

**Sam Bossley**  
Associate Marketing Manager – EMS

3800 E. Centre Ave.  
Portage, MI 49002  
t: 269 389 6628  
sam.bossley@stryker.com

**stryker**<sup>®</sup>

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**Medical**

Date: January, 2017

Re: Power-PRO XT Ambulance Cot Sole Source Information

To Whom It May Concern,

Stryker Medical certifies that we are the sole manufacturer of the Stryker EMS Power-PRO XT (Model 6506). This correspondence is to inform you of the unique characteristics of the Power-PRO XT Ambulance Cot. These characteristics can be broken down into two primary categories: Independent Qualification, and Ease of Use and Maintenance.

### **Independent Qualification**

- IPX6: The system is rated to withstand powerful water jets.
- IEC 60601-1 and IEC 60601-1-2: This certification indicates that Power-PRO conforms to industry standards for mechanical and electrical safety for medical electrical devices, as well as electromagnetic compatibility and immunity.
- BS EN-1789 clause 4.5.9: This is a European dynamic crash test which subjects a 50<sup>th</sup> percentile dummy to a nominal 10g deceleration for a minimum of 50ms. Following the test there shall be no sharp edges or danger to the safety of persons in the road ambulance.<sup>1</sup>

### **Ease of Use and Maintenance**

- The cot has a weight capacity of 700lbs.
- When unloading with the manual release handle, the cot utilizes hydraulic dampening. Thus, the cot will not abruptly jar the operator or the patient.
- The battery is placed at the foot-end of the stretcher.
- The cot legs power-retract in 2.4 seconds which speeds load times.
- The cot provides the highest possible load height of any cot on the market at 36” and is operator adjustable to match the deck height of individual ambulances.
- The foot-end of the cot provides lifting bars and operator controls at two different heights, thus providing optimum ergonomics to most operator heights.
- The foot-end of the cot contains a large battery indicator light which displays amber or green which indicates battery level. A warning is given by a flashing amber light, providing the operator the time to change the battery before full depletion of power.
- The Model 6506 has 6” x 2” sealed bearing casters – the largest in the industry.
- The cot features a foot-end-mounted hourly usage meter. This is an easy tool to determine the timing of preventative maintenance checks.

<sup>1</sup> Only conforms when used with Power-LOAD (model 6390).

- The cot features powder-coating of the entire aluminum frame (including the patient handling surfaces), thus eliminating aluminum oxidation throughout the cot.
- All caster bearings are sealed, eliminating timely and costly lubrication.
- The cot is power-washable.

Please forward any further questions to your Stryker sales representative.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sam Bossley', with a stylized flourish at the end.

Sam Bossley

Date: January, 2017

Re: Power-LOAD Cot Fastener Sole Source Information

To Whom It May Concern:

Stryker Medical certifies that we are the sole manufacturer of the Stryker EMS Power-LOAD (Model 6390). This correspondence is to inform you of the unique characteristics of the Power-LOAD Cot Fastener. These characteristics can be broken down into two primary categories: Independent Qualification, and Ease of Use.

The Stryker EMS Power-LOAD (Model 6390) cot fastening system is mounted within the patient compartment and is intended to aid in the loading/unloading of patients. The Stryker Power-LOAD is the only powered cot fastening system that meets the following:

#### Independent Qualification

- IPX6: The system is rated to withstand powerful water jets.
- IEC 60601-1 and IEC 60601-1-2: This certification indicates that Power-LOAD conforms to industry standards for mechanical and electrical safety for medical electrical devices, as well as electromagnetic compatibility and immunity.
- BS EN-1789 clause 4.5.9: This is a European dynamic crash test which subjects a 50<sup>th</sup> percentile dummy to a nominal 10g deceleration for a minimum of 50ms. Following the test there shall be no sharp edges or danger to the safety of persons in the road ambulance.

#### Ease of Use

- Device must provide a linear guide when loading and unloading the cot
- Device must allow for remote actuation from Power-PRO foot end controls
- Device must engage to the cot during loading and unloading, providing a means of lifting and lowering
- Device must allow for manual back-up operation in the event of power failure or system error
- Device must have a safe working load of 870 lbs and be capable of lifting patients weighing up to 700lbs.
- Device must be mounted inside the patient compartment to prevent environmental exposure and corrosion
- Device must be power washable
- Device must be capable of inductively charging the Stryker SMRT cot battery

Please contact your Stryker Sales Representative for further information.