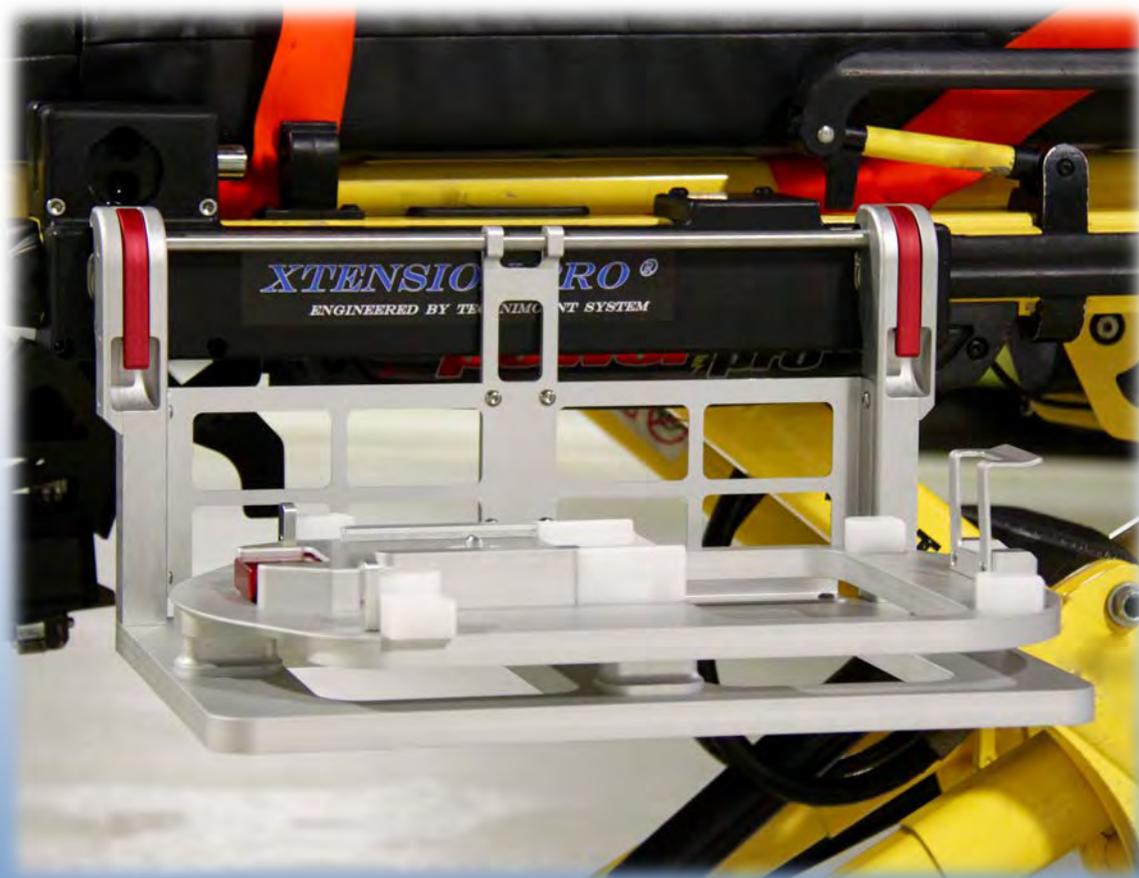


TECHNIMOUNT
SYSTEM

Xtension Pro™
Model 500 - Stryker
For cot/stretcher installation



USER'S MANUAL

XTENSION PRO™

FOR TECHNICAL ASSISTANCE CALL: + 1.581.998.9820 or techsupport@technimount.com



English version

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SYMBOLS AND DEFINITIONS

	<p>Attention, consult accompanying documents, or special attention required</p>
	<p>Safe working load symbol</p>
	<p>Pinch point</p>
	<p>Load balance symbol</p>

COMPONENTS IDENTIFICATION

Locking pin: The side safety lock pin is stainless steel with a finger ring (as shown in picture 1 & 1A), is used to lock or secure the « Xtension Pro » into the clamp block. It passes through the clamp block & bottom of the arm, locking the arm in place to the clamp block; (as shown in picture 2)



Picture 1: lock pin with optional red coloured lock pin head & ring – **OPTION** -



Picture 1A: lock pin with no color

Safety pin: The fixed safety pin is identified by the red rounded handle mechanism uses for locking the arm in the upper position; as shown in picture 3.



Picture 2: Side LOCKING pin insert location



Picture 3: SAFETY pin with red handle

COMPONENTS IDENTIFICATION (Continued)

Clamp block: The clamp block is the two (2) part metal system attached on one side of the cot or stretcher frame, in order to support and insert the arm, or install the shelf on the side of the cot. The two sections are attached with four (4) hexagon socket pan head screws.



Picture 3: Clamp block inside section before being installed



Picture 4: Clamp block Extended outside cover (without IV Pole)



Picture 5: Kit Xtension Pro side rail



Picture 6: Kit Xtension Pro assembly

OPTION for transport

Arm support: The arm support is an additional component that can be used into the clamp block for transporting a medical device; contact customer service for additional details.



Picture 7: Arm support – upper plate



Picture 8: Safety Arm yellow colored

NOTES RELATED TO OPTIONS WITH THE PRODUCT:

Options available with the product:

1. The locking pin is available in red color as an optional charged upgrade; chemical process is applied for coloring the stainless pin; for long duration.
2. Safety Arm can is also an optional charged upgrade; stain and scratch resistance based on anodization process, for the black triangular feet.

NOTE FOR INSTALLATION RELATED TO POWERLOAD

1. The spacer block is the shim installed under the "V" bracket on the cot frame when a power load system is with the cot. This NOT a piece from Technimount.
-

WARNING / CAUTION / SAFETY NOTE

The word warning, caution, note carry special meaning and should be carefully reviewed.



WARNING

Alerts the reader about a situation which, if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.



CAUTION

Alerts the reader of a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

NOTE

Provides special information to make maintenance easier or important instructions clearer.

INTRODUCTION

This manual is designed to assist you with the operation and maintenance of the [Technimount Xtension Pro™](#). Please read this manual thoroughly before placing the equipment into operations or commencing preventative maintenance. To ensure safe operation of this equipment, it is recommended that methods and procedures be established for educating and training staff on the safe operation of this product.

PRODUCT DESCRIPTION

The Technimount [Xtension Pro™](#) is a transporting cot/stretcher system that consists of a platform, mounted, installed with a clamp block on the side frame of the cot/stretcher, designed to support and transport portable medical equipment with a maximum weight of 40 lb. in pre-hospital and hospital environments. The device can be removed and stored safely when not in use and when in use in emergency vehicles with a cot/stretcher for transport & loading/unloading of the of the patient on the cot/stretcher.

The *Xtension Pro™* is equipped with a **fixed safety locking** mechanism to secure the position of the shelf when in the transportation mode. It also can be used with the Xtension Pro, with an arm for transporting and using another medical device on it. (<https://www.technimount.com/our-products/stretcher-safety-arm-500/>) In case of emergencies, the side shelf can be removed in less than 5 seconds followed by releasing or pulling up the red handle on each side.

INTENDED USE OF PRODUCT

The *Xtension Pro™* is a secure mounting system for medical devices, designed to be installed on a cot/stretcher (specific models). The design is intended to support and transport medical equipment during a medical intervention of a traumatized, ambulatory or non-ambulatory patient (including infants, children and adults).

The side position (or locked position on the cot) is designed to incorporate the use of the medical device while transporting the patient and performing normal tasks by medical personal. Specially designed to be installed to the hips of the patient while lay down on the cot, it gives quick and easy access to the device (s) and help clinicians to perform tasks in a professional and safe way.

Once the shelf is on the side position (or locked position) it facilitates the safe and secure transportation of associated medical equipment (i.e. defibrillator, ventilator and/or pumps) in emergency vehicles. The use of the Xtension Pro™ is completed in concert with the use of an ambulance cot/stretcher and intended for front-line responders who have received the orientation and training necessary to operate the system in the field. The expected service life of the product is 5 years, or greater, depending upon use. The Xtension Pro is offered in 2 models; one model specially designed for using the Cardio Help from Getinge (Maquet) and the other version for one or two bases for other medical devices, installed on a standard [surface base](#).

The *Xtension Pro™* are intended for transportation purposes only. They are not intended for more than one unit (for CardioHelp) or according to the version of one or two bases according to the model.

SPECIFICATIONS

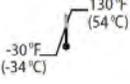
Brand cot/stretcher models available	STRYKER MODEL
 <p>Safe Working Load Note: Safe Working Load indicates the sum of the medical device and accessory weight.</p>	40 lbs.
CHARACTERISTICS of the product	Xtension Pro™
Cot/Stretcher compatibility	ProXT, PowerPro, model 6085-6086, 6500 and 6506
Part number (Medical device model depending)	590-00-LFS-MQ (CardioHelp - Getinge) 590-01-LFS-1SB 1 Standard Surface Base 590-01-LFS-2SB 2 Standard Surface Base
Positions available	Side of the cot – Forward or Backward (ordering option)
Material manufacturing	Aluminum high grade
Cot installation	Clamp box on side frame
Color available	Black – Silver (standard)
Positioning installation	Left side (<i>patient's leg</i>) standard Right side – <i>Option</i> Forward or Backward – <i>Option</i>
Dimensions (inch)	
Overall length - w/ clamp block	18-1/2 "
Overall Dimensions of the Shelf	16-1/2" L x 11-3/8" D x 8-3/4" H Top.
Cot (frame) front to base plate on lower position	9-3/8" – with tubing 12" – after the base plate
Weight (lb - oz)	
Shelf only	9.14 lbs
Clamp block	4.15 lbs
Weight device (approx..)	22.0 lbs
Installation Features	
Angle of the shelf plate on the cot with device	5°
Maximum load capacity	40 lbs
Installation hole on the cot frame	8 holes (on side rail cot) – 2 points on cot
Recommending patient loading position	Lower
Recommending number operator	2
Surface base mounting compatibility	Bracket Pro Serie – Standard base
Impact resistance testing	30G – 760 lbs
Typical mounting	
Clamp block	Clamp block with 6 screws on side frame
<i>Safety Arm (OPTIONAL)</i>	<i>Locking & Safety pin</i>
Installation time (approx..)	± 5 minutes
Removing time for the Shelf	Less than 5 sec.
Standards	SAE J3043, KKK-A-1822, NFPA

Technimount system reserves the right to change specifications without notice.

The **Xtension Pro™** is designed to conform to the SAE J3043. Patents pending.

Technimount hereby declares that this Xtension Pro™ (model 400-500) is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC and SAE J3043. A copy of the original declaration of conformity can be obtained by contacting Technimount System at 444 Papin St. Office 103. Quebec City, (QC) Canada G1YP 3T8 Attn. Regulatory Affairs.

SPECIFICATIONS (CONTINUED)

Environmental conditions	Operation
Temperature	
Relative Humidity	
Atmospheric Pressure	



CAUTION

Changes or modifications to the product not expressly approved by Technimount could void the product warranty.

CONTACT INFORMATION

Contact Technimount System Customer Service or Technical Support at:

Phone: +1.581.998.9820
Fax: 1.855.339.6351
Email: techsupport@technimount.com

TECHNIMOUNT SYSTEM

Administrative Office
445 Papin St. Office 103
Quebec City, (Quebec)
Canada
G1P 3T8

NOTE:

Please have the serial number of your Technimount product available (*as shown in Figure 1*) when calling Technimount [Customer Service](#) or [Technical Support](#). Include the serial number in all written communication.

SERIAL NUMBER LOCATION

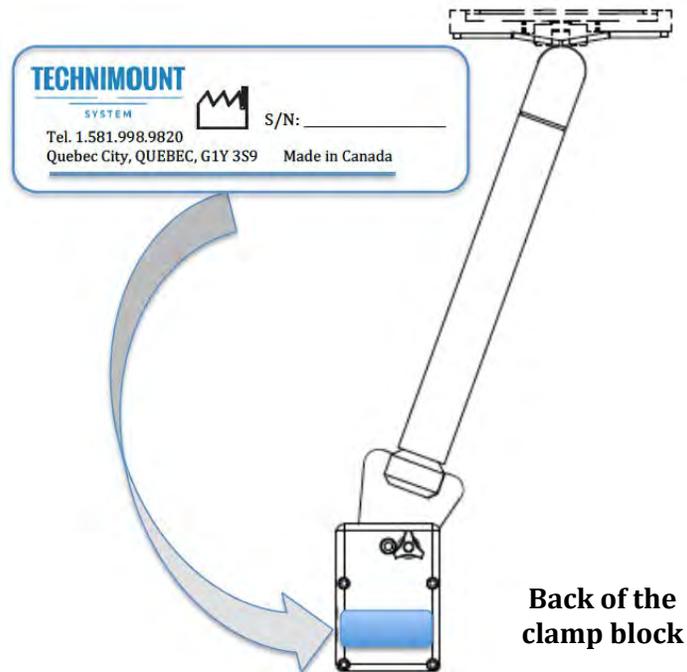


Figure 1: Clamp block serial # & location

PRODUCT IDENTIFICATION

**Outside cover /
Rail support**

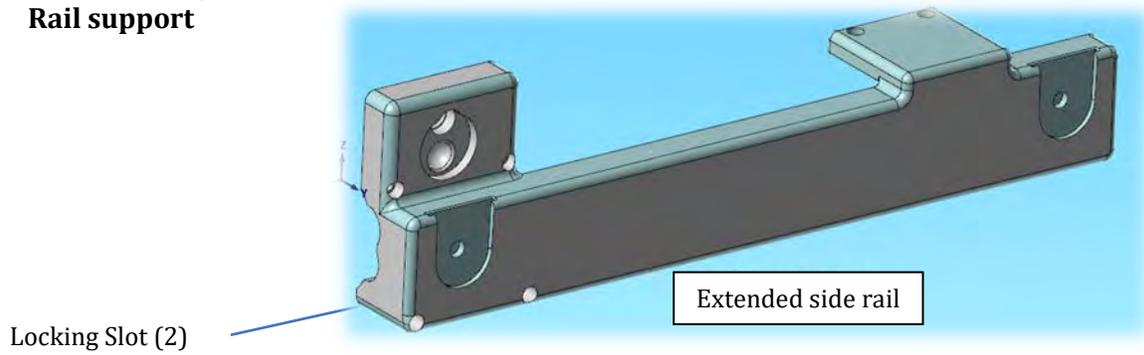


Figure 2: Outside cover / Side rail support

Lateral view

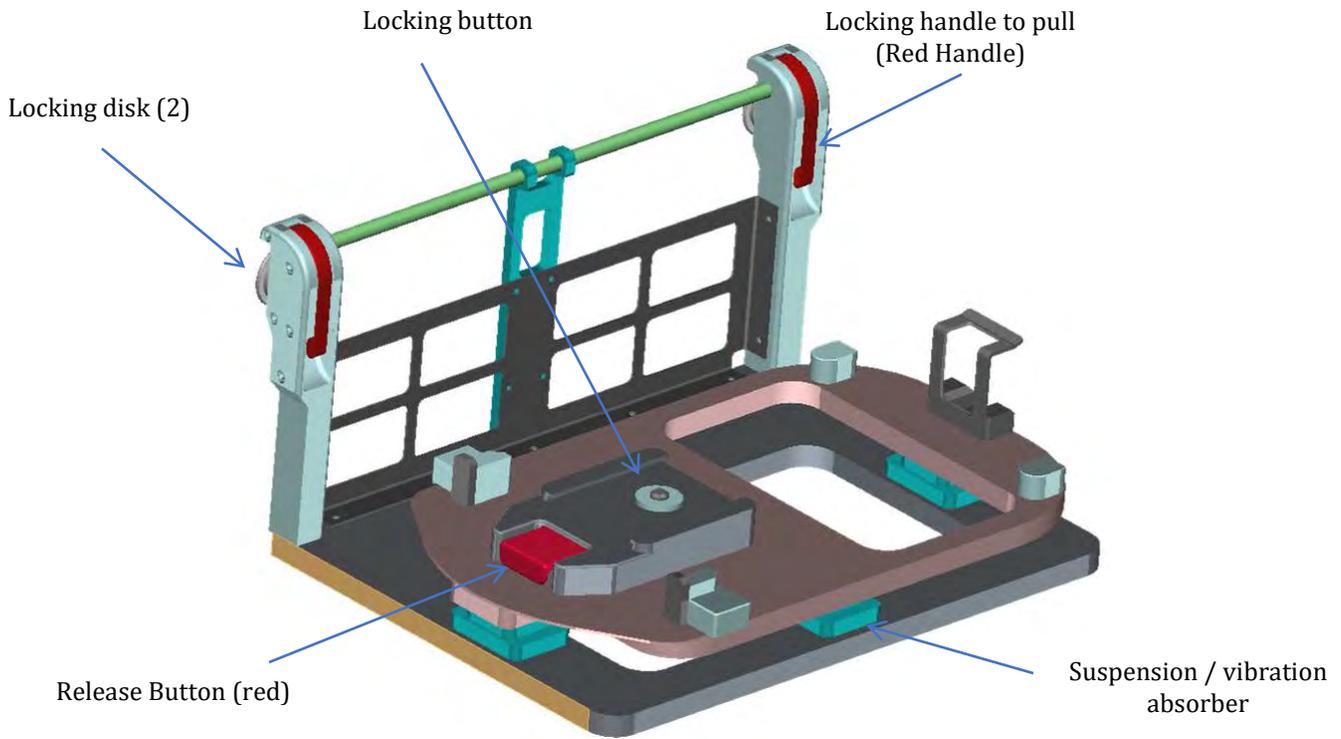


Figure 3: Overall shelf support

*Images might be different than
real product*

INSTALLATION OF THE SHELF

Installation of the Side Wall and the Plate support

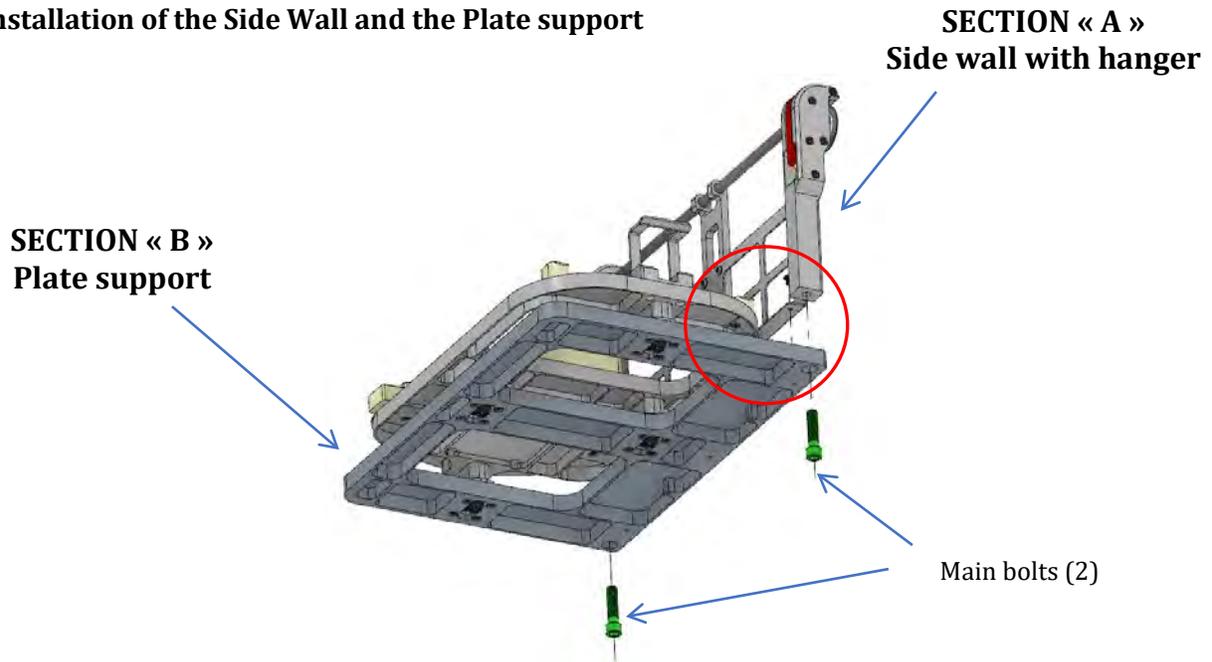


Figure 4: Under shelf view

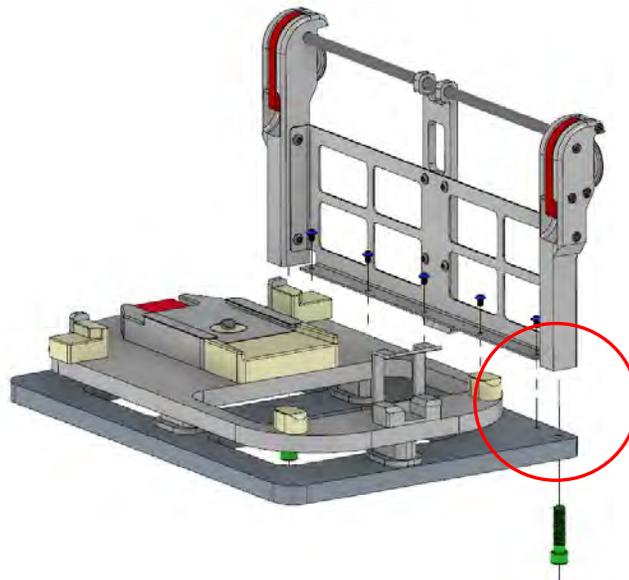


Figure 5: Lateral Right view of the Shelf

PRODUCT IDENTIFICATION (Continued)

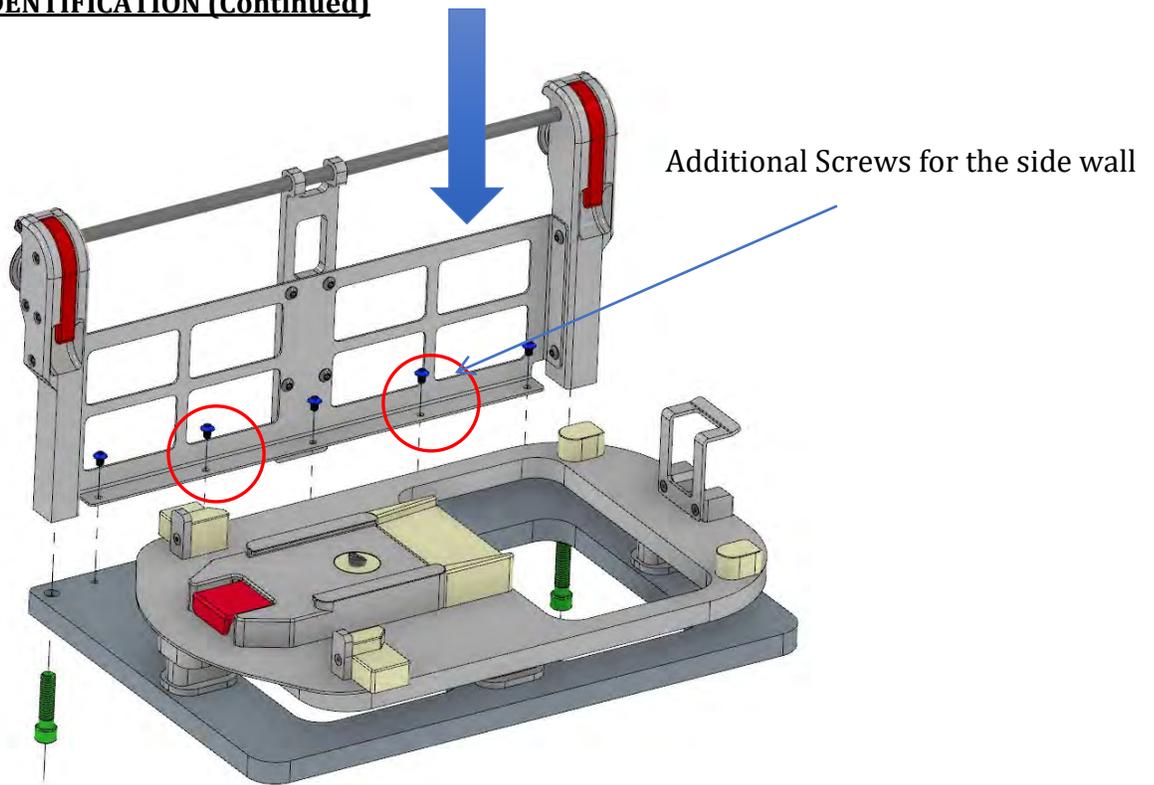


Figure 6: Medical Shelf for Model CardioHelp from Getinge

Locking Handles and Release Button Red for easy access (mobile parts)

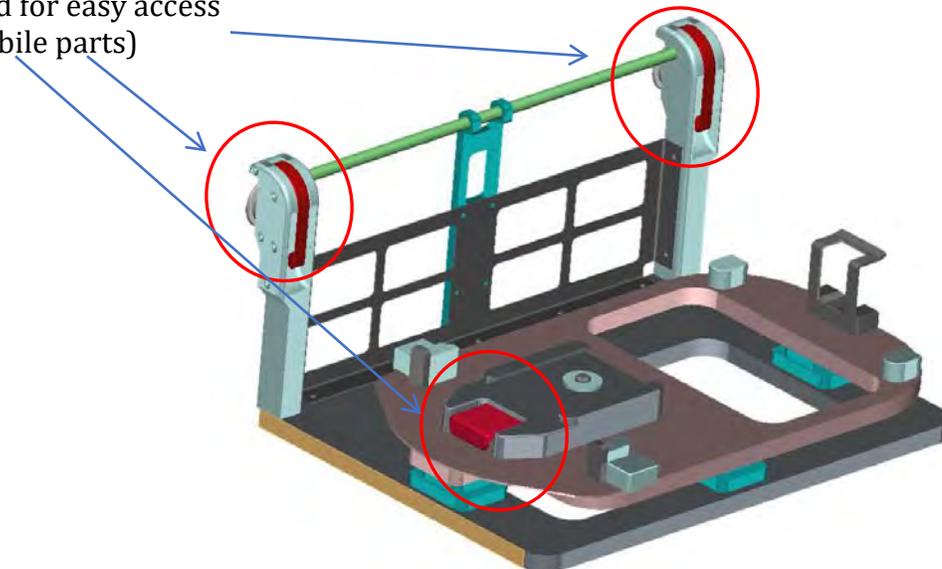


Figure 7: Identification of the release mechanisms

ASSEMBLY INSTRUCTIONS

SYMBOLS

	Attention, consult accompanying documents, or special attention
	Safe working load symbol
	Pinch point



ATTENTION NOTE :

During the installation process, Technimount System recommends the use of Loctite 2400 (Blue) to avoid premature loosening of screws during regular use.



Note: Brand name as Loctite™ is shown as suggestion only, Technimount System and its subsidiaries is not related to this brand and the trademark of Loctite is not registered under Technimount.

ASSEMBLY INSTRUCTIONS**STEP 1:**

- Install the wall section over the pan at a 90-degree angle, taking care to align the bolt holes to allow for the insertion of the main bolts.
- Start with a bolt to be inserted under the plate in one of the locking rods, screwing with the provided "Allen" wrench, without tightening too tightly.
- Subsequently, insert the other main bolt into the second rod, underneath the tray; don't tighten it too much for now.

STEP 2:

- Install the five (5) screws (smaller), over the tray one by one, into the specific holes, by not tightening too much; alternating from one side to the other.

STEP 3:

- Once all bolts and screws are in place, start tightening the main bolts with the *Allen* key until it is very firm.
 - Do the same with the screws, alternating on each side.
-

LOCKING MECHANISM FOR THE SHELF

- Sliding position into the slots of the spar to position the shelf for use, aside of the cot.
- Upper position for installing the shelf or removing it only.



ATTENTION

IF THE RED HANDLE IS ON THE UPPER POSITION OR NOT TOTALLY PUSHED, THE SYSTEM MAY NOT BE LOCKED.

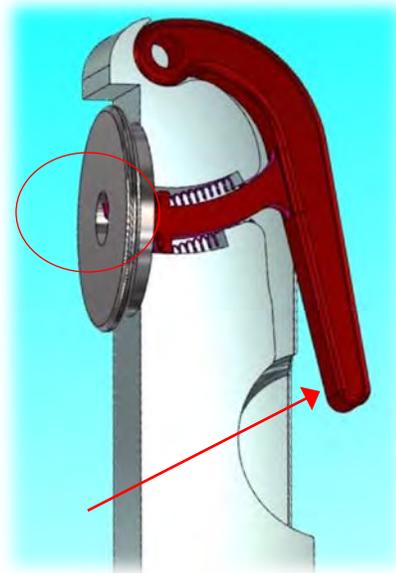


Figure 8: Red Handle on the upper position for manipulation

ALWAYS SECURE THE SHELF BY VERIFYING THE RED HANDLE ON LOWER POSITION

- Locking position for the shelf head into the rail slots to position the shelf for use.
- Locking position of the red handle is normally flush to the head post for confirming the appropriate position.

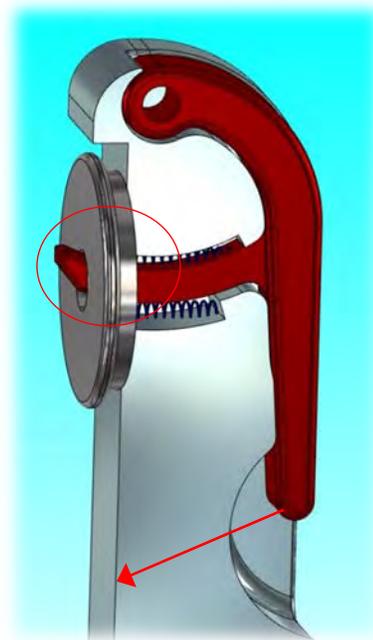


Figure 9: Red Handle mechanism on lower position for locking

PRODUCT ILLUSTRATION (Installation overview)

Side rail position for shelf

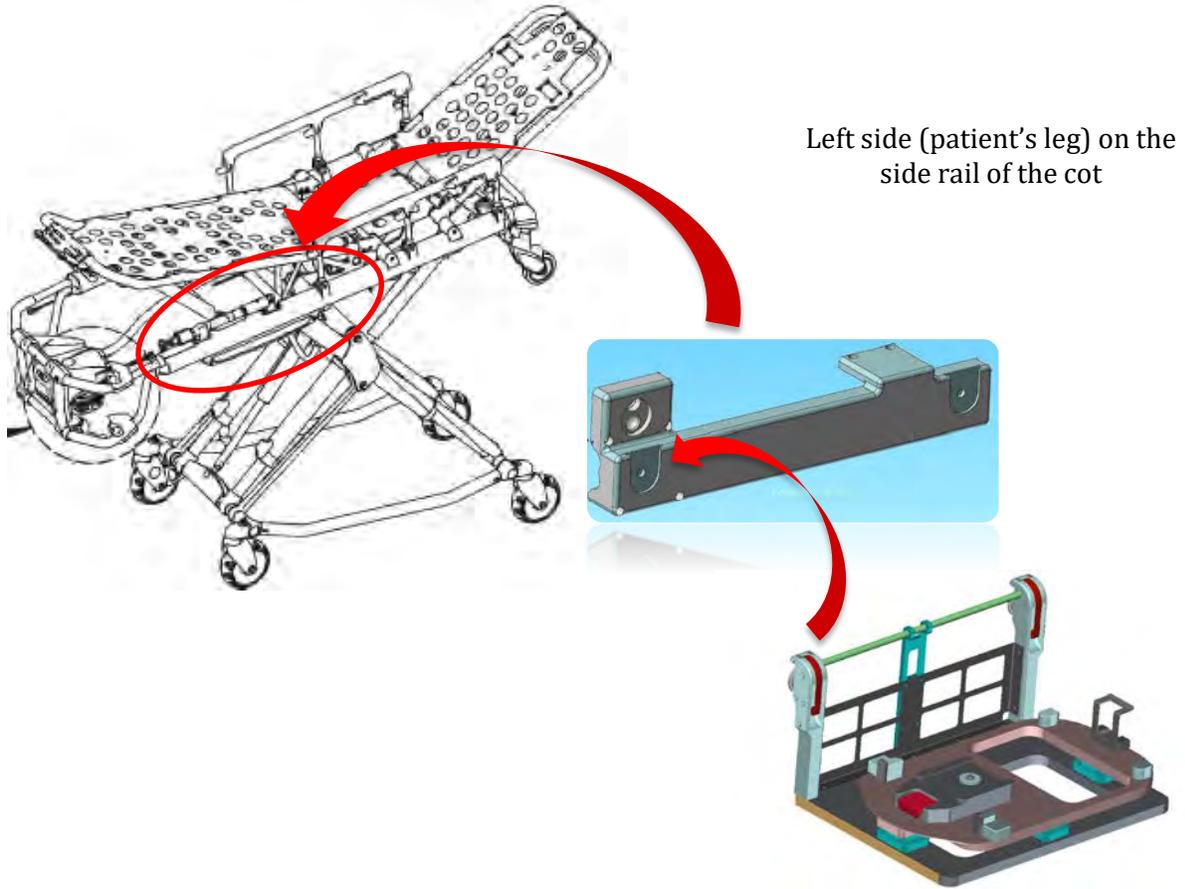


Figure 10: Xtension Pro side rail position installed on cot

SUMMARY OF SAFETY PRECAUTIONS

Carefully read and strictly follow the warnings and cautions listed on these pages. Service only by qualified personnel.

**WARNING**

- ✓ **ALWAYS HOLD THE SHELF WHEN YOU MANIPULATE IT. AS WELL, ALWAYS PULL AND HOLD THE LOCKING SAFETY RED HANDLE UNTIL IT REACHES THE FINAL POSITION.**
-

**WARNING**

- ✓ Ensure proper hand placement on arm support or surface plate. Hands should be clear of the black clamp block and arm pivot while loading and unloading the medical equipment or whenever changing height position of the arm with two or more operators.
- ✓ Improper usage of the *Xtension Pro* can cause injury to the patient or operator. Operate the arm only as described in this manual.
- ✓ Do not modify the shelf or any components of the system. Modifying the product can cause unpredictable operation resulting in injury to the patient or operator. Modifying the product also voids its warranty (see page 39).
- ✓ It is the responsibility of the cot/stretchers operator to ensure that the *Xtension Pro* being used with Technimount products meet the installation specifications listed on page 7. Injury may result if a non-compatible product is used in the Technimount system.
- ✓ Do not attempt to operate alone the shelf when it is loaded into a vehicle or in a very tight or narrow area.
- ✓ Failure to properly lock the shelf (Red handle on flat position) can cause injury to operator and damaged the product. Always secured the shelf with it.
- ✓ Verify that the side safety pin (red finger ring) is always pushed into the holes of the clamp block and arm base in the locking position, regardless of how the arm is load or unloaded with a medical device; injury to the patient or operator and/or damage to the arm may occur.
- ✓ Practice changing shelf positions (Transportation (Locked)/Loading & Unloading (Un-Locked) until operation of the product is fully understood. Improper use can cause injury.
- ✓ Do not allow untrained staff to assist in the operation of the transportation system. Untrained technicians/staff can cause injury to the patient or themselves.
- ✓ Do not sit or ride on the shelf, damage to the product could occur, resulting in injury to the patient or operator.

- ✓ Grasping the shelf improperly can cause injury. Keep hands, fingers and feet away from moving parts. To avoid injury, use extreme caution when placing your hands and near the handle heads (red) while raising or lowering the shelf, if applicable.
- ✓ Operators must be able to safely lift the total weight of the system (shelf and medical device), and any items related on the shelf.
- ✓ Do not attempt to load the shelf with the medical device on it. Loading a medical device onto the shelf must be in locked position, if not installed properly the medical device on the surface base may cause injury to the patient or operator and/or damage to the product.
- ✓ Do not attach restraints to the shelf, the surface base, or any other place of the system. It may result in damage to the product and/or result in injury to the patient or operator.
- ✓ Do not place any additional equipment or objects on the shelf, other than the approved Technimount System device bracket for medical devices.
- ✓ Always reposition the shelf with due care, avoid any improper pushing or violent manipulation, as it may result in an unbalanced cot/stretchers and may cause injury to the patient or operator and/or damage to the product.
- ✓ To avoid the risk of patient injury or equipment damage, ensure that you properly mount and secure the medical device platform (bracket) to the shelf's receiving surface base.
- ✓ If you want to remove the shelf from the cot, make sure you remove the medical device from the surface base prior the operation, failure of removing it may result in damage to the product, or cause injury to the operator.
- ✓ SOME CLEANING PRODUCTS ARE CORROSIVE IN NATURE AND MAY CAUSE DAMAGE TO THE PRODUCT IF USED IMPROPERLY. If such products are used to clean Technimount equipment, measures must be taken to ensure the *Xtension Pro* are wiped with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the arm will leave a corrosive residue on the surface of the cots, possibly causing premature corrosion of critical components.
- ✓ Failure to properly clean or dispose of corrosive product will increase the risk of premature damage and may cause injury to the patient or operator.
- ✓ Changing of parts either through replacement or modifications of a unit without the consent or approval by Technimount System could void the user's authority to operate the system and its warranty.
- ✓ Installation of the *Xtension Pro* was designed to be placed on the right side of the cot/stretchers (Patient's leg). When ordering, it's important to identify which side the *Xtension Pro* is to be located; the *Xtension Pro system* cannot be reversed as the clamp block has been designed for specific side. Same for the way to position it – backward or forward.
- ✓ A certified technical or mechanic familiar with the cot/stretchers's specifications should completed the installation of the clamp block. Consult the cot/stretchers manufacturer's

manual before installing the Xtension Pro and be sure that the installation of the system does not damage or interfere with the cot/stretcher.

- ✓ A preventative maintenance program should be established for all Technimount equipment. Preventative maintenance may need to be performed more frequently, based on the usage level of the product. Close attention should be given to safety features (i.e. safety pins, attachment points).
 - ✓ Improper maintenance can cause injury or damage to the product. Maintain the *Xtension Pro* as described in this manual. Use only Technimount approved parts and maintenance procedures. Using unapproved parts and procedures could cause unpredictable operation and/or injury and will void the product warranty (see page 39).
 - ✓ Failure to use authorized parts, lubricants, etc. could cause damage to the arm and will void the warranty of the product.
 - ✓ This manual should be considered a permanent part of the arm system and should remain with the product even if the arm is subsequently sold.
 - ✓ Technimount continually seeks advancements in product design and quality. Therefore, while this manual contains the most current product information available at the time of printing, there may be minor discrepancies between your arm system and this manual. If you have any questions, please contact Technimount Customer Service or Technical Support at +1.581.998.9820 or techsupport@technimount.com
 - ✓ Inspect regularly the clamp block and surface base for any issue and loose screws, bolts and nuts.
 - ✓ Do not adjust or change arm position while you roll or work simultaneously with the cot, and/or into a vehicle without advising the patient. Stay with the patient and control the arm at all times.
 - ✓ Always manipulate the shelf at the lower position of the cot, as much possible; high lever may unbalance the cot with violent movement or unpredictable motion.
-

OPTIONAL SECTION – IF YOU USE THE ARM FOR ADDITIONAL SOLUTION

PINCH POINTS –

WARNING: Pinch Points with Arm support

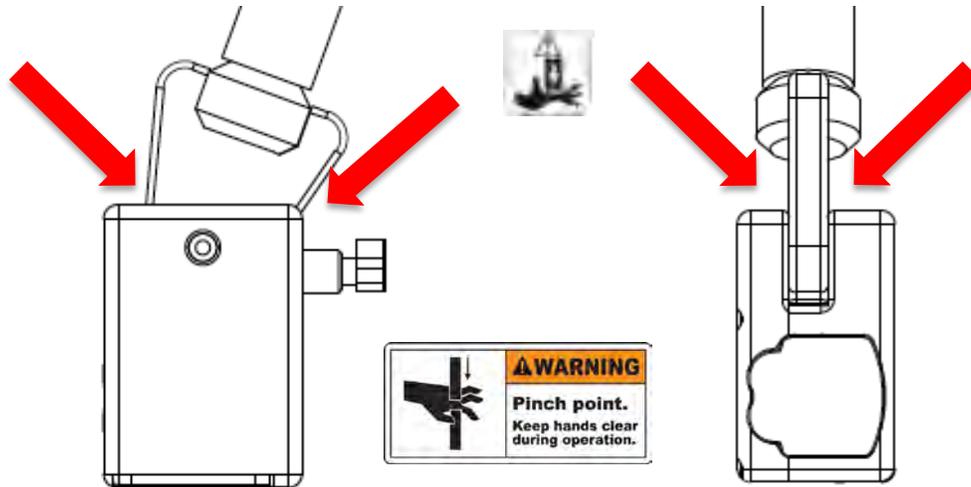


Figure 11: Side view clamp block and arm pivot

Figure 12: Lateral view clamp block and arm pivot



WARNING

Ensure proper hand placement on a high position on the tubular frame (pole). Hands should be clear of clamp block while loading and unloading the arm or whenever changing height position of the arm system with two or more operators.

SET UP PROCEDURES

Ensure that all shipping and packaging materials have been removed from the product(s) prior to use.

Unpack the cartons and check all items for proper operation. It is important that the *Xtension Pro* is working properly before it is put into service. See on page 3 to identify all of the product components.

Validate that you have all the components and hardware prior to starting the installation. Some hardware or parts provided might not be applicable to the model of your cot/stretcher; please refer to the page 3 for identification product components.

Note: Loose items or debris on the cot can interfere with the operation of the *Xtension Pro* system and cot/stretcher. Keep cot/stretcher & the floor clear.

**WARNING**

- ✓ Improper usage of the *Xtension Pro* system can cause injury to the patient or operator. Operate the system only as described in this manual.
- ✓ Do not modify the product or any components of the cot/stretcher. Modifying the product can cause unpredictable operation resulting in injury to the patient or operator. Modifying the product also voids its warranty (see page 39).

Note:

- ✓ This manual should be considered a permanent part of the product and should remain with the product even if the system is subsequently sold.
 - ✓ Technimount continually seeks advancements in product design and quality. Therefore, while this manual contains the most current product information available at the time of printing, there may be minor discrepancies between your arm system and this manual. If you have any questions, please contact Technimount Customer Service or Technical Support at +1.581.998.9820 or via email: techsupport@technimount.com
-

TOOLS REQUIRED

Tools needed for this installation are simple. We're provided some basic information for selecting your tools. If you're not too sure about the exact tool or you may need assistance, please contact Technimount Technical Service.

Item 1:
Allen key dimension
3/16" ANSI - SME



Item 2:
Screw driver –
Star bite S2-T27



Item 3:
Small plastic/rubber hammer



Picture 1: Tools required for the installation



WARNING

Other type of tool may also be appropriate for the work; however, electric tools are not recommended for unscrewing the bolt into the cot frame the first time, risk of damaged the threads.

Cot/Stretcher Orientation Diagram

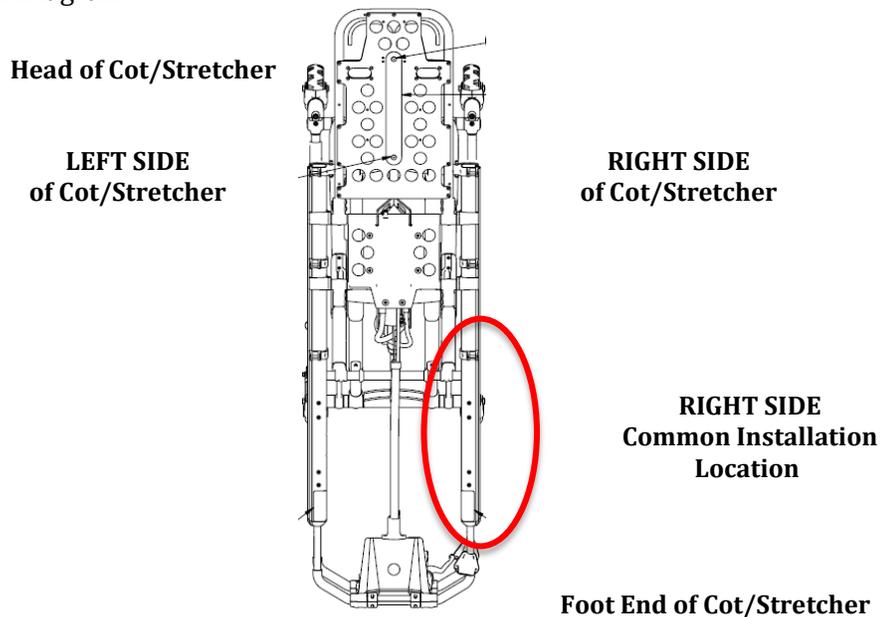


Figure 13: Position to be installed

SETTING THE COT/STRETCHER FOR THE INSTALLATION

SETTING FOR STRYKER COT MODELS

Some cots/stretchers will have the IV pole located on the left side of the frame (looking from *patient's leg*). IF this is the case, which normally not, knowing the IV Pole is on the other side. If you might need to change the IV pole location to the other side of the cot/stretcher, it's easily feasible.

NOTE: You will need to validate location of the installation before commencing removal of IV pole hardware.

Here is the procedure to remove or change the IV pole prior to installing the Xtension Pro on the cot/stretcher.

Procedure to remove or change position of the IV pole from one side to the other side.

Note:

- ✓ You might **not** have this step to perform, depending if you have or not the IV pole installed.
- ✓ Please refer to the manual of the manufacturer of the cot/stretcher for more details about the installation/reinstallation.



Picture 2: right side cot with IV pole to be remove



Picture 3: Do not install IV pole same side of the clamp block



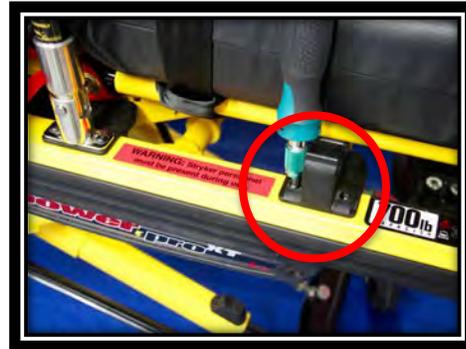
CAUTION

- ✓ Be careful to not damage the screw holes, and the bolt. Technimount does not provide replacement parts for this. Please contact the manufacturer of the cot/stretcher for replacement parts.

REMOVE THE IV POLE:

STEP 1

- Get access to the screws that hold the IV pole and the holder, by placing the IV pole in the upper position.



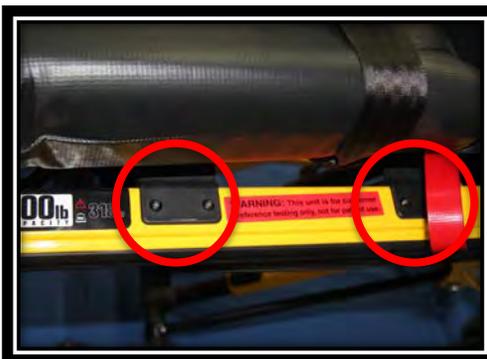
STEP 2

- Remove all 4 screws holding IV pole bracket & holder; and replace the screws.



STEP 3

- The IV pole can be installed on the other side of the cot/stretcher, utilizing the same bracket/holder, or put aside for later use.



XTENSION PRO CLAMP BLOCK INSTALLATION

Note: The *Xtension Pro* Installation instructions on page 21 through page 25 are intended for cots/stretchers that you will use **with or without** Power-LOAD.

WARNING

It is the responsibility of the arm operator to ensure that the system being used on the cot/stretcher meets the installation specifications listed on page 26. Injury may result if a non-compatible cot is used.

Note: Adjustment of the clamp block assembly may be required in order to compensate for any variation in the cot frame dimension depending on the cot manufacturer and model number, that's why we added a soft double face tape inside the clamp block.

POSITION ON THE COT (left side of model shown – patient's leg)

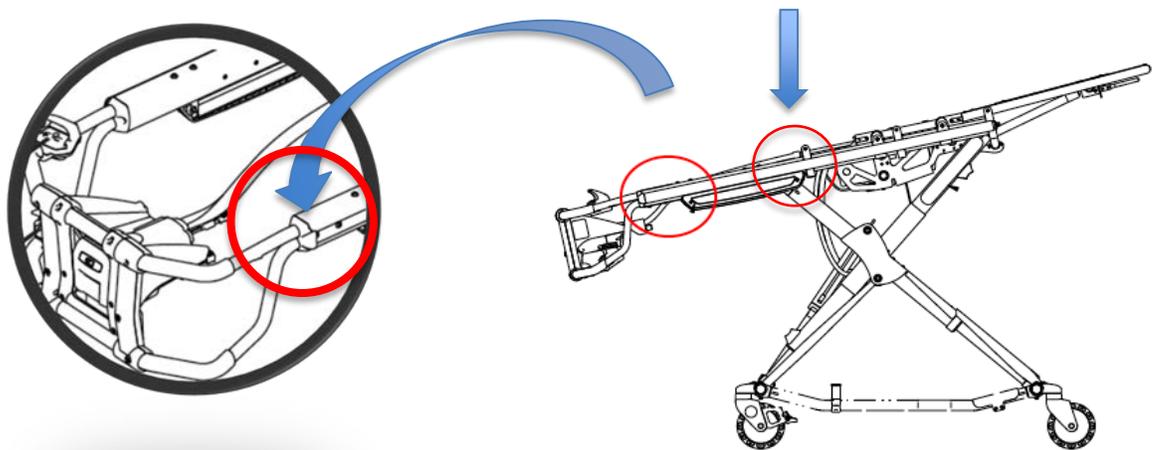


Figure 14: Position of the clamp block on the tip side rail frame and upper back of the rail

Note:

- ✓ In order to install the *Xtension Pro* on the left side (foot end of cot/stretcher), you need to specify which side the shelf will be installed; the *Xtension Pro* can not be reversed or installed on the other side; clamp block has been designed for specific side.
- ✓ The Arm itself cannot be switched from one side to another, you need to order a system according to the side desired.
- ✓ Installation of the medical device direction (screen) is backward or forward and can not be reverse by the user, specific direction needs to be addressed at the moment of the ordering process.

XTENSION PRO CLAMP BLOCK INSTALLATION (continued)

POSITION ON THE COT (left side of model shown)

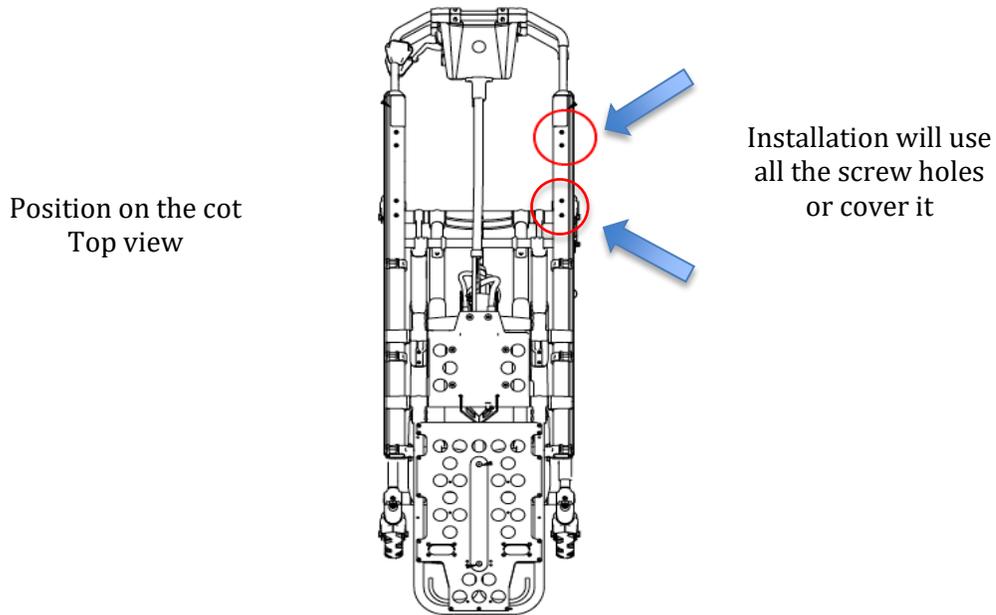


Figure 15: Position to be installed

Note:

- ✓ Installation on a “left or right” model is the same location for the clamp block; the clamp block is designed for specific side.

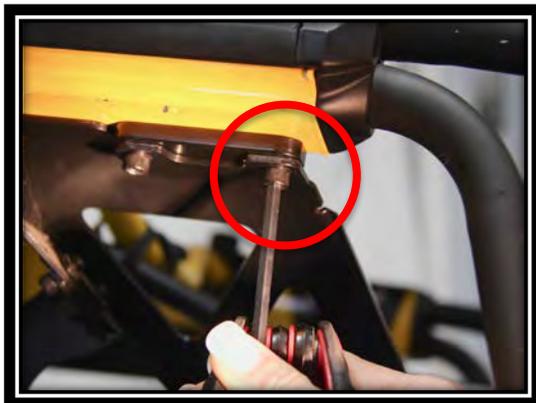
XTENSION PRO CLAMP BLOCK INSTALLATION (continued)

INSTALLING THE CLAMP BLOCK

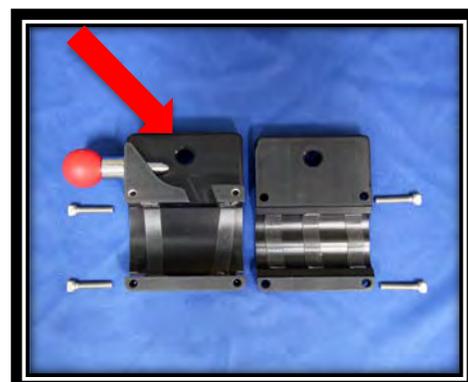
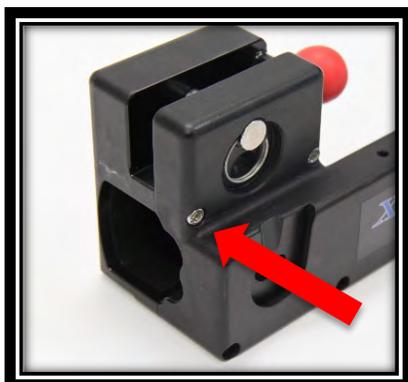
1. Determine the position to install the clamp block; and locate the two (2) screws that are attached to the front section of the frame.



2. Unscrew the 2 bolts with 3/16" Allen key (or *Star bite S2-T27*) and hold on to it until the following step; remove the spacer, and set it aside, as it won't be used in the installation.



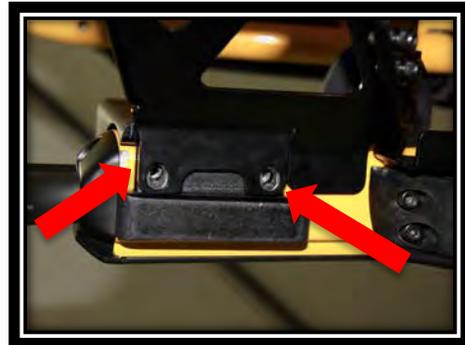
3. Unscrew the four (4) hexagon socket open head screws of the clamp block, with the 3/16" Allen key and place the part with the fixed red handle, on the inside the cot frame, in order to fit it vertical on the tip of frame.



XTENSION PRO CLAMP BLOCK INSTALLATION (continued)

INSTALLING THE CLAMP BLOCK

4. Position the clamp block under the black plate of the frame and aligned with the two (2) screw holes.



5. Tighten screws tightly, while alternating screw heads and reconfirm position of the clamp block; it should be positioned close to the tip of the frame and with a tiny yellow line of the frame visible, **NOTE:** Remember to add a couple of drops of blue Loctite 2400 to the screws before installation.



6. Screw the four (4) hexagon socket pan head screws tightly, while alternating screw heads and again, add couple of drops of blue Loctite 2400. Once, clamp block is installed, you are ready to proceed to the next step, installing the arm into the clamp block.



OPTIONAL FEATURE – ARM MOUNT SYSTEM (XTENSION PRO)

INSTALLING THE ARM TO THE CLAMP BLOCK

1. Pull the fixed lock pin back and adjust the arm to align the hole of the clamp block and the hole into the triangle (feet) of the arm; then place and push the side safety pin until the finger ring is flat against the wall of the circle cut-out.



2. Fixed Safety pin (red handle) and side lock pin (finger ring) should be fully inserted and locked when the arm is in the upper position (defined as “Locked position”).



 **WARNING**

Please verify that the arm always engages into the clamp block regardless of how the arm is positioned. Failure to insert the side safety pin properly may result of injury to the patient or operator and/or damage to the cot/stretchers and/or the defibrillator.

CLEANING

Note:

The *Xtension Pro*[™] is designed to utilize a power washer but not suitable. The unit may show some signs of oxidation or discoloration from continuous washing; however, no degradation of the cot's performance characteristics or functionality will occur due to power washing as long as the proper procedures are followed. The material used to be manufactured is high grade aluminum, it may resist and be durable to corrosion; however high levels of sodium environment or liquid with a very high concentration of sodium or acid may attack prematurely the product; always rinse with soft soap and water if exposed. If power washer is used, air drying is strongly recommended for the locking micro base mechanism for cleaning water infiltration.

WASHING LIMITATIONS



WARNING

- ✓ When cleaning, refer to appropriate personal protection equipment (PPE) based on established protocols (gloves, eye wear, etc.) to ensure the health and safety of those directly involved. Use of power washer equipment can accelerate contamination collected during the use of the product.
-



CAUTION

- DO NOT STEAM CLEAN OR ULTRASONICALLY CLEAN THE SYSTEM (ALL COMPONENTS).
 - Maximum water temperature should not exceed 180°F/82°C
 - Maximum water pressure should not exceed 1500 psi/130.5 bar. If a hand-held wand is being used to wash the unit, the pressure nozzle must be kept a minimum of 24 inches (61 cm) from the unit.
 - Allow the *Xtension Pro* to air dry or use pressure air system
 - Towel dry all casters and interface points, specifically into the slot of the triangle head into of the clamp block.
 - Failure to comply with these instructions may invalidate any/all warranties.
-

CLEANING SOLUTIONS

In general, when used in those concentrations recommended by the manufacturer, either phenolic type or quaternary (*excluding Virex® TB*) type disinfectants can be used. Iodophor type disinfectants, Peracetic acid, Chlorine, and especially Peroxide oxygen are **not** recommended for use because staining and corrosion may result.

Suggested cleaners for the arm surfaces and clamp box:

- Quaternary Cleaners (active ingredient - ammonium chloride)
- Phenolic Cleaners (active ingredient - o-phenyl phenol)
- Chlorinated Bleach Solution (3.25% - less than 1-part bleach to 100 parts water)

Note: Do not immerse the metal parts / components in water. Rinse with clean water. Allow to air dry. Avoid over saturation and ensure that the product does not stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.



WARNING

SOME CLEANING PRODUCTS ARE CORROSIVE IN NATURE AND MAY CAUSE DAMAGE TO THE PRODUCT IF USED IMPROPERLY. If the products described above are used to clean TECHNIMOUNT equipment, measures must be taken to ensure the *Xtension Pro* are wiped with clean water and thoroughly dried following cleaning. Failure to properly rinse and dry the arm will leave a corrosive residue on the surface of the product, possibly causing premature corrosion of critical components.

Note: Failure to follow the above directions when using these types of cleaners may void this product's warranty (see page 39).

REMOVAL OF IODINE COMPOUNDS

Use a solution of 1/4 Tablespoon Sodium Thiosulfate in a pint of warm water to clean the stained area. Clean as soon as possible after staining occurs. If stains are not immediately removed, allow solution to soak or stand on the surface. Rinse surfaces, which have been exposed to the solution in clear water before returning unit to service.



CAUTION

Failure to properly clean or dispose of contaminated parts or arm components will increase the risk of exposure to blood borne pathogens and may cause injury to the patient or the operator.

PREVENTIVE MAINTENANCE

A preventative maintenance program should be established for all TECHNIMOUNT equipment. Preventative maintenance maybe required more frequently based on the usage level of the product. The *Xtension Pro* requires regular preventative maintenance. Establish and follow a preventative maintenance schedule and keep records of preventative maintenance activity (see page 40 for a form). TECHNIMOUNT recommends using the preventative maintenance record sheet to show (see page 40) and support preventative maintenance of the product.

CAUTION

A preventative maintenance program should be established for all Technimount equipment. Preventative maintenance maybe required more frequently based on the usage level of the product. Close attention should be given to safety features including, but not limited to:

- Clamp block
 - Shelf and surface plate (support surface base mount bracket)
-

WARNING

- ✓ Do not modify the shelf or any components of the system. Modifying the product can cause unpredictable operation resulting in injury to the patient or operator. Modifying the product also voids its warranty (see page 39).
 - ✓ When using maintenance products, follow the directions of the manufacturer and reference all material safety data sheets.
-

CAUTION

Improper maintenance can cause injury or damage to the product. Maintain the product as described in this manual. Use only Technimount approved parts and maintenance procedures. Using unapproved parts and procedures could cause unpredictable operation and/or injury and will void the product warranty (see page 39).

Failure to use authorized parts, lubricants, etc. could cause damage to the cot/stretchers and will void the warranty of the product.

LUBRICATION

The *Xtension Pro* has been designed to operate **without** the need for lubrication, replaced by an anodization of the metallic parts in contact, using a lubricant silicone base can be used but not necessary. If you're not sure about the product to use, please contact technical support.

REGULAR INSPECTION AND ADJUSTEMENT

Preventative Maintenance Intervals

The following schedule is intended as a general guide to preventative maintenance. Bear in mind that such factors as weather, terrain, geographical location, and individual usage will alter the required maintenance schedule. If you are unsure as to how to perform these checks please contact your Technimount Service Technician. If you are in doubt as to what intervals to follow in maintaining your product, consult your Technimount Service Technician. Check each routine and replace damaged or worn out parts if necessary.

ITEM	ROUTINE	Every (<i>whichever comes first</i>)			
		1 Month or 2 hours	3 Months or 6 hours	6 Months or 12 hours	12 Months or 24 hours
Clamp block	<ul style="list-style-type: none"> ✓ Inspect the 4 hexagon screws of the clamp block, to detect if loose, broken or unscrewed screw; If not secure, then the screw must be replaced. ✓ Inspect and re-tight the 2 bolts under the clamp block that hold the system on the cot/stretchers frame. ✓ Check fixed handle locking - working properly and no particle or obstacle, debris. ✓ Check surface base release button - locked properly ✓ Verify if the frame of the cot/stretchers is not cracked or broken surrounding the area of the clamp block. 	X			
Shelf – support device	<ul style="list-style-type: none"> ✓ Verify all locking handles intact, work well. ✓ Check the two main bolts are tighten well. ✓ Verify not bent, broken, or damaged components ✓ Verify that the system retaining shelf is secure. ✓ Verify no excessive damage to shelf ✓ Verify the locking mechanism operates properly 	X			

QUICK REFERENCE REPLACEMENT PARTS

The parts and accessories listed on these pages are all currently available for purchase. Some of the parts identified on the assembly drawing parts in this manual may not be individually available for purchase. Please call Technimount Customer Service Canada: +1.581-998-9820 or at customerservice@technimount.com or techsupport@technimount.com for availability and pricing.

Replacement Part Name / Description	Part Number
Clamp block assembly complete – Stryker cot/stretchers model	590-15-LFS-UN
Clamp block inside only – Stryker cot/stretchers model	590-14-LFS-UN
Clamp block outside only – Stryker cot/stretchers model	590-16-LFS-UN
Shelf support plate for medical device CardioHelp ONLY	590-20-LFS-MQ
Fixed Safety pin with red handle kit (3 pieces)	920-00-UN
Sticker – brand name – “Xtension Pro”	941-00-UN
Sticker – Instruction in English -	930-00-EN
Sticker – Instruction in French -	930-00-FR
OPTION	Part Number
Tubular Arm with triangle feet – right side- Anodized – yellow	400-20-UN
Side Lock pin stainless steel – NO Color -	910-00-UN
Side Lock pin stainless steel with red color anodized	910-00-PTR
Clamp block – Stryker cot/stretchers model - - LEFT SIDE INSTALLATION -	500-10-PXXXX-LFS
IV Pro Adapter – IV pole support – Right side (patient’s leg) Without Knee Gatch	511-00-UN-LFS - WHKG

CERTIFICATION - TESTING

Contact technical support or your representative for a copy of the certification related to the product.

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(Certification testing section)*

WARRANTY

TECHNIMOUNT SYSTEM a division of the Technologie CGC offers three warranties options for its products:

- One (1) year additional after the original warranty for parts and labor. Technimount warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of one (1) year after date of end of the original warranty. Technimount's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Technimount, found to be defective.
- Two (2) years additional after the original warranty for parts and labor. Technimount warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of two (2) year after date of end of the original warranty. Technimount's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Technimount, found to be defective.
- Three (3) years additional after the original warranty for parts and labor. Technimount warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of three (3) year after date of end of the original warranty. Technimount's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Technimount, found to be defective.

Note:

Please contact customer service or a representative for price and conditions.

The Xtension Pro™ is designed for a 5-year expected service life under normal use conditions, and with appropriate periodic preventative maintenance as described in the manual. Technimount warrants to the original purchaser that the welds on *the Xtension Pro* (material specifically) will be free from structural defects for the expected 5 years' service life of the product as long as the original purchaser owns the product. Original purchasers will obtain a one (1) year limited parts warranty for the clamp box components of the cot system. Technimount obligation under this one (1) year limited warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any part that is, in the sole discretion of Technimount, found to be defective.

Upon Technimount's request, purchaser shall return to Technimount's shipping warehouse any product or part (freight prepaid by Technimount) for which an original purchaser makes a warranty claim.

Any improper use or alteration or repair by unauthorized service providers in such a manner as in Technimount's judgment affects the product materially and adversely, shall void this warranty. Any repair of Technimount products using parts not provided or authorized by Technimount shall void this warranty and exclude any type of responsibility to the product or the use of it. No employee, distributor or manufacturing agent or representative of Technimount is authorized to change this warranty in any way.

WARRANTY (continued)

This statement constitutes Technimount's entire warranty with respect to the aforesaid equipment. TECHNIMOUNT SYSTEM MAKES NO OTHER WARRANTY OR REPRESENTATION EITHER EXPRESSED OR IMPLIED, EXCEPT AS SET FORTH HEREIN. THERE IS NO WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL TECHNIMOUNT BE LIABLE HEREUNDER FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR IN ANY MANNER RELATED TO SALES OR USE OF ANY SUCH EQUIPMENT.

Technimount System (Technologies CGC Inc.) warrants to the original purchaser ("Buyer") of the hardware with which this Limited Warranty is included ("Hardware") that the Hardware will be free from defects in workmanship and materials under normal use ("Defects") for a period of one (1) year from the date that the Hardware was first purchased by you ("Warranty Period"). During the Warranty Period the Hardware will be repaired or replaced ("Limited Warranty") without charge to you for either parts or labour. The parts may be repaired or replaced with either new or refurbished parts; the product may be replaced for a new or refurbished product. For this Limited Warranty "refurbished" entails parts and products, which have been returned to factory specifications. If the Hardware is repaired or replaced within the Warranty Period, the greater of the remaining warranty period will apply or three (3) months from the date of repair/replacement. If the Hardware is repaired or replaced after the Warranty Period has expired, the Warranty Period for the repair or replacement will expire three (3) months after the date of repair or replacement.

The Limited Warranty does not apply to normal wear that should result from, does not apply when the hardware or any components is opened, disassembly, or repaired by someone not authorized by the "Seller" and does not cover repair or replacement of any Hardware or part thereof damaged by: misuse, moisture, liquids, proximity or exposure to heat and accident, abuse, non-compliance with the instructions supplied with the Hardware, neglect or misapplication. The Limited Warranty does not cover physical damage to the surface of the Hardware.

The items, hardware or product define as *any type of mounting, bracket system for clipping and attaching medical equipment* is specifically designed to maintain or supporting medical equipment. It is strictly made to fill this requirement; all other use will avoid the warranty if applicable and will not involve liability of the seller (TECHNIMOUNT), on any form of the claim and may not be adapted or modified for other use.

Any repair, disassembly, work or manipulation of the components or internal mechanism or parts, without a written approbation from Technimount System will avoid warranty and any form of liability directly or indirectly to the product of use of the product automatically without any advice.

RETURN POLICY

TECHNIMOUNT RETURN POLICY

Cot/Stretcher system, as Xtension Pro, components related may be returned up to 60 days of receipt if they meet the following guidelines:

Prior to 30 Days

- ✓ 30-day money back guarantee in effect
- ✓ Technimount is responsible for all **charges (0 %)**
- ✓ Returns will not be approved on modified item

Prior to 45 Days

- ✓ Product must be unused, undamaged and in the original packaging
- ✓ Customer is responsible for a **20% restocking fee**
- ✓ Reasons of returning the product must be provided by written
- ✓ Returns will not be approved on modified item or damaged

Prior to 60 Days

- ✓ Product must be unused, undamaged and in the original packaging
- ✓ Customer is responsible for a **30% restocking fee**
- ✓ Reasons of returning the product must be provided by written
- ✓ Returns will not be approved on modified item or damaged

RETURN AUTHORIZATION

Technimount customer service department must approve any merchandise return and will provide an authorization number to be printed on any returned merchandise. Technimount reserves the right to charge shipping and restocking fees on returned items. **SPECIAL, MODIFIED, OR DISCONTINUED ITEMS NOT SUBJECT TO RETURN.**

DAMAGED MERCHANDISE

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of receipt of merchandise. **DO NOT ACCEPT DAMAGED SHIPMENTS UNLESS SUCH DAMAGE IS NOTED ON THE DELIVERY RECEIPT AT THE TIME OF RECEIPT.** Upon prompt notification, Technimount will file a freight claim with the appropriate carrier for damages incurred. Claim will be limited in amount to the actual replacement cost. In the event that this information is not received by Technimount within the fifteen (15) day period following the delivery of the merchandise, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full.

Note:

Claims for any short shipment must be made within thirty (30) days of invoice.

INTERNATIONAL WARRANTY CLAUSE

This warranty reflects Canadian domestic policy. Warranty outside the Canada may vary by country. Please contact your local Technimount representative for additional information.

INSTALLATION SUGGESTED FOR CARDIOHELP



TECHNIMOUNT

SYSTEM

TECHNIMOUNT SYSTEM

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