>
</tr>
<tr>
<td>- Trolley assembly</td>
<td>48 kg</td>
<td></td>
</tr>
<tr>
<td>Maximum weight capacity</td>
<td>318 kg</td>
<td></td>
</tr>
<tr>
<td>Minimum operator required</td>
<td>Occupied cot</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Unoccupied cot</td>
<td>1</td>
</tr>
<tr>
<td>Recommended loading height</td>
<td>84 cm to 91 cm</td>
<td>56 cm to 91 cm</td>
</tr>
<tr>
<td>Battery</td>
<td>12V, 5 Ah Lead acid battery (6390-001-468)</td>
<td></td>
</tr>
</tbody>
</table>

## Performance-LOAD cot fastener

<table>
<thead>
<tr>
<th>Model</th>
<th>Performance-LOAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model number</td>
<td>6390</td>
</tr>
<tr>
<td>Length</td>
<td>Overall</td>
</tr>
<tr>
<td></td>
<td>Length with mass casualty inclusion</td>
</tr>
<tr>
<td>Width</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Head-end</td>
</tr>
<tr>
<td>Weight</td>
<td></td>
</tr>
<tr>
<td>- Total weight</td>
<td>28.5 kg</td>
</tr>
<tr>
<td>- Floor plate assembly</td>
<td>7.5 kg</td>
</tr>
<tr>
<td>- Fastener assembly</td>
<td>21 kg</td>
</tr>
<tr>
<td>Height</td>
<td>Minimum operator required</td>
</tr>
<tr>
<td></td>
<td>Occupied cot</td>
</tr>
<tr>
<td></td>
<td>Unoccupied cot</td>
</tr>
<tr>
<td>Recommended loading height</td>
<td>56 cm to 91 cm</td>
</tr>
</tbody>
</table>

## Stair Chair

<table>
<thead>
<tr>
<th>Model</th>
<th>Stair-PRO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model number</td>
<td>6252</td>
</tr>
<tr>
<td>Height</td>
<td>98 cm</td>
</tr>
<tr>
<td>Width</td>
<td>92 cm</td>
</tr>
<tr>
<td>Depth</td>
<td>71 cm</td>
</tr>
<tr>
<td>Folded depth</td>
<td>23 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>14 kg</td>
</tr>
<tr>
<td>Maximum load</td>
<td>227 kg</td>
</tr>
</tbody>
</table>

1. Can accommodate load decks up to 91cm. Load height can be set between 66 cm and 91cm.
2. Load height can be set between 69 - 86 cm.
3. Maximum weight capacity represents patient weight. Safe working load of 396 kg represents the sum of the cot total weight and patient.

---

Conversions are calculated before rounding.