



**TECHNIMOUNT**  
EMS™



## **SAFETY ARM SYSTEM™ 500**

MOUNTING SYSTEM FOR STRYKER® STRETCHERS

### **SAFETY AND FLEXIBILITY WHERE IT MATTERS MOST**

The Safety Arm System™ 500 is a secure mounting system for portable medical devices designed for Stryker stretchers. It includes a platform and Standard Surface Base mounted on a top-down movable arm, installed with a Clamp Block on the stretcher frame.

It has two positions, upper locked position for transport and lower position for loading/unloading of patients on or from the stretcher. To lower and raise the arm, the Safety Pin must be pulled and held.



Hospital



Ambulance



Stretcher



Military



Air

At Technimount EMS, we understand that EMS and Critical Care Transport teams need solutions that they can rely on. We design and develop quality mounting systems which are safe and flexible, allowing you to concentrate on what matters most - patient care.

# SAFETY ARM SYSTEM™ 500

## PRODUCT ILLUSTRATION

Pull and hold the Safety Pin to easily lower and raise the Safety Arm System to load and unload the patient on both sides



360° rotation of medical device for desired position (Installed on Standard Surface Base)



Angled Arms and Straight Versions for additional configuration options



With the IV Pro Adaptor, the IV Pole and the Safety Arm System can be installed on the same side



Easily release the Safety Arm System by removing the Lock Pin, and pulling and folding the Safety Pin



# TECHNICAL SPECIFICATIONS

<b>Product Name</b>	Safety Arm System™ 500
<b>Product Description</b>	Securely transports portable medical devices directly on Stryker stretchers
<b>Cot/Stretcher Compatibility*</b>	<ul style="list-style-type: none"><li>• Stryker® Power-Pro XT, model 6500-6506</li><li>• Stryker® Performance-Pro XT, model 6085-6086</li><li>• Stryker® MX-PRO R3</li></ul>
<b>Environment of Usage</b>	EMS (Ground & Flight) – Hospital/Clinic, Military
<b>Product Section Material</b>	<ul style="list-style-type: none"><li>• Main Assembly: Aluminum 6061-T6</li><li>• Clamp Block: Aluminum 6061-T6</li></ul>
<b>Product Finish</b>	<ul style="list-style-type: none"><li>• Main Assembly: Hard Black-Anodized Finish</li><li>• Clamp Block: Hard Black-Anodized Finish</li></ul>
<b>Environmental Regulations</b>	Complying with RoHS 3
<b>Maximum Load Capacity</b>	45 lb
<b>Temperature of Usage</b>	–35° C to 45°C
<b>Certification</b>	Designed to Comply with: <ul style="list-style-type: none"><li>• SAE J3043 (26 G)</li></ul>
<b>Installation</b>	Mounting System Retained on Stretcher with Clamp Block, Lock Pin and Red Handle Safety Pin.
<b>Transportation Compatibility Systems</b>	Compatible with Technimount's: <ul style="list-style-type: none"><li>• Standard Surface Base</li><li>• Bracket Pro Serie® Product Line with a Standard Bottom Disc</li><li>• IV Pro Adapter with or without Knee Gatch (Patient Left, Patient Right)</li></ul>
<b>Features</b>	<ul style="list-style-type: none"><li>• Top-down Movable Arm for Patient Loading/Unloading on Both Sides</li><li>• Dual Locking Mechanism (Lock Pin and Safety Pin)</li><li>• Left and Right Angled Arm and Straight Arm Models Available for Additional Configuration Options on Patient Left and Patient Ride Side</li></ul>
<b>Overall Physical Dimensions</b>	Total height with Clamp Block - 22.6 in Overall length with Clamp Block : 21 5/8 in Clearance Between Stretcher Mattress and Safety Arm System with Standard Surface Base: <ul style="list-style-type: none"><li>• Cot Mattress Up - 17 1/4 in</li><li>• Cot Mattress Down - 10 in</li></ul> Space from Stretcher Frame to Under Base Plate in Lower Position <ul style="list-style-type: none"><li>• With Tubbing - 9 3/8 in</li><li>• After the Base Plate - 12 in</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 3.35 lb - Safety Arm System without Standard Surface Base</li><li>• 2.92 lb - Clamp Block</li><li>• 5.57 lb - Safety Arm System including Hardware</li></ul>
<b>Part Numbers</b>	<ul style="list-style-type: none"><li>• 400-20-UN - Safety Arm (Right Side Arm Only)</li><li>• 400-20-UN-ANG - Safety Arm (Right Side Angular Arm Only)</li><li>• 400-20-UN-LFS - Safety Arm (Left Side Arm Only)</li><li>• 400-20-UN-LFS-ANG - Safety Arm (Left Side Angular Arm Only)</li><li>• 500-10-PFXT - Clamp Block (Stryker Power-Pro XT Right Side)</li><li>• 500-10-PFXT-LFS - Clamp Block (Stryker Power-Pro XT Left Side)</li><li>• 530-10-MXPR - Clamp Block (Stryker MX-PRO Right Side)</li><li>• 530-10-MXPR-LFS - Clamp Block (Stryker MX-PRO Left Side)</li></ul>
<b>Other Models and Configuration Options</b>	Contact Technimount EMS for more information or for other options at <a href="mailto:customerservice@technimount.com">customerservice@technimount.com</a>

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# YOUR SAFETY IS OUR PRIORITY



## FEATURES

- ✓ Designed for Stryker stretchers
- ✓ Red handle safety pin allows to lower or raise the Safety Arm
- ✓ Constant access to medical device's screen
- ✓ Standard Surface Base installed on top plate allows for the installation of the medical device
- ✓ Right or left, straight or angled arms, are available for additional configuration options
- ✓ Designed to comply with SAE J3043
- ✓ Compatible with all of Technimount's products

## BENEFITS

- + Designed for to secure portable medical devices during EMS/CCT transport
- + Access to medical devices from all angles (360° rotation on Technimount's Standard Surface Base)
- + Better space management in ambulances or other patient transport vehicles
- + Multiple configuration options possible to improve flexibility in EMS transport of portable devices
- + Arm can be lowered for easy patient loading and unloading on both sides of the stretcher
- + Reduce risks of damage to the equipment and ensure the safety of patients and crew during transport

## SAFETY AND FLEXIBILITY WHERE IT MATTERS MOST



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