



# **XTIRPA™**

**CONFINED SPACE SAFETY SOLUTIONS**

BY **INNOVA** REINVENTING  
SAFETY  
PUBLIC UTILITY PRODUCTS INC.

# AS SIMPLE AS ADVANCED

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## COMMITMENT TO SAFETY

THE STRONGEST PRODUCT ON THE MARKET,

INNOVA offers its worldwide customers uncompromising high quality and innovative systems. INNOVA with its XTIRPA™ Fall Protection and Rescue line of products will always meet the most demanding fall protection requirements. We are firm believers that ambiguities are hazardous to workers. That is why all XTIRPA™ systems are **AFA** **(ALWAYS FALL ARREST)** in all recommended positions of use.

ALL  
WAYS

FALL  
ARREST

# HOW TO CHOOSE YOUR SYSTEM

## DO YOU NEED A VERTICAL OR HORIZONTAL SYSTEM?

### VERTICAL ENTRY

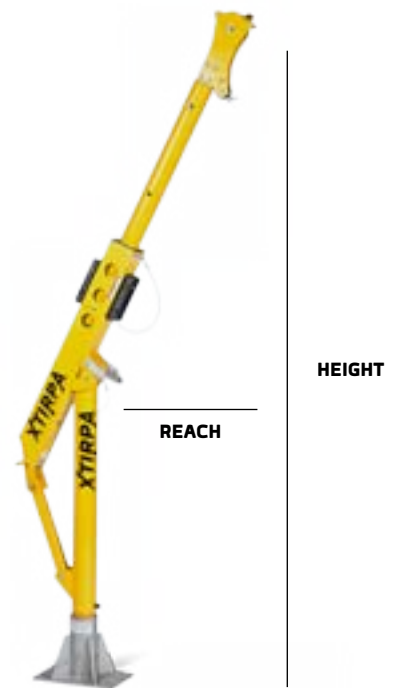
Consider Vertical Entry Solutions if accessing the top of a tank, an underground utility vault, manhole, shaft, duct, pipe, pit, or degreaser.

### HORIZONTAL ENTRY

Consider Horizontal Entry Solutions if accessing the side of a boiler, tunnel, cellular double-bottom tank, duct keel, ballast or oil tank or void space.

## IF CHOOSING A VERTICAL ENTRY SYSTEM, WHAT REACH AND HEIGHT ARE REQUIRED?

Determine reach to the center of the entry point while considering overhead clearance limitations.





# XTIRPA™ SYSTEM OVERVIEW



**XTIRPA™ MANHOLE GUARD SYSTEM**  
Use where an entry point needs to be guarded and when installation of an adapter base is not possible. (Anchor point is incorporated into structure of this system.)

p. 6–7



**XTIRPA™ ADAPTER BASE SYSTEM  
24" (610 mm) REACH**  
Portable Mast and Davit Arm Assembly; use where base can be permanently fixed to an existing structure.

p. 8–11



**XTIRPA™ HITCH MOUNT SYSTEM**  
Use with vehicles or anchor systems to access typical vertical entry points, or rescue and retrieval over the side of a bridge or edge of settling pond.

p. 12–13



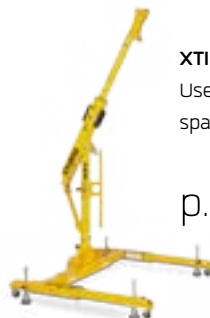
**XTIRPA™ MANHOLE COLLAR SYSTEM**  
Designed for applications involving frequent setups over similarly sized access openings.

p. 14–16



**XTIRPA™ RATCHET MANHOLE COVER LIFTER**  
Designed for easy handling of manhole covers. Ratchet system offers an ergonomically safe way to lift the toughest lids with less strain.

p. 17



**XTIRPA™ FREE STANDING H-BASE SYSTEM**  
Use to access various confined space entry points in same area.

p. 18–19



**Xtirpa™ ADAPTER BASE SYSTEM**  
**30" - 48" (762 mm - 1219 mm) REACH**

Portable Mast and Davit Arm Assembly; use where base can be permanently fixed to an existing structure.

p. 20-21



**XTIRPA™ COUNTERWEIGHT SYSTEM**

Portable anchor base for 30"-48" (762 mm - 1219 mm) davit arm for greater reach.

p. 22-23



**Xtirpa™ ADAPTER BASE SYSTEM**  
**60" - 96" (1524 mm - 2438 mm) REACH**

Portable Mast and Davit Arm Assembly; use where base can be permanently fixed to an existing structure.

p. 24-25



**XTIRPA™ POLE HOIST SYSTEM**

Use for vertical entry/retrieval or horizontal retrieval in areas of limited space.

p. 26-27



**SELF RETRACTING LIFELINES  
AND SRL BRACKETS**

p. 28-29



**CONFINED SPACE  
BLOWERS EXHAUSTERS**

p. 30-31



**HARNESSES**

p. 32



**GOTCHA™ RESCUE KIT  
AND TELESCOPIC HOTSTICKS**

p. 33



**CARRYING BAGS AND REPLACEMENT PARTS**

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# XTIRPA™ MANHOLE GUARD SYSTEM

## XTIRPA™ DAVIT ARM

IN-2210, 24" (610 mm) REACH

## XTIRPA™ MOUNTING BRACKET

A2002-31

Equipped with 5,000 lb (2268 kg) rated anchor point.

## XTIRPA™ STABILIZER FOR MANHOLE GUARD

A2108-18

For increased stability of the system. Designed to be used with 24" (610 mm) davit arm IN-2210 and manhole guard.



## XTIRPA™ MULTIFUNCTIONAL BARRICADE IN-2101

Extend your work area with an additional barricade.








## MANHOLE GUARD WITH INTEGRATED MAST 42" (1067 mm) IN-2108

Available in 42" (1067 mm) and 52" (1321 mm) sizes with adjustable feet.

Different feet configurations available. See page 34.

Manhole guard systems are used when an exposed entry point needs to be guarded. This portable system has an integrated mast which is used in conjunction with a davit arm to provide fall protection, entry and retrieval capabilities. The manhole guard system facilitates access to underground chambers or any other type of confined spaces where an entry point should be protected. Davit arm is equipped with 5000 lb (2268 kg) anchor point.

**WEIGHT CAPACITY - 420 lb (191 kg)  
with manhole guard system.**

CATEGORY	PRODUCT NAME AND #	DESCRIPTION
DAVIT ARM		
	<b>DAVIT ARM WITH 24" (610 mm) REACH</b> IN-2210	24" (610 mm) davit arm with secondary block adapter for fall protection and retrieval facilitates access to confined spaces. Used in conjunction with mast IN-2003 and appropriate Xtirpa™ base/system or manhole guard IN-2108. Equipped with 5,000 lb (2268 kg) anchor point. Unit weight 33 lb (15 kg).
MANHOLE GUARDS		
	<b>MANHOLE GUARD WITH INTEGRATED MAST 42" (1067 mm)</b> IN-2108	Portable manhole guard with integrated mast which is used in conjunction with a 24" (610 mm) davit arm for confined spaces fall protection and retrieval. It is 42" H x 38" W x 38" D (1067mm H x 965mm W x 965mm D). Comes with adjustable feet for simple leveling of system. Unit weight 29 lb (13kg).
	<b>LARGE MANHOLE GUARD WITH INTEGRATED MAST 42" (1067 mm)</b> IN-2324	Large portable manhole guard with integrated mast which is used in conjunction with the 24" (610 mm) davit arm for confined spaces fall protection and retrieval. It is 42" H x 52" W x 52" D (1067mm H x 965mm W x 965mm D). Comes with adjustable feet for simple leveling of system. Unit weight 44 lb (20kg).
	<b>MULTIFUNCTIONAL BARRICADE, 4-SIDES OR 1-SIDE</b> IN-2101, A2101-07	Multifunctional portable barricade allows worker to assemble additional sections as needed to create a safe working area. 42" H x 38" W x 38" D (1067mm H x 965mm W x 965mm D). For use with portable manhole guard IN-2108 or IN-2324. One-side unit weight 7 lb (3kg). Four-sides unit weight 28 lb (12kg).
PLATE PROTECTOR		
	<b>KICK PLATE FOR MANHOLE GUARDS &amp; BARRICADE</b> IN-2176	Kick plate for portable manhole guards and barricade to help prevent objects at foot level from entering confined space. 6" H x 37.5" L x 0.063" W (thickness) (152mm H x 953mm L x 1.6mm W).
STABILIZER		
	<b>STABILIZER FOR 42" (1067 mm) MANHOLE GUARD</b> A2108-18	Stabilizer for IN-2108 or IN-2324 portable manhole guards. For use with self-retracting lanyards over 50 feet (15.2m) for increased stability of system. May be used with other winching mechanisms; either material-handling winch or man-handling winch.
	<b>STABILIZER WITH WHEELS FOR 42" (1067 mm) MANHOLE GUARD</b> A2108-20	Stabilizer with wheels for 42" (1067 mm) portable manhole guard. For use with self-retracting lanyards over 50 feet (15.2 m) for increased stability of system. Wheels allow for ease of movement without dismantling system.



# XTIRPA™ ADAPTER BASE SYSTEM

24" (610 mm) REACH



#### XTIRPA™ DAVIT ARM

IN-2210, 24" (610 mm) REACH

Other reach configurations available.

#### XTIRPA™ MOUNTING BRACKET

A2002-31

Used as attachment point for a variety of SRL adapters.

#### XTIRPA™ MOUNTING BRACKET

A2002-31

This bracket position is to be used with work positioning or manutention winch.

Equipped with 5,000 lb (2268 kg) .  
rated anchor point

#### XTIRPA™ 3" (76 mm) MAST FOR DAVIT ARM

IN-2003 45" (1143 mm) HEIGHT

#### XTIRPA™ FLOOR ADAPTER BASE

A variety of options available.



#### MAST EXTENSIONS

Provide additional mast height by inserting a mast extension into the adapter base then place mast in top of extension.

For work areas that require regular set-up and tear-down and where a base can be permanently affixed to an existing structure, Adapter Base Systems are an ideal solution. These systems consist of a davit arm, mast, retrieval device and adapter base. This lightweight, reliable and easy to install system facilitates access to vertical confined spaces. The universal mast and davit arm allow for fall protection and retrieval and can be used and installed in many different adapter bases. The davit arm is equipped with a 5000 lb (2268 kg) anchor point.

**WEIGHT CAPACITY - 360 lb (163 kg)**



## CATEGORY

## PRODUCT NAME AND #

## DESCRIPTION

## DAVIT ARM

**DAVIT ARM WITH 24" ( 610 mm ) REACH**

IN-2210

24" ( 610 mm ) davit arm with secondary block adapter for fall protection and retrieval, facilitates access to confined spaces. Used in conjunction with mast IN-2003 and appropriate Xtirpa™ base/system or manhole guard IN-2108. Equipped with 5,000 lb ( 2268 kg ) anchor point. Unit weight 33 lb ( 15 kg ).

## MAST AND EXTENSIONS

**3" ( 76 mm ) MAST FOR DAVIT ARM**

IN-2003

Mast for confined spaces fall protection and retrieval to be used in conjunction with the 24" ( 610 mm ) davit arm IN-2210 and any Xtirpa™ mast base or system. 45" ( 1143 mm ) height. Unit weight 22 lb ( 10 kg ).

**MAST EXTENSION, 15" ( 381 mm )**

IN-2044

Mast extension is made of painted steel and provides an additional 15" ( 381 mm ) of height when used with any mast base. Unit weight 20 lb ( 9.1 kg ).

**MAST EXTENSION, 18" ( 457 mm )**

IN-2109

Mast extension is made of painted steel and provides an additional 18" ( 457 mm ) of height when used with any mast base. Unit weight 24 lb ( 10.9 kg ).

**MAST EXTENSION, 24" ( 610 mm )**

IN-2045

Mast extension is made of painted steel and provides an additional 24" ( 610 mm ) of height when used with any mast base. Unit weight 26 lb ( 11.8 kg ).

## ADAPTER BASES

**3" ( 76 mm ) FLOOR ADAPTER BASE**

IN-2005

**304 Stainless Steel**

IN-2106

**Zinc Plated**

IN-2311

**316 Stainless Steel**

Floor adapter base attaches to concrete or steel. Use with universal mast IN-2003 and davit arm IN-2210. Bolts not included.

**3" ( 76 mm ) FLUSH FLOOR ADAPTER BASE**

IN-2006

**304 Stainless Steel**

IN-2114

**Zinc Plated**

IN-2325

**316 Stainless Steel**

Floor adapter attaches to concrete or steel. May help to reduce trip hazards when not in use. Use with mast IN-2003 and davit arm IN-2210. Bolts not included.

ADAPTER BASES

PRODUCT NAME AND #

DESCRIPTION



**3" (76 mm) FRESH CONCRETE FLOOR ADAPTER**  
IN-2007 **304 Stainless Steel**  
IN-2326 **316 Stainless Steel**

Floor adapter for use with fresh concrete floors in new construction. May help to reduce trip hazards when not in use. Use with mast IN-2003 and davit arm IN-2210.



**3" (76 mm) WALL ADAPTER**  
IN-2013 **304 Stainless Steel**  
IN-2107 **Zinc Plated**  
IN-2327 **316 Stainless Steel**

Adapter attaches flush to concrete or steel vertical structures for minimal intrusion. Use with universal mast IN-2003 and davit arm IN-2210. Bolts not included.



**3" (76 mm) MURAL ADAPTER WITH 8" (203 mm) OFFSET**  
IN-2124 **304 Stainless Steel**  
  
**3" (76 mm) MURAL ADAPTER WITH 14" (356 mm) OFFSET**  
IN-2067 **304 Stainless Steel**  
IN-2312 **316 Stainless Steel**

Stainless steel adapter attaches to concrete or steel vertical structures, provides an 8" (203 mm) clearance from wall. Use with universal mast IN-2003 and davit arm IN-2210. Bolts not included.

Stainless steel adapter attaches to concrete or steel vertical structures and provides 14" (356 mm) clearance from wall. Use with universal mast IN-2003 and davit arm IN-2210. Bolts not included.



**3" (76 mm) SLEEVE ADAPTER**  
IN-2097 **304 Stainless Steel**  
IN-2328 **316 Stainless Steel**

Stainless steel sleeve adapter provides flush mount with concrete floor. For use with universal mast IN-2003 and davit arm IN-2210. 4.2" (107 mm) diameter hole needed.



**3" (76 mm) BARREL ADAPTER**  
IN-2021 **304 Stainless Steel**  
IN-2129 **Zinc plated**

Barrel adapter attaches to walls that are max 3" (76 mm) thick. Universal mast IN-2003 is then installed in the adapter. Commonly used on boats/ferries.



**3" (76 mm) BARREL ADAPTER 2"-5" (51 mm - 127 mm)**  
IN-2315 **Zinc plated**  
  
**3" (76 mm) ADJUSTABLE WALL ADAPTER**  
IN-2008 **6" - 15.75" (152 mm - 400 mm)**  
IN-2168 **12" - 24" (305 mm - 610 mm)**  
IN-2075 **12" - 31.5" (305 mm - 800 mm)**  
IN-2125 **24" - 45" (610 mm - 1143 mm)**  
IN-2251 **12" - 30" (305 mm - 762 mm)**

Zinc plated barrel adapter 2" to 5" (51 mm - 127 mm) width. Commonly used on shoring boxes.

Adjustable wall adapters range from 6" to 45" (152 mm to 1143 mm). All adjustable wall adapters come standard with A2008-12 (tightening rod with tempered steel single point). Tightening rods with different pad configurations are also available (for more information see IN-2008 specifications on XTIRPA™ website). Bolts included.



**3" (76 mm) EXTERIOR CORNER WALL ADAPTER**  
IN-2131 **304 Stainless Steel**  
IN-2132 **Zinc Plated**

Wall mount adapter base provides the option for attaching a mast adapter to an exterior 90° corner wall. Bolts not included.



**3" (76 mm) INTERIOR CORNER WALL ADAPTER**  
IN-2133 **304 Stainless Steel**  
IN-2134 **Zinc Plated**

Wall mount adapter base provides the option for attaching a mast adapter to an interior 90° corner wall. Bolts not included.



**3" (76 mm) UNIVERSAL RING ADAPTER**  
IN-2087 **304 Stainless Steel**

Universal ring adapter, use on ceiling or wall with pole hoist system. Use horizontally or vertically. Bolts not included.

## ADAPTER BASES

## PRODUCT NAME AND #

## DESCRIPTION

**3" (76 mm) CENTER MOUNT FLOOR ADAPTER**

IN-2105 **304 Stainless Steel**  
 IN-2137 **Zinc Plated**  
 IN-2329 **316 Stainless Steel**

Center mount floor adapter attaches to concrete or steel. Use with universal mast IN-2003 and davit arm IN-2210. Ideal when 360° movement required. Bolts not included.

**3" (76 mm) H-BEAM ADAPTER**

IN-2085 **304 Stainless Steel**

Adapter attaches to H-beam to provide an anchorage point for mast IN-2003. Designed for H-beam width 12" x 26" (305 mm x 660 mm). Used on suspended floors over sections of beams. Use with universal mast IN-2003 and davit arm IN-2210. Comes with bolts.

**FALL ARREST AND RESCUE LINK ADAPTOR**

IN-2271

This adapter for fall arrest and rescue fits onto davit arm and is used with mechanical rope system instead of a self-retracting lanyard to form a mechanical advantage rope system.

**WIRE ROPE LINK**

5BG416G4165-16

This wire rope is used with IN-2271 fall arrest and rescue link adaptor.

**MURAL WALL ANGULAR ADAPTOR FOR FALL ARREST SYSTEM**

IN-2314

Wall mounted winch adapter plate for use with IN-2087 anchor and confined space pulley and carabiner.

**3" (76 mm) TOP WALL ADAPTER 90°**

IN-2117 **304 Stainless Steel**

Stainless steel wall mount adapter provides the option for attaching a mast adapter to the top of a concrete wall at 90°. Use with universal mast IN-2003 and davit arm IN-2210. Bolts not included.

## ADAPTER BASES

## PRODUCT NAME AND #

## DESCRIPTION

**WARNING POST**

IN-2161

Use with permanent adapter bases when installed in high traffic locations to provide a visual warning of base. May help prevent objects from falling in base and reduce trip hazards. 45" (1143 mm) H x 4" (102 mm) diameter. Fits 3" (76 mm) diameter hole for IN-2003 universal mast.

**3" (76 mm) ADAPTER CAP**

IN-2072

Adapter cap for use with permanent adapter bases when mast not installed may help to prevent objects from falling in adapter base. Fits 3" (76 mm) diameter hole for IN-2003 universal mast.

**3" (76 mm) ADAPTER CAP WITH STAINLESS STEEL WIRE**

IN-2073

Adapter cap with stainless steel wire for use with permanent adapter bases when mast not installed, may help to prevent objects from falling in base. Wire keeps cap attached to base. Fits 3" (76 mm) diameter hole for IN-2003 universal mast.

**REINFORCEMENT PLATES**

P2006-006 **304 Stainless Steel**  
 P2105-001 **304 Stainless Steel**  
 P2005-001 **304 Stainless Steel**  
 P2087-004 **304 Stainless Steel**  
 P2013-008 **304 Stainless Steel**

Reinforcement plate for adapter IN-2006.

Reinforcement plate for adapter IN-2105.

Reinforcement plate for adapter IN-2005.

Reinforcement plate for adapter IN-2087.

Reinforcement plate for adapter IN-2013.

**THREADED ROD KIT 3/4-10 X 12" (305 mm) 4 PER KIT**

IN-2174 **304 Stainless Steel**

This kit comes with four 12" (305 mm) stainless steel threaded rods for sandwich-type installation of adapters.

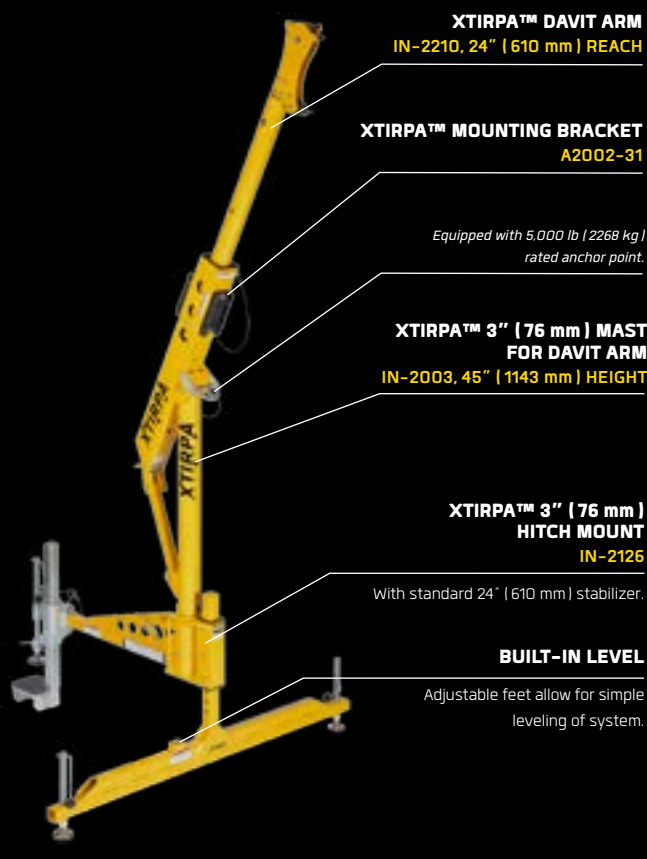
**THREADED ROD KIT 3/4-10 X 16" (406 mm) 4 PER KIT**

IN-2212 **304 Stainless Steel**

This kit comes with four 16" (406 mm) stainless steel threaded rods for sandwich-type installation of adapters.



# XTIRPA™ HITCH MOUNT SYSTEM



## XTIRPA™ 90° EXTENSION FOR HITCH MOUNT A2126-10

This mount extension attaches to hitch mounts IN-2126 or IN-2204 and provides a 90° extension for the hitch mount system. This allows the vehicle to be parallel with traffic. For bridge work, rescue and retrieval, or any confined spaces demanding a 90° extension.



The hitch mount system is commonly used with rescue vehicles for confined spaces rescue. This section will help you build a portable confined spaces system with a hitch mount system that connects to most 2" (51 mm) square vehicle receiver hitches. This popular system offers you adjustable screw pads for simple leveling of the system. Davit arm is equipped with a 5,000 lb (2268 kg) anchor point. Numerous options are available for you to customize your confined spaces system with a hitch mount.

**WEIGHT CAPACITY – 360 lb (163 kg)**

CATEGORY	PRODUCT NAME AND #	DESCRIPTION
<b>DAVIT ARM</b>	<b>DAVIT ARM WITH 24" (610mm) REACH</b> IN-2210	24" (610 mm) davit arm with secondary block adapter for fall protection and retrieval, facilitates access to confined spaces. Used in conjunction with mast IN-2003 and appropriate Xtirpa™ base/system or manhole guard IN-2108. Equipped with 5,000 lb (2268 kg) anchor point. Unit weight 33 lb (15 kg).
<b>MAST AND EXTENSIONS</b>	<b>3" (76mm) MAST FOR DAVIT ARM</b> IN-2003	Mast for confined spaces fall protection and retrieval to be used in conjunction with the 24" (610 mm) davit arm IN-2210 and any Xtirpa™ mast base or system. 45" (1143 mm) height. Unit weight 22 lb (10 kg).
	<b>MAST EXTENSION, 15" (381 mm)</b> IN-2044	Mast extension is made of painted steel and provides an additional 15" (381 mm) of height when used with any mast base. Unit weight 20 lb (9.1 kg).
	<b>MAST EXTENSION, 18" (457 mm)</b> IN-2109	Mast extension is made of painted steel and provides an additional 18" (457 mm) of height when used with any mast base. Unit weight 24 lb (10.9 kg).
	<b>MAST EXTENSION, 24" (610 mm)</b> IN-2045	Mast extension is made of painted steel and provides an additional 24" (610 mm) of height when used with any mast base. Unit weight 26 lb (11.8 kg).
<b>HITCH MOUNTS</b>	<b>3" (76 mm) HITCH MOUNT WITH 24" (610 mm) STABILIZER</b> IN-2126	Hitch mount with 24" (610 mm) stabilizer is part of a confined spaces system that connects to 2" (51 mm) square vehicle receiver hitches. Use with mast IN-2003 and davit arm IN-2210. Comes with adjustable screw pads for simple leveling of system.
	<b>3" (76 mm) HITCH MOUNT WITH 60" (1524 mm) STABILIZER</b> IN-2204	Hitch mount with 60" (1524 mm) stabilizer connects to 2" (51 mm) square vehicle receiver hitches. Use with mast IN-2003 and davit arm IN-2210. Recommended for use with rescue stretcher. Comes with adjustable screw pads for leveling of system.
<b>ACCESSORIES</b>	<b>UNIVERSAL JOINT ASSEMBLY FOR HITCH MOUNT</b> A2126-07	The universal joint assembly attaches to hitch mount IN-2126 or IN-2204 allowing for a 22.5° lateral movement when attached to hitch of vehicle. Usually used in conjunction with 72" (1829 mm) hitch mount extension A2126-09.
	<b>72" (1829 mm) HITCH MOUNT EXTENSION</b> A2126-09	This mount extension attaches to hitch mount IN-2126 or IN-2204 and provides an additional 72" (1829 mm) of length. Usually used in conjunction with universal joint assembly A2126-07.
	<b>90° EXTENSION FOR HITCH MOUNT</b> A2126-10	This hitch mount extension attaches to hitch mount IN-2126 or IN-2204 and provides a 90° extension for hitch mount system. Allows vehicle to be parallel with traffic and access confined spaces on the side of the road.
	<b>C-CLAMP ADAPTERS FOR HITCH MOUNT</b> A2126-14 16" (406 mm) A2126-33 23.5" (597 mm)	16" (406 mm) capacity. Maximum 23.5" (597 mm), minimum 8.5" (216 mm) capacity.
	<b>ANCHOR BOLT ADAPTER FOR HITCH MOUNT</b> A2126-21	Portable anchor. Attach to hitch mounts IN-2126 or IN-2204.
	<b>UNIVERSAL WALL ADAPTER FOR HITCH MOUNT</b> IN-2348 <b>Zinc Plated</b>	Universal wall adapter for hitch mount.
	<b>BEAM ADAPTER FOR UNIVERSAL WALL ADAPTER IN-2348</b> A2348-08	Beam adapter for universal wall adapter IN-2348.
	<b>90 ° 8" (213 mm) EXTENSION FOR UNIVERSAL WALL ADAPTER IN-2348</b> A2348-03	90 ° 8" (213 mm) Extension for universal wall adapter IN-2348.
	<b>90 ° 16" (415 mm) EXTENSION FOR UNIVERSAL WALL ADAPTER IN-2348</b> A2348-05	90 ° 16" (415 mm) Extension for universal wall adapter IN-2348.

# XTIRPA™ MANHOLE COLLAR SYSTEM

**XTIRPA™ DAVIT ARM**  
IN-2210, 24" ( 610 mm ) REACH

**XTIRPA™ MOUNTING BRACKET**  
A2002-31

*Equipped with 5,000 lb  
rated anchor point.*

**XTIRPA™ 3" ( 76 mm )  
MAST FOR DAVIT ARM**  
IN-2003, 45" ( 1143 mm ) HEIGHT

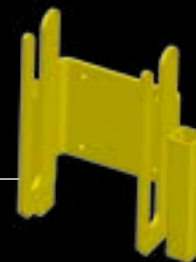
*Available in a variety of sizes  
based on length of davit arm.*

**XTIRPA™ MANHOLE COLLAR**  
IN-2221, 22"-24"  
( 559 mm - 610 mm ) DIAMETER

*A variety of options available.*

**XTIRPA™ LADDER ADAPTER  
FOR MANHOLE COLLAR**  
A2217-05

*Attaches to any manhole collar and secures ladder to  
collar for additional stability. Use where ladder is not  
built into structure. Cannot be used with safety rings.*



Manhole Collar Systems are designed for applications involving frequent set ups over similarly-sized access openings. This lightweight and easy to assemble/disassemble system provides a portable adapter base and certified anchor point. Ideal option for areas where a permanent anchor is not viable.

**WEIGHT CAPACITY - 360 lb ( 163 kg )**



## CATEGORY

## PRODUCT NAME AND #

## DESCRIPTION

## DAVIT ARM

**DAVIT ARM WITH 24" (610 mm) REACH**

IN-2210

24" (610 mm) davit arm with secondary block adapter for fall protection and retrieval. facilitates access to confined spaces. Used in conjunction with 24" (610 mm) mast IN-2003 and appropriate Xtirpa™ base/system or manhole guard IN-2108. Equipped with 5,000 lb (2268 kg) anchor point. Unit weight 33 lb (15 kg)..

## MAST AND EXTENSIONS

**3" (76mm) MAST FOR DAVIT ARM**

IN-2003

Mast for confined spaces fall protection and retrieval to be used in conjunction with the 24" (610 mm) davit arm IN-2210 and any Xtirpa™ mast base or system. 45" (1143 mm) height. Unit weight 22 lb (10 kg).

**MAST EXTENSION, 15" (381 mm)**

IN-2044

Mast extension is made of painted steel and provides an additional 15" (381 mm) of height when used with any mast base. Unit weight 20 lb (9.1 kg).

**MAST EXTENSION, 18" (457 mm)**

IN-2109

Mast extension is made of painted steel and provides an additional 18" (457 mm) of height when used with any mast base. Unit weight 24 lb (10.9 kg).

**MAST EXTENSION, 24" (610 mm)**

IN-2045

Mast extension is made of painted steel and provides an additional 24" (610 mm) of height when used with any mast base. Unit weight 26 lb (11.8 kg).

**3" (76mm) MAST & DAVIT ARM****36" H X 18" REACH (914 mm X 457 mm)**

IN-2295

Low clearance integrated mast and davit arm for use in any of the 24" (610 mm) adapter bases when a shorter clearance is needed.

**3" (76mm) MAST & DAVIT ARM****36" H X 9" REACH (914 mm X 229 mm)**

IN-2363

## COLLARS

**MANHOLE COLLAR**

Sizes are for diameter

IN-2287

**Fits 16" - 18"**  
**(406 mm - 457 mm)**

IN-2219

**Fits 18" - 20"**  
**(457 mm - 508 mm)**

IN-2220

**Fits 20" - 22"**  
**(508 mm - 559 mm)**

IN-2221

**Fits 22" - 24"**  
**(559 mm - 610 mm)**

IN-2217

**Fits 24" - 26"**  
**(610 mm - 660 mm)**

IN-2222

**Fits 26" - 28"**  
**(660 mm - 711 mm)**

IN-2218

**Fits 28" - 30"**  
**(711 mm - 762 mm)**

IN-2167

**Fits 30" - 32"**  
**(762 mm - 813 mm)**

IN-2223

**Fits 32" - 34"**  
**(813 mm - 864 mm)**

IN-2224

**Fits 34" - 36"**  
**(864 mm - 914 mm)**

IN-2180

**Fits 42.5" - 44"**  
**(1080 mm - 1118 mm)**

Fall arrest/retrieval manhole collars fit 16 - 44" (406 mm - 1118 mm) in diameter. Provides portable adapter base for confined spaces system by fitting within manhole opening. Use with mast IN-2003 and davit arm IN-2210.

Custom sizes and shapes are available upon request.

## MANHOLE GUARD RINGS

### PRODUCT NAME AND #

### DESCRIPTION



**MANHOLE RETAINING RING**  
IN-2010

Retaining ring used to secure cone shaped safety ring IN-2009 to manhole. Expands 28-30" (711 mm - 762 mm).



**CONE SHAPED SAFETY RING**  
IN-2009

30" (762 mm) cone shaped sealing safety ring used in conjunction with retaining ring IN-2010 and connects to manhole guard IN-2108 to help prevent liquids from entering the confined space.

## COMFORT SEAT



**MANHOLE COLLAR SEAT**  
A2217-10

This seat can be attached to any manhole collar for added comfort when entering or working on a confined spaces entry point. Cannot be used with IN-2009 due to tilted edges. Seat dimensions: 10" (254 mm) L X 12" (305 mm) H.

## HAND RAIL



**HAND RAIL ATTACHMENT FOR MAST**  
IN-2282

This adaptable hand rail is for use with mast IN-2003 and provides easier entrance/exit from confined space. Unit weight 5.5 lb (2.5 kg).

## LADDER ADAPTER



**LADDER ADAPTER FOR MANHOLE COLLAR**  
A2217-05

Ladder adapter attaches to any Xtirpa™ manhole collar and provides a mechanism to secure ladder to manhole collar, for added stability when a ladder is needed but not built into structure. Can't be used with IN-2009. Comes with necessary hardware.

## SPECIALIZED



**POSITIONING SEAT**  
IN-2244

Positioning seat allows for comfortable entrance/exit of confined spaces by providing worker a padded seat to sit on while ascending/descending. Seat attaches to man-rated winch. Commonly used in grain elevators.

## CONFINED SPACES INTEGRATED MAST AND DAVIT ARM

IN-2295

36" (914 mm) height x 18" (457 mm) reach. Low clearance integrated mast and davit arm for use in any of the 24" (610 mm) adapter bases when a shorter clearance is needed.



# XTIRPA™ RATCHET MANHOLE COVER LIFTER



XTIRPA™ COVER LIFTER  
IN-2071

## RATCHET MANHOLE COVER LIFTER

Designed for easy handling of manhole covers. Ratchet system offers an ergonomically safe way to lift the toughest lids with less strain. Lightweight and durable. Measures 53" (1346 mm) in height. Non-skidding tempered steel pegs, includes medium hook. Three hook sizes available.

**P2071-021P** Small J hook

**P2071-022P** Medium square hook

**P2071-023P** Large J hook





# XTIRPA™ FREE STANDING H-BASE SYSTEM

**XTIRPA™ DAVIT ARM**  
IN-2210, 24" ( 610 mm ) REACH

**XTIRPA™ MOUNTING BRACKET**  
A2002-31

*Equipped with 5,000 lb ( 2268 kg )  
rated anchor point.*

**XTIRPA™ 3" ( 76 mm )  
MAST FOR DAVIT ARM**  
IN-2003

**HAND RAIL ATTACHMENT  
FOR MAST**  
IN-2282

**XTIRPA™ H-BASE**  
IN-2118, 50" ( 1270 mm )

Three-piece system.

A free-standing system is ideal when you need to move and access various confined spaces entry points in the same area. The portable lower base allows for adjustment to accommodate width and length of most standard confined spaces, offering a solution for the entry, rescue and positioning of personnel. The system pivots for an easier and safer rescue. Davit arm is equipped with 5,000 lb ( 2268 kg ) anchor point.

**WEIGHT CAPACITY - 360 lb ( 163 kg )**

## CATEGORY

## PRODUCT NAME AND #

## DESCRIPTION

## DAVIT ARM

**DAVIT ARM WITH 24" (610 mm) REACH**

IN-2210

24" (610 mm) davit arm for fall protection and retrieval facilitates access to confined spaces. Used in conjunction with mast IN-2003 and appropriate Xtirpa™ base/system or manhole guard IN-2108. Equipped with 5,000 lb (2268 kg) anchor point. Unit weight 33 lb (15 kg).

## MAST AND EXTENSIONS

**3" (76mm) MAST FOR DAVIT ARM**

IN-2003

Mast for confined spaces fall protection and retrieval to be used in conjunction with the 24" (610 mm) davit arm IN-2210 and any Xtirpa™ mast base or system. 45" (1143 mm) height. Unit weight 22 lb (10 kg).

**MAST EXTENSION, 15" (381 mm)**

IN-2044

Mast extension is made of painted steel and provides an additional 15" (381 mm) of height when used with any mast base. Unit weight 20 lb (9.1 kg).

**MAST EXTENSION, 18" (457 mm)**

IN-2109

Mast extension is made of painted steel and provides an additional 18" (457 mm) of height when used with any mast base. Unit weight 24 lb (10.9 kg).

**MAST EXTENSION, 24" (610 mm)**

IN-2045

Mast extension is made of painted steel and provides an additional 24" (610 mm) of height when used with any mast base. Unit weight 26 lb (11.8 kg).

## H-BASE

**H-BASE 50" (1270 mm)**

IN-2118

50" (1270 mm) H-base for confined spaces fall protection and retrieval. Use with 24" (610 mm) davit arm IN-2210 and mast IN-2003. The lower base is portable and adjusts to fit most standard confined spaces. Three-piece system.

## HAND RAIL

**HAND RAIL ATTACHMENT FOR MAST**

IN-2282

This adaptable hand rail is for use with mast IN-2003 and provides easier entrance/exit from confined space. Unit weight 5.5 lb (2.5 kg).

# XTIRPA™ ADAPTER BASE SYSTEM

30" - 48" (762 mm - 1219 mm) REACH

## XTIRPA™ EXTENDABLE DAVIT ARM IN-2237, 30-48" (762 mm - 1219 mm) REACH

Adjust to 30" (762 mm), 36" (914 mm) or  
48" (1219 mm).

## XTIRPA™ MOUNTING BRACKET A2002-31

Equipped with 5,000 lb (2268 kg)  
rated anchor point.

## XTIRPA™ REMOVABLE WINCH ADAPTER A2237-06

For positioning winch.

## XTIRPA™ 4" (102 mm) MAST FOR DAVIT ARM IN-2240, 42" (1067 mm) HEIGHT

Available in a variety of sizes  
based on length of davit arm.

## XTIRPA™ FLOOR ADAPTER

A variety of options available.















Use a cylinder reducer **A2238-03**  
with 4" (102 mm) adapters to  
allow for use with 3" (76 mm)  
mast IN-2003

Like the 24" (610 mm) adapter base system, the 30-48" (762 mm - 1219 mm) system is ideal for work in areas that require regular set-up and tear-down and where a base can be permanently affixed to an existing structure. This system consists of a davit arm, mast retrieval device and adapter base. Including all the benefits of the 24" (610 mm) system, this larger system is easily positioned in 30" (762 mm), 36" (914 mm) and 48" (1219 mm) reach. This greater versatility offers a solution where other systems are not viable. The davit arm is equipped with a 5,000 lb (2268 kg) anchor point. Typical applications include anywhere greater reach is needed, including, but not limited to, bridge decking, water and sewer facilities and entry into large basins.

**WEIGHT CAPACITY - 360 lb (163 kg)**



CATEGORY	PRODUCT NAME AND #	DESCRIPTION
DAVIT ARM		<b>EXTENDABLE DAVIT ARM</b> <b>30" - 48" (762 mm - 1219 mm)</b> IN-2237 30" - 48" (762 mm - 1219 mm) extendable davit arm for fall protection and retrieval facilitates access to confined space. Use with masts IN-2240 or IN-2313. Pinholes located at 30" (762 mm), 36" (914 mm) and 48" (1219 mm). Equipped with 5,000 lb (2268 kg) anchor point. For extra winch configurations, order A2237-06 separately. Unit weight 35 lb (15.9 kg).
		<b>REMOVABLE WINCH ADAPTER</b> A2237-06 Removable winch adapter for the 30" - 48" (762 mm - 1219 mm) extendable davit arm IN-2237.
MASTS		<b>4" (102 mm) MAST FOR DAVIT ARM IN-2237, 42" (1067 mm) HEIGHT</b> IN-2240 4" (102 mm) Mast for confined space fall protection and retrieval to be used in conjunction with 30" - 48" (762 mm - 1219 mm) extendable davit arm IN-2237. It can also be used with the universal T-base IN-2305. 42" (1067 mm) height. Unit weight 25 lb (11.3 kg).
		<b>4" (102 mm) MAST FOR DAVIT ARM IN-2237, 60" (1524 mm) HEIGHT</b> IN-2313 4" (102 mm) Mast for confined space fall protection and retrieval to be used in conjunction with 30" - 48" (762 mm - 1219 mm) extendable davit arm IN-2237. It can also be used with the universal T-base IN-2305. 60" (1524 mm) height. Unit weight 34 lb (15.4 kg).
ADAPTER BASES		<b>4" (102 mm) FLOOR ADAPTER</b> IN-2238 <b>304 Stainless Steel</b> IN-2302 <b>Zinc plated</b> Floor adapter attaches to concrete or steel structure. For use with mast IN-2240 or IN-2313 and davit arm IN-2237. Bolts not included.
		<b>4" (102 mm) MURAL ADAPTER</b> IN-2253 <b>304 Stainless Steel</b> IN-2303 <b>Zinc Plated</b> Mural adapter installed flush to concrete for minimal intrusion in work space. Use with mast IN-2240 or IN-2313 and davit arm IN-2237. Bolts not included.
		<b>4" (102 mm) CENTER MOUNT FLOOR ADAPTER</b> IN-2254 <b>304 Stainless Steel</b> IN-2304 <b>Zinc Plated</b> Center mount floor adapter attaches to concrete or steel structure. Use with mast IN-2240 or IN-2313 and davit arm IN-2237. Ideal for 360° rotation. Bolts not included.
		<b>4" (102 mm) FLUSH FLOOR ADAPTER</b> IN-2266 <b>304 Stainless Steel</b> Flush floor adapter attaches to concrete or steel. May help reduce trip hazards when not in use. Use with mast IN-2240 or IN-2313 and davit arm IN-2237. Bolts not included.
		<b>4" (102 mm) MAST SLEEVE ADAPTER</b> IN-2255 <b>304 Stainless Steel</b> Stainless steel sleeve adapter provides flush mount with concrete floor. For use with mast IN-2240 or IN-2313 and davit arm IN-2237. 5.75" (146 mm) diameter hole needed.
		<b>4" (102 mm) ADAPTER CAP</b> IN-2272 Use with permanent adapter bases when mast not installed. may help to prevent objects from falling in base. Use with mast IN-2240 or IN-2313. Fits 4" (102 mm) diameter hole.
		<b>4" (102 mm) ADAPTER CAP WITH STAINLESS STEEL WIRE</b> IN-2273 Wire keeps cap attached to base. Use with mast IN-2240 or IN-2313. Fits 4" (102 mm) diameter hole.
		<b>4" - 3" (102 mm - 76 mm) CYLINDER REDUCER WITH CABLE</b> A2238-03 Use with 4" (102 mm) adapters to allow use of 3" (76 mm) mast IN-2003.

# XTIRPA™ COUNTER WEIGHT SYSTEM

## XTIRPA™ EXTENDABLE DAVIT ARM IN-2237

30'–48' (762 mm – 1219 mm) reach

## XTIRPA™ WEIGHT PLATE P2305-016N

## XTIRPA™ COUNTER WEIGHT BASE A2305-27










## XTIRPA™ T-BASE EXTENSION 96" (2438 mm) A2305-40

## XTIRPA™ 4" (102 mm) MAST FOR DAVIT ARM IN-2240, 42" (1067 mm) HEIGHT

## XTIRPA™ UNIVERSAL T-BASE IN-2305

A counter weight system is ideal when you need to move and access various confined spaces entry points in the same area and want to use the 30' – 48' (762 mm – 1219 mm) extendable davit arm for increased reach. Consisting of a central base unit with a number of options for anchoring, positioning, leg adjustment and extension assemblies, this is a system designed for accessibility. The system can be used with a weight rack for counterbalance or with a wheel pad assembly with an attendant vehicle.

**WEIGHT CAPACITY – 360 lb (163 kg)**

CATEGORY	PRODUCT NAME AND #	DESCRIPTION
DAVIT ARM	 <p><b>EXTENDABLE DAVIT ARM 30" – 48" (762 mm – 1219 mm)</b> IN-2237</p>	30" – 48" (762 mm – 1219 mm) extendable davit arm for fall protection and retrieval facilitates access to confined space. Use with masts IN-2240 or IN-2313. Pinholes located at 30" (762 mm), 36" (914 mm) and 48" (1219 mm). Equipped with 5,000 lb (2268 kg) anchor point. Unit weight 35 lb (15.9 kg).
MAST	 <p><b>4" (102 mm) MAST FOR DAVIT ARM IN-2237, 42" (1067 mm) HEIGHT</b> IN-2240</p> <p><b>4" (102 mm) MAST FOR DAVIT ARM IN-2237, 60" (1524 mm) HEIGHT</b> IN-2313</p>	<p>4" (102 mm) Mast for confined spaces fall protection and retrieval to be used in conjunction with 30" – 48" (762 mm – 1219 mm) extendable davit arm IN-2237. It can also be used with universal T-base IN-2305. 42" (1067 mm) height. Unit weight 25 lb (11.3 kg).</p> <p>4" (102 mm) Mast for confined space fall protection and retrieval to be used in conjunction with 30" – 48" (762 mm – 1219 mm) extendable davit arm IN-2237. It can also be used with the universal T-base IN-2305. 60" (1524 mm) height. Unit weight 34 lb (15.4 kg).</p>
BASE	 <p><b>UNIVERSAL T-BASE FOR 4" (102 mm) MAST</b> IN-2305</p>  <p><b>COUNTER WEIGHT BASE</b> A2305-27</p>  <p><b>WEIGHT PLATE, 50 LB (22.7 kg)</b> P2305-016N</p>  <p><b>T-BASE EXTENSION, 72" (1829 mm) WITH 2.5" (63.5 mm) RECEIVER</b> A2305-16</p>  <p><b>REDUCER 2.5 – 2" (63.5 – 51 mm) FOR T-BASE EXTENSION</b> A2305-20</p>  <p><b>EXTENSION TUBES 96" (2438 mm) FOR COUNTER WEIGHT BASE</b> A2305-40</p>  <p><b>T-BASE REDUCER FOR 72" (1829 mm) EXTENSION</b> A2305-25</p>  <p><b>90° EXTENSION FOR IN-2305</b> A2305-29</p>	<p>Portable T-base for confined spaces fall protection and retrieval. Attaches to counter weight base A2305-27 via extension A2305-40. Use with masts IN-2240, IN-2313 and davit arm IN-2237. Purchase weights separately.</p> <p>Portable counter weight confined space system base attaches to T-base mount IN-2305 via extension A2305-23. Serves as certified anchor point. Use with mast IN-2240 and 30-48 inch davit arm IN-2237. Weight plates to be purchased separately.</p> <p>50 lb weight plate for use on counter weight base A2305-27. Forty plates required.</p> <p>This 72" (1829 mm) extension connects to universal T-base IN-2305 using T-base reducer A2305-25. Permits T-base to connect to vehicle hitch. Measures 2.5" (63.5 mm) in diameter. Use reducer A2305-20 to fit 2" (51 mm) vehicle hitch mount.</p> <p>This reducer is used with 72" (1829 mm) extension A2305-16. Allows T-base extension to fit into 2" (51 mm) vehicle hitch mount.</p> <p>96" (2438 mm) extension tubes for counter weight base.</p> <p>T-base reducer for 72" (1829 mm) extension 2305-16.</p> <p>90° EXTENSION FOR IN-2305</p>

# XTIRPA™ ADAPTER BASE SYSTEM

60" - 96" (1524 mm - 2438 mm) REACH

## XTIRPA™ DAVIT ARM

IN-2197, 60" - 96"  
(1524 mm - 2438 mm) REACH

Equipped with 5,000 lb (2268 kg)  
rated anchor point.

## XTIRPA™ 5.5" (140 mm) MAST FOR EXTENDABLE DAVIT ARM

IN-2199, 42" (1067 mm)

## XTIRPA™ 5.5" (140 mm) CENTER MOUNT FLOOR ADAPTER

IN-2201



Use a cylinder reducer in adapter to allow for use with  
4" (102 mm) mast.

The 60" - 96" (1524 mm - 2438 mm) is ideal for work areas that require regular set-up and tear-down and where a base can be permanently affixed to an existing structure. This system consists of a davit arm, mast retrieval device and adapter including all the benefits of the adapter base system. It provides extended reach and is easily positioned from 5' - 8' (1.5 m - 2.4 m). The davit arm is equipped with a 5,000 lb (2268 kg) anchor point. Typical applications include shipyards and dry docks.

**WEIGHT CAPACITY - 360 lb (163 kg)**



CATEGORY	PRODUCT NAME AND #	DESCRIPTION
DAVIT ARM	 <p><b>EXTENDABLE DAVIT ARM</b> <b>60"-96" (1524 mm - 2438 mm)</b> IN-2197</p>	60"-96" (1524 mm - 2438 mm) extendable davit arm for fall protection & retrieval facilitates access to underground chambers and other confined spaces. Use with mast IN-2199 and center mount floor adapter IN-2201. Equipped with 5,000 lb (2268 kg) anchor point. Unit weight 125 lb (56.7 kg).
MAST	 <p><b>5.5" (140 mm) MAST FOR EXTENDABLE DAVIT ARM</b> IN-2199</p>	5.5" (140 mm) Mast for confined space fall protection and retrieval to be used in conjunction with the 60"-96" (1524 mm - 2438 mm) davit arm IN-2197. To be used with center mounted floor adapter IN-2201. 42" (1067 mm) height. Unit weight 35 lb (15.9 kg).
ADAPTER BASE	 <p><b>5.5" (140 mm) CENTER MOUNT FLOOR ADAPTER</b> IN-2201    <b>304 Stainless Steel</b></p>	Center mount stainless steel floor adapter for concrete or steel. Use mast IN-2199 and davit arm IN-2197. Cylinder reducers allow use with 3" (76 mm) or 4" (102 mm) masts. Bolts not included.
	 <p><b>5.5" - 3" (140 mm - 76 mm) CYLINDER REDUCER WITH CABLE</b> A2201-03</p>	For 5.5" (140 mm) adapter IN-2201 to allow use of 3" (76 mm) mast IN-2003 and mast extensions. Adjusts diameter of adapter from 5.5" - 3" (140 mm - 76 mm).
	 <p><b>5.5" - 4" (140 mm - 102 mm) CYLINDER REDUCER WITH CABLE</b> A2201-04</p>	For 5.5" (140 mm) adapter IN-2201 to allow use of 4" (102 mm) masts IN-2240 or IN-2313. Adjusts diameter of adapter from 5.5" - 4" (140 mm - 102 mm).

# XTIRPA™ POLE HOIST SYSTEM

## XTIRPA™ POLE HOIST

IN-2337, 48" - 72"  
[ 1219 mm - 1829 mm ]

Also available in 57" - 102"  
[ 1448 mm - 2591 mm ], IN-2338


## XTIRPA™ MOUNTING BRACKET A2002-31

## XTIRPA™ ADJUSTABLE T-BAR LEG FOR POLE HOIST IN-2127

Available in a variety of sizes.

This two-piece portable system is one of the most versatile systems on the market for confined space, entry/retrieval fall arrest and rescue. When attached to a certified anchor point, it provides retrieval and fall protection when limited overhead clearance is available. It can also be configured to provide retrieval from horizontal entries. Designed for lifting, lowering and positioning of personnel. Load rating is based on the anchor point.

**WEIGHT CAPACITY - 360 lb [ 163 kg ]**

CATEGORY	PRODUCT NAME AND #	DESCRIPTION
POLE HOIST	 <b>POLE HOIST, 48"-72" ( 1219 mm - 1829 mm )</b> IN-2337 <b>POLE HOIST, 57"-102" ( 1448 mm - 2591 mm )</b> IN-2338	Pole hoist system with swivel-head for vertical and horizontal retrieval and fall arrest. Extends with two fixed angles. Use with certified anchor point. Includes mounting bracket A2002-31. Purchase adjustable T-bar leg IN-2127 separately.
ADJUSTABLE T-BAR	 <b>ADJUSTABLE T-BAR LEG FOR POLE HOIST, UP TO 48" ( 1219 mm )</b> IN-2127 <b>LONG ADJUSTABLE T-BAR FOR POLE HOIST, 46.8"-74.8" ( 1189 mm - 1900 mm )</b> IN-2256 <b>SHORT ADJUSTABLE T-BAR FOR POLE HOIST, 12"-14" ( 305 mm - 356 mm )</b> IN-2274	Adjustable T-bar attaches to adjustable swivel-head pole hoist IN-2337 or IN-2338 for base stability of pole hoist system. Extends to specified lengths.
ADAPTERS	 <b>FLANGE ADAPTER FOR LATERAL ENTRY</b> IN-2242  <b>3" ( 76 mm ) UNIVERSAL RING ADAPTER</b> IN-2087 <b>304 Stainless Steel</b>  <b>JIB ADAPTER FOR LATERAL ENTRY</b> IN-2241	Anchor point for vertical and horizontal entry with pole hoist system. Can be used on round or square flange that can withstand 5,000 lb ( 2268 kg ) as an anchor point. Comes with snap hook. Use existing studs to attach.  Universal ring adapter, use on ceiling or wall with pole hoist system. Use horizontally or vertically. Bolts not included.  This jib adapter is positioned outside of confined spaces entry point allowing for lateral entry. Typically used with tanks when walls are too thin for anchoring. Can be certified anchor point when anchored at base. Height adjusts from 88.9"-109.2" ( 2258 mm - 2774 mm ).

# FALL ARREST AND RETRIEVAL SELF RETRACTING LIFELINES

In compliance with: ANSI/ASSE Z359.1-2007 CSA Standard Z259.2.2-98 CE (EN 360:2002 AND 1496:2007). Rugged aluminum housing. Available in stainless or Dyneema rope configurations.

**WEIGHT CAPACITY - 300 lb (136 kg)**



## CATEGORY

## PRODUCT NAME AND #

### SRL ADAPTER



**29' (9 m) DYNEEMA CABLE 13 LB (6 kg)  
MOUNTING BRACKET IN-2374**

IN-2371



**39' (12 m) SS CABLE 15 LB (7 kg)  
MOUNTING BRACKET IN-2374**

IN-2366



**49' (15 m) DYNEEMA CABLE 22 LB (10.1 kg)  
MOUNTING BRACKET IN-2375**

IN-2372



**59' (18 m) SS CABLE 25 LB (11.5 kg)  
MOUNTING BRACKET IN-2375**

IN-2367

## CATEGORY

## PRODUCT NAME AND #

### SRL ADAPTER



**66' (20 m) DYNEEMA CABLE 31 LB (14.1 kg)  
MOUNTING BRACKET IN-2376**

IN-2373



**79' (24 m) SS CABLE 35 LB (16 kg)  
MOUNTING BRACKET IN-2376**

IN-2368



**98' (30 m) SS CABLE 46 LB (21 kg)  
MOUNTING BRACKET IN-2377**

IN-2369



**138' (42 m) SS CABLE 88 LB (40 kg)  
MOUNTING BRACKET IN-2378**

IN-2370



CATEGORY	PRODUCT NAME AND #
<b>SRL BRACKETS</b>	
	<b>MOUNTING BRACKET FOR PROTECTA SRL (AD515CG)</b> IN-2152
	<b>ADAPTER FOR NORTH SRL BRACKET (FP6610/15) &amp; MILLER MAN HANDLER</b> IN-2191
	<b>ADAPTER FOR NORTH SRL BRACKET (FP6610/33)</b> IN-2215
	<b>MOUNTING BRACKET FOR NORTH SRL (FP3-733GR)</b> IN-2279
	<b>MOUNTING BRACKET FOR IKAR SRL (HRA-15)</b> IN-2079
	<b>MOUNTING BRACKET FOR IKAR SRL (205G-75)</b> IN-2178
	<b>MOUNTING BRACKET FOR IKAR SRL (205G-100)</b> IN-2231
	<b>MOUNTING BRACKET FOR IKAR SRL (205G-100 VERSION 2012)</b> IN-2316
	<b>MOUNTING BRACKET FOR MSA SRL (10011744), 15 m (50')</b> IN-2151
	<b>ALKO 651 MAN HANDLING WINCH ADAPTER</b> IN-2157

CATEGORY	PRODUCT NAME AND #
<b>SRL BRACKETS</b>	
	<b>ADAPTER FOR STRONG-ARM WINCH (SA5000AC SA7000)</b> IN-2211
	<b>MOUNTING BRACKET FOR MILLER SRL (MR50G, MR50SS, MR40K)</b> IN-2153
	<b>MOUNTING BRACKET FOR MILLER SRL (MR100, MR130)</b> IN-2177
	<b>MOUNTING BRACKET FOR MILLER SRL (M52), 25' (7.5 m)</b> IN-2225
	<b>ADAPTER FOR MILLER SRL MOUNTING BRACKET (LB287)</b> IN-2226
	<b>MOUNTING BRACKET FOR GUARDIAN SRL (10974), 50' (15 m)</b> IN-2319
	<b>MOUNTING BRACKET (1 KIT)</b> A2002-31

# CONFINED SPACE BLOWERS EXHAUSTERS



QUICK-COUPLE™ CANISTER



Detachable in seconds, the Quick-Couple™ Canister with attached duct conveniently reverses from discharge to suction, making use and storage easier while protecting duct from rips and tears.



CATEGORY

PRODUCT NAME AND #

DESCRIPTION

ACCESSORIES



**QUICK COUPLE™ REVERSIBLE CANISTER**  
ED7015

8" (20 cm) 115 V Blower/Exhauster, Quick-Couple™ Canister  
15' (4.6 m) Duct.

**QUICK COUPLE™ REVERSIBLE CANISTER**  
ED7025

8" (20 cm) 115 V Blower/Exhauster, Quick-Couple™ Canister  
25' (7.6 m) Duct.



**MANHOLE ENTRY DEVICE**  
ED7015-MED

15' (4.6 m) Duct and 5' (1.5 m) Manhole Entry Device.



**INTRINSICALLY SAFE QUICK  
COUPLE™ REVERSIBLE CANISTER**  
EF7015

8" (20 cm) 115 V Blower/Exhauster, Quick-Couple™ Canister  
15' (4.6 m) Duct.

**INTRINSICALLY SAFE QUICK  
COUPLE™ REVERSIBLE CANISTER**  
EF7025

8" (20 cm) 115 V Blower/Exhauster, Quick-Couple™ Canister  
25' (7.6 m) Duct.



**INTRINSICALLY SAFE MANHOLE  
ENTRY DEVICE**  
EF7015-MED

115 V / 60 Hz Blower with 15' (4.6 m) Duct and 5' (1.5 m) Duct.

# WORK POSITIONING CONFINED SPACE HARNESSES

The "XTIRPA™" line of harnesses were designed for the ultimate in ease of harness donning, with light weight breathable padding only where it is required.

**Regular - 24" to 48" ( 60 cm to 122 cm )**  
**X-Large - 44" to 52" ( 111 cm to 132 cm )**



## CATEGORY

## PRODUCT NAME AND #

## DESCRIPTION

### HARNESSES



**ANTI SPARK CONFINED SPACES HARNESS.**  
IN-2385

Size : Regular  
Class : AE  
D-Ring : BE  
Strap connectors : Bayonet ( Quick Couple )



**ANTI SPARK CONFINED SPACES HARNESS.**  
IN-2386

Size : X-Large  
Class : AE  
D-Ring : BE  
Strap connectors : Bayonet ( Quick Couple )



**WORK POSITIONING & CONFINED SPACES HARNESS.**  
IN-2387

Size : Regular  
Class : AE  
D-Ring : BE  
Strap connectors : Bayonet ( Quick Couple )



**WORK POSITIONING & CONFINED SPACES HARNESS.**  
IN-2388

Size : X-Large  
Class : AE  
D-Ring : BE  
Strap connectors : Bayonet ( Quick Couple )



# GOTCHA™ RESCUE KIT

Suitable for rescue using fall arrest blocks. Remote attachment. The casualty can be attached from a point of safety. Single person use. The Gotcha™ is for raising or lowering a single person. Independantly tested EN:1496. Universal head adaptor for Gotcha can be used with universal head telescopic hotsticks



## CATEGORY

## PRODUCT NAME AND #

### GOTCHA™



**GOTCHA™**  
IN-2381



**UNIVERSAL HEAD ADAPTOR  
FOR GOTCHA™**  
P2381-001

# TELESCOPIC HOTSTICKS

ASTM F711 Telescopic Hotsticks are compatible with Gotcha™ Rescue Kit. Other lengths and models available upon request.



## CATEGORY

## PRODUCT NAME AND #

### HOTSTICKS



#### **12' (3.7 m) TELESCOPIC HOT STICK**

S-212

#### **16' (4.9 m) TELESCOPIC HOT STICK**

S-216

#### **20' (6 m) TELESCOPIC HOT STICK**









S-220

#### **25' (7.6 m) TELESCOPIC HOT STICK**





S-225

#### **30' (9.1 m) TELESCOPIC HOT STICK**

S-230

CARRYING BAGS	PRODUCT NAME AND #	DESCRIPTION
	<b>CARRYING BAG FOR MANHOLE GUARD</b> P2108-025	Carrying bag for manhole guard with integrated mast 42" ( 1067 mm ) IN-2108.
	<b>CARRYING BAG FOR MULTIFUNCTIONAL BARRICADE</b> P2101-008	Carrying bag for multifunctional barricade IN-2101 or A2101-07.
	<b>CARRYING BAG FOR DAVIT ARM</b> P2002-046	Carrying bag for davit arm IN-2210.
	<b>CARRYING BAG FOR H-BASE ( CENTER SECTION )</b> P2118-017	Carrying bag for H-base IN-2118 ( center section ).
	<b>CARRYING BAG FOR POLE HOIST</b> P2120-014	Carrying bag for pole hoist 48"-72" ( 1219 mm - 1829 mm ), IN-2337.
	<b>CARRYING BAG FOR H-BASE ( SIDE SECTIONS )</b> P2118-018	Carrying bag for H-base IN-2118 ( side sections ).
	<b>CARRYING BAG FOR POLE HOIST</b> P2121-003	Carrying bag for pole hoist 57"-102" ( 1448 mm - 2591 mm ), IN-2338.
	<b>CARRYING BAG FOR MAST</b> P2003-011	Carrying bag for mast IN-2003.

All Carrying Bags provide storage and easy transport from worksite to worksite. Each bag is tear-resistant and waterproof.

REPLACEMENT FEET FOR MANHOLE GUARDS	PRODUCT NAME AND #	DESCRIPTION
	<b>ADJUSTABLE REPLACEMENT FEET FOR MANHOLE GUARD</b> A2001-09	These adjustable feet come standard with Xtirpa™ manhole guards, but can be purchased separately if replacement feet are needed due to wear. Adjustable feet are ideal for uneven terrain.
	<b>MAIN POST REPLACEMENT FEET FOR MANHOLE GUARD</b> A2001-36	These fixed feet come standard on the Xtirpa™ manhole guard's main post, but can also be purchased separately if replacement feet are needed due to wear.
	<b>SPIKED REPLACEMENT FEET FOR MANHOLE GUARD</b> A2001-18	These spiked feet do not come standard with Xtirpa™ manhole guards, but can be ordered separately. For use on slippery surfaces.
	<b>LARGE RUBBER REPLACEMENT FEET FOR MANHOLE GUARD</b> A2001-28	These large rubber feet do not come standard with Xtirpa™ manhole guards, but can be ordered separately. Use on metal grids, gravel or soft ground conditions.

REPLACEMENT  
PARTS & PINS

## PRODUCT NAME AND #

## DESCRIPTION

**2" (51 mm) PULLEY FOR DAVIT ARM**

A2210-03

2" (51 mm) pulley comes standard with Xtirpa™ davit arm IN-2210, but can also be purchased separately if a replacement part is needed.

**4" (102 mm) PULLEY FOR DAVIT ARM**

A2210-12

4" (102 mm) pulley comes standard with Xtirpa™ davit arm IN-2210, but can also be purchased separately if a replacement part is needed.

**LOCKING PIN ASSEMBLY FOR 2" (51 mm) PULLEY**

A2210-11

Locking pin assembly for Xtirpa™ davit arm 2" (51 mm) pulleys (A2210-03).

**CABLE RESTRAINT PIN FOR DAVIT ARM**

A2210-13

Cable restraint pin for Xtirpa™ davit arm IN-2210 (next to pulley).

**PVC SLEEVE FOR 3" (76 mm) ADAPTERS**

P2006-004

This part comes standard with all 3" (76 mm) adapters, but can also be purchased separately if a replacement part is needed.

**RUBBER LATCH ASSEMBLY**

A2001-32

Replacement rubber latch assembly for 42 inch Xtirpa™ manhole guards IN-2108 and IN-2324. Hardware included.

**CYLINDER KIT FOR MANHOLE GUARD LEGS**

A2001-10

Cylinder kit for adjustable legs of 42" (1067 mm) Xtirpa™ manhole guards IN-2108 and IN-2324, receptacle that A2001-09 fits into. Includes all necessary hardware.

**T-HANDLE PIN 0.5" X 3" (13 mm X 76 mm)**

A2002-08

0.5" x 3" (13 mm x 76 mm) replacement T-handle pin for Xtirpa™ davit arm. To be used at base of davit arm to lock davit arm into mast and manhole guards.

**T-HANDLE PIN 0.5" X 4.5" (13 mm X 114 mm)**

A2175-11

0.5" x 4.5" (13 mm x 114 mm) replacement T-handle pin for Xtirpa™ davit arm. To be used in middle of davit arm to connect to manhole guard or mast.

**PULL RING LOCKING PIN  
0.5" X 4" (13 mm X 102 mm)**

A2002-10

0.5" x 4" (13 mm x 102 mm) replacement pull-ring locking pin for Xtirpa™ davit arm extension.

**PULL RING ASSEMBLY 0.5" X 4" (13 mm X 102 mm)**

A2005-07

Fits all 3" (76 mm) adapters.

**PULL RING PIN 0.3" X 4" (8 mm X 102 mm)  
FOR SRL/WINCH ADAPTER**

A2079-03

Pull ring pin 0.3" x 4" (8 mm x 102 mm) for use with winch adapters to secure winch. Comes with steel wire to attach pull ring pin to winch adapter.

# **XTIRPA™**

**CONFINED SPACE SAFETY SOLUTIONS**

BY **INNOVA** REINVENTING  
SAFETY  
PUBLIC UTILITY PRODUCTS INC.

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### **Patented**

European - 1490287  
American - 7213715  
Canadian - 2479513  
Other patents pending

**[www.xtirpa.com](http://www.xtirpa.com)**



Compliant fall protection and emergency rescue systems help prevent serious injury during fall arrest. Users must read and understand the User Instructions provided with the product and be properly trained by their employer prior to use per OSHA 1910.66 and 1926.503 or applicable local standards. Misuse or failure to follow warnings and instructions may result in serious personal injury or death.

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