

XTIRPA™

INSTRUCTION AND SAFETY MANUAL
Expandable galleys system 762 mm - 1219 mm
(30» - 48») XTIRPA removable adaptor for EPI

UNIVERSAL RESCUE SYSTEM
IN-8015

MUST BE READ AND UNDERSTOOD BY THE USER BEFORE EACH USE



EC DECLARATION OF CONFORMITY (English)

Manufacturer established in the community:

*Produits de Services Publics INNOVA inc.,
1040, boul. Industriel, Granby, Québec, Canada J2J 1A4*

Declares that the following PPE product :

IN-8015 XTIRPA™ 30" – 48" (762mm - 1219mm) Mast&Davit arm system with removable adaptor for PPE

is in conformity with the provisions of the regulation (EU) 2016/425 and complies to the standard :

Personal fall Protection Equipment type B EN 795 : 2012

is identical to the PPE product which was submitted to the EC Certificate of Conformity no : 0082/1363/160/08/19/0915 delivered by :

APAVE SUDEUROPE SAS No 0082
8 rue Jean-Jacques Vernazza
Z.A.C. Saumaty-Séon - BP 193 -
13322 MARSEILLE CEDEX 16 - France

is submitted to the article 19c (module C2) of the regulation (EU) 2016/425, under the supervision of the notified body :

APAVE SUDEUROPE SAS No 0082
8 rue Jean-Jacques Vernazza
Z.A.C. Saumaty-Séon - BP 193 -
13322 MARSEILLE CEDEX 16 – France

Produced at : GRANBY, Québec Canada, October 31, 2019



Michael Parker
Quality Manager

INTRODUCTION

MISE EN GARDE

The XTIRPA system is part of a personal protection equipment system, a protection system against falls, a work and safety positioning system to be used in isolation.

The user must read, understand and respect the manual's instructions for each of the entire XTIRPA system's components and parts. These instructions must be sent to the XTIRPA system user. The manufacturer's instructions must be followed to ensure the appropriate use and maintenance of this product. Any modification or misuse of the XTIRPA system or of any of its components or parts or any failure to follow the manual's instructions can lead to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA system waiving any arising claim, right and remedy against the manufacturer.

IMPORTANT: The buyer must imperatively complete and return the limited warranty's record sheet.

The XTIRPA system was engineered for people needing a personal protection equipment system, a protection system against falls, a work and safety positioning system to be used in isolation. The XTIRPA system was engineered to act as a supporting or anchoring structure for these uses. The XTIRPA system is one of the lightest and most ergonomic systems to use in its category on the market. The XTIRPA system meets the ANSI, OSHA, CSA, and CE standards. The equipment was tested in accordance with the applicable Type B EN 795:2012 and TS16415 : 2013 standard's requirements.

Always make this Instruction and Safety manual available to any worker who needs to use the XTIRPA system. .

Before each use, the user must read, understand and follow the manufacturer's Instruction and Safety manual.

Always keep the informative and safety labels affixed on the XTIRPA system as well as those on the components and parts clean and readable. Clean or replace if necessary. New labels can be obtained on demand.

Implement a regular training program on the use of the XTIRPA system for all users, whether new or professional, as recommended thereafter in this Instruction and Safety manual. Implement a detailed inspection program for the XTIRPA system and document the results, as recommended below in this Instruction and Safety manual. Always inspect the XTIRPA system before each use and at least one a year after that.

The XTIRPA system, its components and parts have labels indicating each and everyone's maximum capacity. Exceeding this maximum capacity can not only provoke damages to the XTIRPA system, or its components or pieces, but can also lead to serious injury or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA system waiving any arising claim, right and remedy against the manufacturer.

The XTIRPA IN-8015 universal rescue system, including the components: IN-2240 or IN-2313 or IN-2426 (Mast for fall arrest and recuperation); IN-2237 (Fall arrest gallows and expandable recuperation); A2237-06 Removable support for the gallows' winch; IN-2380 Barrel adaptor;

APAVE SUDEUROPE SAS, Headquarters: 8 rue Jean-Jacques Vernazza - ZAC Saumaty-Séon -CS 60193 - 13322 MARSEILLE CEDEX 16, is the notified body concerned by the design phase and the notified body concerned by the control phase from production.

DESCRIPTION AND INTERPRETATION OF THE MARKING SYMBOLS



This symbol is used to attract the user's attention on a potential danger. The latter's safety is at risk. It is essential to follow the manufacturer's recommendations.



This symbol asks the user to read and understand this product's operation manual before using it.



This symbol specifies that the system can be used simultaneously by a maximum of 3 users.



Anchorage hardware must be qualified and experienced personnel. The installer must follow the anchorage hardware manufacturers recommendations at all times.



Inspect the installation as well as the adaptor's status at regular intervals or when the system experienced a fall. In the event of a fall or of any doubt regarding the equipment's integrity, the latter must immediately be withdrawn and inspected by a qualified person before any reuse.



Maximum allowable arrest force.



During manoeuvres and in order to avoid any serious injury, the positioning pin must be in place.



Adaptors are designed for XTIRPA equipments only or approved by the latter.

-1- APPLICATION

The XTIRPA system as well as its numerous components and parts (including the gallows, safety guard, removable adapter, permanent adapter, integrated mast and side entrance trolley) were engineered to be used as part of a personal protection equipment system, a protection system against falls, a work and safety positioning system, a staff management system, an equipment management system and a safeguard system to be used in isolation. The XTIRPA system was engineered to act as a supporting or anchoring structure for these uses.

-2- RESTRICTIONS

- a) **CAPACITY:** The maximum working load (CMT) of this product is 360lbs (164kg). According to CE (EN 795: 2012 and TS16415: 2013), use an EN-360 and / or EN-363 fall protection system or EN-1496 recovery system.
- b) The manufacturer confirms that the anchoring devices were subjected to tests in accordance with the current European standard (EN 795: 2012 Type B) and that, unless otherwise indicated, they are suitable for use by one person only with a shock absorber compliant with EN 355 .
- c) **PRECAUTIONS :** Take the necessary precautions to limit the user's injuries and the XTIRPA system's risks of damage.
- d) Using the XTIRPA system in hazardous environments may required additional precautions to limit the possibility of injuries to the user or damages to the XTIRPA system. Hazards may include but are not limited to: high temperatures, fire, flames, fumes, caustic chemical products, corrosive environments, high voltage electrical cables, sudden pressure changes, gas or toxic or explosive substances, water or risks of flooding, risk of wall, ceiling or floor collapsing, mobile machinery and sharp-edged items.
- e) Install and secure all marking and other precaution and safety measures, including without limitation, those informing users, bystanders and vehicle operators circulating near the XTIRPA system of the presence of the XTIRPA system and workers before starting the works.
- f) Wear any appropriate, certified and recommended safety equipment, including, without limitation, safety helmet, protective glasses, leather gloves, protective clothing, safety boots, harness compliant with EN 361, flashlight and respiratory system if necessary.

WARNING : The equipment must not be used beyond its limits or for purposes other than those for which it was originally intended.

WARNING: The equipment should only be used by trained and competent persons in order for this product to be used safely

- g) Always work in team composed of at least two (2) people: 1 agent and 1 worker in a closed space (the person attached to the cable or lifeline) who must be qualified and trained in using the XTIRPA system and who must have read and understood the Instruction and Safety manual before using the XTIRPA system. One person works inside the enclosed space (the person attached to the cable or lifeline) and the other (the agent) is in charge of handling the lifeline and rewind, keeping contact with the person located inside and remaining available in case of emergency. The agent ensures that, at all times, the user who attaches his/her cable or lifeline to his/her harness compliant with EN 361 is in the right position. The agent also ensures that the XTIRPA system is firmly in place and that no load imbalance can happen.

IMPORTANT : During the system installation, it is important to ensure its stability.

- h) Only use a full body harness compliant with EN 361 as well as certified cable and lifelines for every XTIRPA system's user, with appropriate specifications that were engineered and recommended for use in specialized working conditions, such as those for which the XTIRPA system was engineered, as indicated in this Instruction and Safety manual. For the installation of cables or lifeline on the 12kN certified anchor points of the crane, see section 6 paragraph 3 to 5.

IMPORTANT : When used as a PPE, the system must be equipped with an equipment limited the dynamic forces that were exerted by the user to a maximum of 6 kN (1320 LbF)..

- i) Plan your work before starting the works. One must have the required and available equipment, procedures and workers to perform the work and the latter must be qualified and trained in using the XTIRPA system and must have read and understood this Instruction and Safety manual before using the XTIRPA system.
- j) Always keep the informative and safety labels affixed on the XTIRPA system as well as those on the components and parts clean and readable. Clean or replace if necessary. New labels can be obtained on demand.

IMPORTANT : If the anchoring device's marking cannot be accessed after the use, an additional marking located near the anchoring device is recommended.

WARNING : Any alteration or addition to the equipment cannot be performed without the manufacturer's prior written consent and any repair must be performed in accordance with the manufacturer's method of operation.

WARNING: It is established and agreed that the equipment (system) is reserved for the use of a maximum of three people.

- k) Do not exceed 360lbs (164kg) per anchor, the maximum work load (CMT) of the system.
- l) Follow all the laws, regulations and standards that rule the work, entrance and exit in a closed space.
- m) Any person who hasn't read this Instruction and Safety manual, who hasn't been trained in using the XTIRPA system and who does not understand all the instructions related to the

operation, security, maintenance, repair, and storage contained in this Instruction and Safety manual and in any other recommendation provided by the manufacturer or his qualified trainers, is not qualified to operate the XTIRPA system and does it at his/her own risks and, doing so, waives all arising claims, rights and remedy against the manufacturer.

- n) Make sure to respect the requirements related to the anchoring device (such as the floor adapter, wall adapter, recessed wall, etc.) or to the structure chosen to serve as an anchoring point, and in particular, the minimum required resistance, adequacy and position.

WARNING : Anchoring devices must only be installed by competent people or organization.

- o) The maximum force applied by the system to the structure is, a vertical force of 14kN according to EN362, EN795: 2012 CE and TS16415: 2013 on the anchor to which the system is attached.

WARNING : Installation must be checked appropriately, for example, through calculations or tests.

WARNING : The fitness for use of the base materials', structural anchor's or fastening component, if any, must be considered by taking into account the loads registered on the anchoring device during the dynamic resistance and integrity tests.

- p) A safety plan must be established in order to face any emergency that could arise during work.

WARNING : Any alteration or addition to the equipment cannot be performed without the manufacturer's prior written consent and any repair must be performed in accordance with the manufacturer's method of operation.

WARNING: It is established and agreed that the equipment (system) is reserved for the use of a maximum of three people.

WARNING : The XTIRPA system must be placed on a hard and leveled surface. Do not use the XTIRPA system on a soft ground, such as, but not limited to sand, grass, gravel and pebbles. If you have questions related to the use, maintenance or adequacy of the XTIRPA system for your application, please contact the PSP INNOVA INC. manufacturer.

WARNING : To ensure security during the use of the fall arrest system, it is essential to make sure that there is enough clearance below the user, so as to avoid any injury. If any fall were to occur, there should be enough clearance to avoid a collision between the ground and any other obstacle. See the diagram of the air draft calculation in section 8.

XTIRPA SYSTEM REQUIREMENTS

IMPORTANT : If you have questions related to the use, maintenance or adequacy of the XTIRPA system for your application, please contact the PSP INNOVA INC. manufacturer.

IMPORTANT : Enter the product's ID number indicated on the ID label on the maintenance and inspection sheet contained in this Instruction and Safety manual.

IMPORTANT : Enter the date of purchase as well as the date of the first use on the maintenance and inspection sheet contained in this Instruction and Safety manual.

IMPORTANT : In the event that the handling/positioning winch is required, this option is offered to you with the addition of an adaptor located at the bottom of the gallows. You will have to repeat steps 10-11-12 for the installation of the lifeline/winch. Should you have any questions concerning the use, maintenance or appropriateness of the XTIRPA system for your application, please contact the PSP INNOVA INC. manufacturer.

- a) The XTIRPA system was engineered to be used as part of a personal protection equipment system, a protection system against falls, a work and safety positioning system, a staff management system, an equipment management system and a safeguard system to be used in isolation. The XTIRPA system was engineered to act as a supporting or anchoring structure for these uses. The XTIRPA system must only be used with adaptors, anchorages, connectors (EN 362), other components, parts or sub-systems that are certified, approved and recommended by the manufacturer.

WARNING : It is imperative to never use this system both with staff and for handling equipment purposes.

- b) Substitutes or replacements created with adaptors, anchorages, connectors (EN 362), other components, parts, or subsystems may not be compatible, may jeopardize the safety and reliability of the XTIRPA system assembly, and may cause serious injury or death, for which the manufacturer waives any and all warranty or responsibility, the user, owner, and buyer of the XTIRPA system renouncing to any arising claims, rights, and remedies against the manufacturer.
- c) The connectors (EN 362) (hooks, carabiners, D-rings) must meet the EN362 standard.
- d) Ensure that the cable or lifeline is directly placed above the working area. Only use cables or lifelines that are certified and in perfect functioning state, with the appropriate specifications, including the maximum lifting capacities for the XTIRPA system's intended use.
- e) The owners must ensure that, before each use, any users of the XTIRPA system users have read, understood, and will follow the manufacturer's Instruction and Safety manual.

- f) The owners must also ensure that all users were trained to use the XTIRPA system before allowing them to use the XTIRPA system, as well as at least once a year thereafter.
- g) A person who hasn't read the Instruction and Safety manual, who hasn't been trained to use the XTIRPA system and who doesn't understand all the operation and safety instructions, is not qualified to use the XTIRPA system. A user who wasn't trained exposes others and himself/herself to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA system waiving any arising claim, right and remedy against the manufacturer.
- h) Refer to and follow all EN standards or other local standards and regulations. Observe all the requirements of your local regulations for your applications.
- i) See the other important operating and safety instructions contained below in this Instruction and Safety manual.
- j) Enough information must be given to ensure the compatibility of the equipment's various items when they are assembled into a system.

WARNING : A danger may occur during the use of several items in which the safety feature of one of the items is affected by or interferes with the safety feature of another item.

WARNING : It is essential for the user's safety, if the product is resold outside the first destination country, that the reseller provides the user guide, instructions for maintenance, for periodic exams, as well as instructions for repairs, in the language of the country where the product is being used. It is also important to provide any required additional information that is specific to the equipment.

WARNING : Any person suffering from medical conditions that may affect the user's safety during the normal use of the equipment and in case of emergency must refrain from using the system.

- k) The service life of XTIRPA system, and of its components, will be determined following the conclusions of periodic and monthly verifications which determine if the product shall remain in service or not until the system's decommissioning.

WARNING : If it was used to stop a fall, it should no longer be used until a qualified person authorizes its reuse in writing.

WARNING : The user's safety is directly associated to the efficiency of the equipment's maintenance and integrity.

MAINTENANCE/REPAIRS/STORAGE

- a) Before each use, the user must read, understand and follow the manufacturer's Instruction and Safety manual. Ensure that markings are visible at all times.
- b) Before each use, inspect carefully the XTIRPA system as well as all its components and parts. Any faulty part or component could lead to serious injury or even death.
- c) The standards require a regular inspection program for all confined space entry / retrieval equipment, as well as keeping up-to-date documented results of these inspections. Use the maintenance and inspection sheet included in this instruction and safety manual to document your results.
- d) It is recommended to mark the next or latest inspection date on the anchoring device.
- e) Decommission the XTIRPA system if a problem, a non secure or faulty condition is discovered during the inspection. Return to an authorized service center or to the manufacturer for repair.
- f) The replacement of components and parts, as well as any additional service and repair must be performed by an authorized service center that was approved by the manufacturer or by the manufacturer himself.
- g) If the adjustable supporting legs of the expandable coupling system for XTIRPA vehicles and counterbalanced forklifts do not move freely, you must lubricate them with a light machine oil.
- h) Establish a yearly inspection procedure which will be performed by a competent person (someone who is familiar with, was trained and has read and understood this Instruction and Safety manual completely) other than the user.

WARNING : A periodic exam must be performed at least once every twelve months.

- i) Clean the XTIRPA system periodically with water and a mild detergent. Clean labels when necessary.
- j) During the descent of removable systems, it is important to place them softly on the ground in order to avoid not to damage the components.
- k) Store the XTIRPA system in a dry and clean area, protected from direct sunlight. Avoid places with fumes, chemical or toxic substances or environments. Do not immerse or leave in direct contact with water since this could lead to corrosion and rust. Inspect the XTIRPA system after every prolonged storage period and at least once a month.
- l) The XTIRPA system was engineered to last more than 10 years in continuous service. However the service life of XTIRPA system, and of its components, will be determined following the conclusions of periodic and monthly verifications which determine if the product shall remain in service or not until the system's decommissioning.
- m) Each component of the XTIRPA system should be stored in an individual bag to facilitate transport and handling.

WARRANTY

The XTIRPA system, offered by the PSP INNOVA INC. manufacturer, is warranted against all defects in material and labor for a (2) two-year period from the date of purchase, this warranty does not protect the XTIRPA system's initial buyer. The manufacturer will promptly repair or replace all the components or parts that he deemed faulty, the manufacturer reserves the right to ask for the allegedly faulty part to be return to his factory, before performing any repair or replacement.

Only the components and parts that were deemed faulty by the manufacturer, at his sole discretion and following any required inspection performed by the manufacturer, will either be repaired or replaced by the manufacturer, whichever he chooses to perform.

Any claim must be sent in writing to the manufacturer immediately after the owner discovered the problem and must be accompanied by a copy of the initial buyer's proof of purchase. The manufacturer will issue a complain number and will provide specific instructions related to the complains procedures and the return of the faulty part that will have to be followed, if required by the manufacturer. The owner will be collaborate with the manufacturer and his representatives in order to allow for the inspection of every part allegedly faulty. All the incurred transport costs associated to the return of the faulty components and parts to the manufacturer's factory must be paid by the owner, as the transport fees to associated to the return of the replacement components and parts will be covered by the manufacturer.

This warranty does not cover any damage to the equipment resulting from any cause other than a defect in manufacturing and labor, including without limitation, any damage resulting from any abuse, lack of maintenance, inadequate handling or storage, intentional damage, vandalism, accidental damage or damage resulting from an impact or a collision, damage during transport, damage caused by fire, by an explosion, by vapors, chemical, toxic or corrosive substances or environments, water, normal corrosion and rust, storms, hail and any act of God, war, insurrection, terrorist act or any other damage beyond the reasonable control of the manufacturer. This warranty only applies to the initial buyer and is the only applicable warranty of the XTIRPA system instead of any other warranty, either express or implied. Without limiting the generality of the foregoing, the manufacturer will not be responsible for any costs, damages or claims, including any special, accidental, indirect, or consequential damages, including but not limited to any loss of revenue or anticipated profits, business interruption, personal injury, failure to comply with any obligation, done in good faith or any neglect or default in good faith, any financial loss or any other loss, arising from or related in any way to the use or impossibility to use the XTIRPA system, even in case of a fault, of a wrongdoing (including negligence), of a strict liability, of a breach or contract or breach of warranty, and even if the manufacturer was informed of the possibility of such damages. The manufacturer declines any other warranty and condition, either express, implied or statutory, including, but not limited to, any warranty or condition of merchantability, fitness for particular use or application and for lack of negligence or professional diligence.

IMPORTANT : The buyer must imperatively complete and return the limited warranty's record sheet for each product..

DESCRIPTION OF THE XTIRPA SYSTEM

WARNING

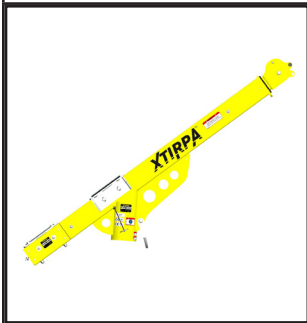
The XTIRPA system is part of a personal protection equipment system, a protection system against falls, a work and safety positioning system, a staff management system, an equipment management system and a safeguard system to be used in isolation. The XTIRPA system was engineered to act as a supporting or anchoring structure for these uses. The user must read, understand and respect the manual's instructions for each of the entire XTIRPA system's components and parts. These instructions must be communicated to the XTIRPA system user. The manufacturer's instructions must be followed to ensure the appropriate use and maintenance of this product. Any modification or misuse of the XTIRPA system or of any of its components or parts or any failure to follow the manual's instructions can lead to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA system waiving any arising claim, right and remedy against the manufacturer.

DESCRIPTIONS :

(See illustrations on the next page)

- Expandable gallews 762mm-1219mm (30" - 48") : IN-2237 (illustration 1)
- Mast 102mm (4") for gallews in-2237, height 500mm (19.7") : IN-2426 (illustration 2)
- Mast 102mm (4") for gallews in-2237, height 1067mm (42") : IN-2240 (illustration 3)
- Mast 102mm (4") for gallews in-2237, height 1524mm (60") : IN-2313 (voir illustration 4)
- Barrel adaptor 102 mm (4") 254 mm to 432 mm (10"-17") : IN-2380 (voir illustration 5)
- Removable support for gallews' winch IN-2237 : A2237-06 (voir illustration 6)
- Expandable gallews system 762 mm - 1219 mm (30" - 48"), XTIRPA removable adaptor for EPI : IN-8015 (voir illustration 7).

EXTENSIBLE STEM 762mm
- 1219mm (30" - 48"): IN-
2237 with removable support
A2237-06



MAST IN-2240 or IN-2313
or IN-2426



102mm (4") Barrel adaptor
254mm to 432mm (10
" - 17")

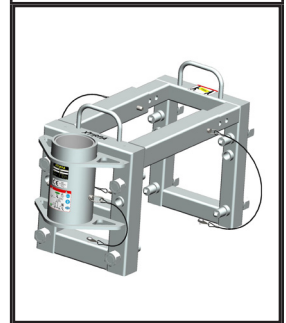


Illustration 1
IN-2237



Illustration 2
IN-2426



Illustration 3
IN-2240



Illustration 4
IN-2313



Illustration 5
IN-2380

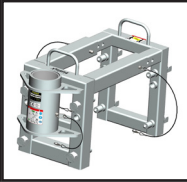


Illustration 5
A2237-06



Illustration 7
IN-8015



WARNING : The XTIRPA system is part of a personal protection equipment system, a protection system against falls, a work and safety positioning system, a staff management system, an equipment management system and a safeguard system to be used in isolation. The XTIRPA system was engineered to act as a supporting or anchoring structure for these uses. The user must read, understand and respect the manual's instructions.








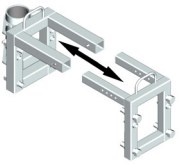
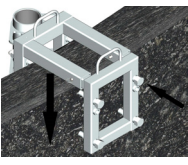
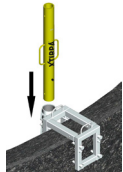
WARNING : These instructions must be communicated to the XTIRPA system user. The manufacturer's instructions must be followed to ensure the appropriate use and maintenance of these products. Any modification or misuse of the XTIRPA system or of any of its components or parts or any failure to follow the manual's instructions can lead to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA system waiving any arising claim, right and remedy against the manufacturer.

IMPORTANT : If you have questions related to the use, maintenance or adequacy of the XTIRPA system for your application, please contact the PSP INNOVA INC. manufacturer.

IMPORTANT : Enter the product's ID number indicated on the ID label on the maintenance of the XTIRPA system and inspection sheet contained in this Instruction and Safety manual.

-6- OPERATION, INSTALLATION AND USE OF THE XTIRPA SYSTEM


SYSTEM'S OPERATION AND USE GALLOWS WITH MAST AND BARREL ADAPTOR

<p>1. Ensure that all components and parts are in perfect operating condition and that everything works properly.</p>				
				
<p>2. Remove the retention pins. Adjust both parts of the adaptor to get a distance that is barely greater than the low wall on which it is installed. Replace the retention pins making sure that the marble is visible from the other side.</p>				
<p>3. Install the adaptor onto the low wall and tighten the 8 bolts so that they all come into contact with the low wall.</p>				
<p>4. Insert the mast into the barrel adaptor's receptacle.</p>				

5. Lock using the pin.




6. Install the gallows' receptacle on the mast.




7. Lock using the pin.




8. Install the lifeline or winch onto the gallows' support designed to receive this type of equipment.




9. Use the locking pin provided along with the lifeline or winch support and lock with the latter.



10. A second lifeline or winch can be installed on the jib. Install the lifeline or additional winch on the support of the jib designed to receive this type of equipment. Use the locking pin supplied with the lifeline or winch support and lock everything with the latter.



11. A third lifeline can be installed on the gray "D" anchor point.



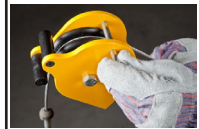
12. Remove the retaining pin.



13. Pass the cable or lifeline or winch cord through one of the pulleys located at the end of the gallows. Ensure that the cable or cord was passed through safely and is firmly in place.



14. Replace the retaining pin.



15. Remove the locking pin from its location at the center of the gallows.



16. Extend the gallows' extension to the desired length and lock using the pin.



IMPORTANT : In the event that a handling/positioning winch is required, this option is offered to you with the addition of an adaptor located at the bottom of the gallows. Steps 6-7-8 to install the lifeline/winch will have to be repeated. If you have questions related to the use, maintenance or adequacy of the XTIRPA system for your application, please contact the PSP INNOVA INC. manufacturer.

TO INSTALL A SECOND HANDLING WINCH OR LIFELINE. FOLLOW THE FOLLOWING STEPS USING THE REMOVABLE BRACKET FOR THE A2237-06 HANDLING WINCH



WARNING : It should be noted that only the plates, supports and adaptors that were certified, approved and recommended by the manufacturer can be used.

IMPORTANT : If necessary, use a safety guard to secure the work space to avoid any falls.

IMPORTANT : Ensure that the cable or lifeline is directly placed above the working area. Only use cables or lifelines that are certified and in perfect functioning state, with the appropriate specifications, including the maximum lifting capacities for the XTIRPA system's intended use.

WARNING : The XTIRPA system must be placed on a hard and leveled surface. Do not use the XTIRPA system on a soft ground, such as, but not limited to sand, grass, gravel and pebbles. If you have questions related to the use, maintenance or adequacy of the XTIRPA system for your application, please contact the PSP INNOVA INC. manufacturer .

WARNING : Any system must immediately be removed from circulation: if the security is questioned or if it was used to stop a fall. It is imperative to immediately stop using the system until a competent person authorizes in writing the product's integrity before it can be used again.

WARNING : In the case of fall arrest systems and to ensure the user's safety, the anchoring device or anchorage point must always be placed correctly and the work must be performed in a way that reduces the risk of falls as well as the height of falls. The anchoring device or anchorage point must imperatively be placed above the user's position.

WARNING : With the use of a fall arrest system and to ensure safety, please check the clearance below the user in the work place before every possible use, so that in case of a fall, no collision with the ground can occur and no obstacle can be found on the trajectory.

IMPORTANT : A certified fall arrest harness is the only body harness device that can be used in a fall arrest system.

IMPORTANT : The fall arrest harness must be fastened to the system's cable or lifeline by the fall arrest suspension point of the harness.

WARNING : The instruction and safety manual must be followed to ensure the appropriate use and maintenance of this product. Any modification or misuse of the XTIRPA system or of any of its components or parts or any failure to follow the manual's instructions can lead to serious injuries or death, for which the manufacturer refuses any warranty or responsibility, the user, owner and buyer of the XTIRPA system waiving any arising claim, right and remedy against the manufacturer.

THE FOLLOWING INFORMATIVE AND SAFETY LABELS MUST BE CLEAN AND READABLE AT ALL TIMES

XTIRPA™
IN-2197
Davit-Arm 96"

Standards:
Metric CE standards
EN 785:2012 and TS 15415:2013

Maximum Working Load:
350 lb (164 kg) per anchor

Materials:
Aluminum, Stainless Steel, Delrin™

Inspection:
Before each use, inspect the XTIRPA system to determine that it is in perfect working condition. At least once a month, the portable manhole guard and other components of the XTIRPA system should be inspected by a competent person in accordance with the user's instruction and safety manual.

Do not use if inspection reveals a problem, an unsafe or defective condition. Must not be repaired by other than manufacturer or an authorized service center.

Not user repairable.

Installation and use:
Ensure that all components and parts are in perfect working condition and working properly. Make sure that your anchoring point is in perfect working condition. Install the davit-arm completely over the mast and ensure that it is free to rotate. Install the mounting plate on the davit-arm at the desired location (depending on the winch model). Mount the winches with their supports on the mounting plate and lock with pins. Pass the winch cables through the roller and feed guides and over the pulley that are on the same side of the winch. Adjust as needed the roller guide assembly to obtain a minimum winch cable deflection.

It is very important that the winch cables are free to slide through the guides and that there is no pinch points.

Warnings:
For all other mast applications, consult manufacturer or distributor.

Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death, for which manufacturer and distributor disclaim all warranties and liabilities whatsoever. User, owner and purchaser of the XTIRPA system waiving all claims, rights and recoveries against manufacturer and distributor derived there from.

Product manufactured by:
Honey Bee, Inc. (Division of)
1045 Bldg. #1000
New Hope, CO, Colorado, 81444
www.honeybee.com
32197-012 RevB

Made in Canada

XTIRPA™
IN-2237
Davit-Arm 30" to 48"

Standards:
Metric CE standards
EN 785:2012 and TS 15415:2013

Maximum Working Load:
350 lb (164 kg)

Materials:
Aluminum, Stainless Steel, Delrin™

Inspection:
Before each use, inspect the XTIRPA system to determine that it is in perfect working condition. At least once a month, the portable manhole guard and other components of the XTIRPA system should be inspected by a competent person in accordance with the user's instruction and safety manual.

Do not use if inspection reveals a problem, an unsafe or defective condition. Must not be repaired by other than manufacturer or an authorized service center.

Not user repairable.

Installation and use:
Ensure that all components and parts are in perfect working condition and working properly. Make sure that your anchoring point is in perfect working condition. Install the davit-arm completely over the mast and ensure that it is free to rotate. Install the mounting plate on the davit-arm at the desired location (depending on the winch model). Mount the winches with their supports on the mounting plate and lock with pins. Pass the winch cables through the roller and feed guides and over the pulley that are on the same side of the winch. Adjust as needed the roller guide assembly to obtain a minimum winch cable deflection. It is very important that the winch cables are free to slide through the guides and that there is no pinch points.

Warnings:
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Product manufactured by:
Honey Bee, Inc. (Division of)
1045 Bldg. #1000
New Hope, CO, Colorado, 81444
www.honeybee.com
32237-012 RevB

Made in Canada

XTIRPA™
IN-2240
Mast

Standards:
Metric CE standards
EN 785:2012 and TS 15415:2013

Maximum Working Load:
350 lb (164 kg)

Materials:
Aluminum, Stainless Steel

Inspection:
Before each use, inspect the XTIRPA system to determine that it is in perfect working condition. At least once a month, the portable manhole guard and other components of the XTIRPA system should be inspected by a competent person in accordance with the user's instruction and safety manual.

Do not use if inspection reveals a problem, an unsafe or defective condition. Must not be repaired by other than manufacturer or an authorized service center.

Not user repairable.

Installation and use:
Ensure that all components and parts are in perfect working condition and working properly. Make sure that your anchoring point is in perfect working condition. Remove retaining pin of the anchor adapter, insert stainless-steel approved and certified fixed or mobile adapter. Proceed to install base of mast into desired receptacle and lock system using the retaining pin at all times.

Warnings:
For all other mast applications, consult manufacturer or distributor.

Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death, for which manufacturer and distributor disclaim all warranties and liabilities whatsoever. User, owner and purchaser of the XTIRPA system waiving all claims, rights and recoveries against manufacturer and distributor derived therefrom.

Product manufactured by:
Honey Bee, Inc. (Division of)
1045 Bldg. #1000
New Hope, CO, Colorado, 81444
www.honeybee.com
32240-110 RevD

Made in Canada

XTIRPA™
IN-2313
Mast

Standards:
Metric CE standards
EN 785:2012 and TS 15415:2013

Maximum Working Load:
350 lb (164 kg)

Materials:
Aluminum, Stainless Steel

Inspection:
Before each use, inspect the XTIRPA system to determine that it is in perfect working condition. At least once a month, the portable manhole guard and other components of the XTIRPA system should be inspected by a competent person in accordance with the user's instruction and safety manual.

Do not use if inspection reveals a problem, an unsafe or defective condition. Must not be repaired by other than manufacturer or an authorized service center.

Not user repairable.

Installation and use:
Ensure that all components and parts are in perfect working condition and working properly. Make sure that your anchoring point is in perfect working condition. Remove retaining pin of the anchor adapter, insert stainless-steel approved and certified fixed or mobile adapter. Proceed to install base of mast into desired receptacle and lock system using the retaining pin at all times.

Warnings:
For all other mast applications, consult manufacturer or distributor.

Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death, for which manufacturer and distributor disclaim all warranties and liabilities whatsoever. User, owner and purchaser of the XTIRPA system waiving all claims, rights and recoveries against manufacturer and distributor derived there from.

Product manufactured by:
Honey Bee, Inc. (Division of)
1045 Bldg. #1000
New Hope, CO, Colorado, 81444
www.honeybee.com
32313-110 RevD

Made in Canada

WARNING

RESCUE ANCHOR POINT

RATED: 5000lbf (22kN)

S2219-012 RevB

XTIRPA™

S2197-005 RevA

25-30 lbf-pi (34-41 N-m)

1 MAX

ISO

S2192-001 RevA

XTIRPA™

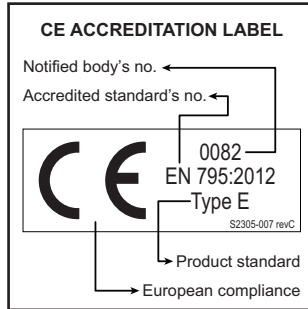
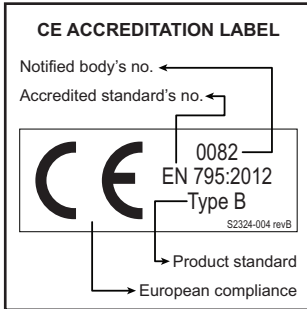
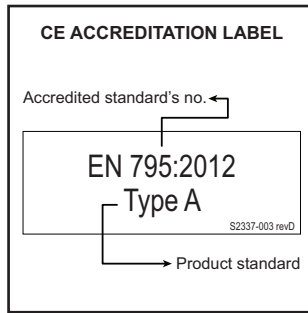
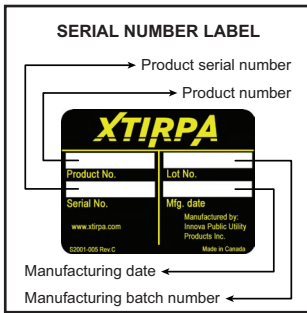
0°

≤ 1350 lbf (6 kN)

360 lbf (164 kg)

17,280 lbf·ft (1,852 N-m)

S2300-001 RevD



Products manufactured by:
Innovo Public Utility Products inc.
1040 boul. Industriel, Granby, QC, Canada J2J 1A4
www.xtirpa.com

XTIRPA™

**IN-2426
Mast**

Standards:

Meets CE standards
EN 795:2012 and TS 16415:2013

Maximum Working Load:

360 lb (164 kg)

Materials:

Aluminum, Stainless Steel

Inspection :

Before each use, inspect the XTIRPA system to determine that it is in perfect working condition.

At least once a month, the portable manhole guard and other components of the XTIRPA system should be inspected by a competent person in accordance with the User's Instruction and safety manual.

Do not use if inspection reveals a problem, an unsafe or defective condition. Must not be repaired by other than manufacturer or an authorized service center.

Not user repairable.

Installation and use :

Ensure that all components and parts are in perfect working condition and working properly. Make sure that your anchoring point is in perfect working condition. Remove retaining pin of the anchor adaptor, mast extension or/and approved and certified fixed or mobile adaptor. Proceed to install base of mast into desired receptacle and lock system using the retaining pin at all times.

Warnings :

For all other mast applications, consult manufacturer or distributor.

Manufacturer's instructions must be followed for proper use and maintenance of this product.

Alterations or misuse of this product or failure to follow instructions may result in serious injury or death, for which manufacturer and distributor disclaim all warranties and liabilities whatsoever. User, owner and purchaser of the XTIRPA system waiving all claims, rights and recourses against manufacturer and distributor derived there from.

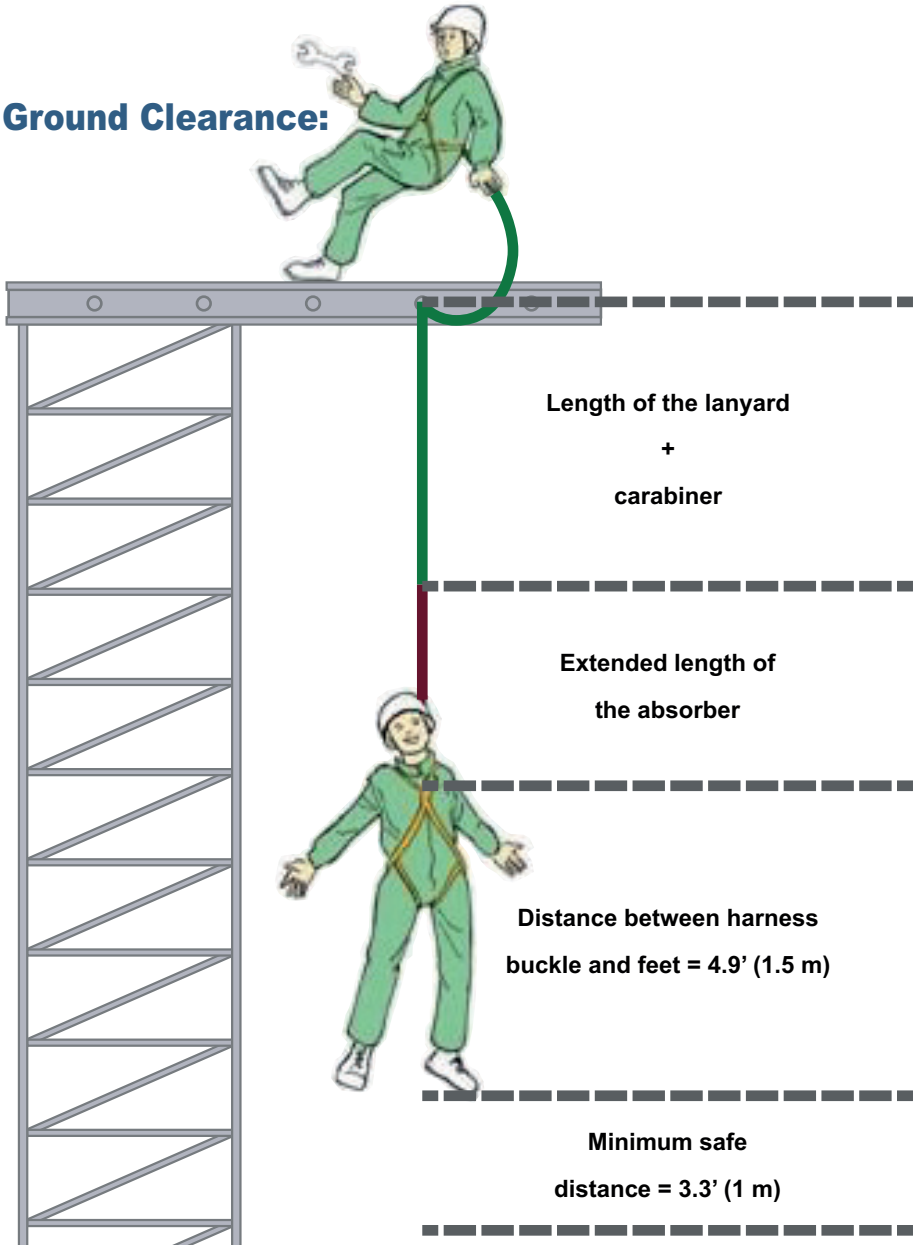


S2426-102 revD

Made in Canada

-8-
CALCULATION DIAGRAM

Ground Clearance:



Pay attention to the distance to the ground!

This warranty applies only to the original purchaser and is the only one applicable to the Xtirpa System, and is in lieu of all other warranties, expressed or implied. The purchaser has to complete and return to INNOVA Public Utility Products Inc., all information within thirty days of purchase. Otherwise limited warranty will be void, if the product is not registered.

Register now: Mail or fax this registration form or visit our web site and register online.
Mail: INNOVA Public Utility Products Inc., 1040, boul. Industriel, Granby J2J 1A4
Fax: (450) 372-9936
Web site: www.xtirpa.com

XTRIPA PRODUCT

Model number: _____ Purchasing date: _____

Serial number: _____ Manufacturing date: _____

CUSTOMER / USER INFORMATION

Company: _____ Phone: _____

Street address: _____ Fax: _____

City: _____ State: _____ E-Mail: _____

Zip: _____

Name: _____

Position: _____

Do you wish to be on Innova's mailing list

for new product literature: YES NO

*Any failure to follow the Manufacturer's instructions contained in the instruction and safety manual, including with regard to the inspection and maintenance of the XTRIPA system and of components and parts thereof, will cause warranty to become null and void and may result in serious injury or death of the user, for which the Manufacturer disclaims all warranties and liabilities whatsoever, user, owner and purchaser of the XTRIPA system waiving all claims, rights and recourses against Manufacturer and derived there from.

Manufactured by: INNOVA Public Utility Products Inc. 1040 boul. Industriel, Granby, Quebec, Canada J2J 1A4

Tel: (450) 777-1240 Fax: (450) 372-9936

XTIRPATM

CONFINED SPACE SAFETY SOLUTIONS

Canada Head Office Manufacturing Plant
Innova Public Utility Products Inc.
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J2J 1A4

Phone : 450.777.1240
Toll free : 1.800.461.1937

www.xtirpa.com



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