WORKMAN® Fall Protection Series

Solutions for Safety at Heights

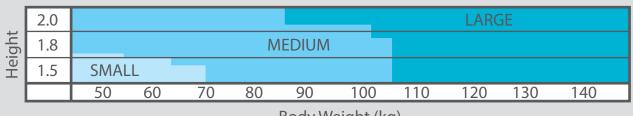




WORKMAN® Fall Protection Series

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Harness Sizing Chart



Body Weight (kg)

WORKMAN® Fall Protection Series





MSA has been in the business of safety at height since 1930. Today it is at the forefront of innovation in fall protection products.

MSA is proud of it's Fall Protection range and with the new 'WORKMAN' range of harnesses, lanyards, tripods and personal fall limiters we can assist you with all of your fall arrest needs.

As part of a global business, MSA Australia has access to a complete range of product from facilities in Mexico, China, Europe and the U.K.

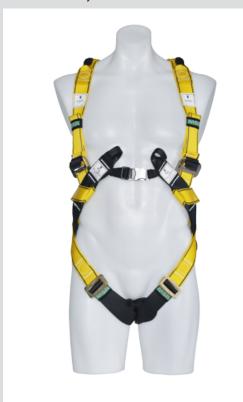
This access enables MSA Australia to carry stocks of the complete MSA fall protection product range.

We stock a full range of self retracting lanyards, harnesses, confined space entry, rescue products, horizontal and vertical lifeline systems.

<u>Harnesses</u>

WORKMAN® International Harnesses

Premier Full Body Harness







Bayonet Leg Strap Connectors



Self-Contained Tag Pack & Impact Indicator



Adjustable Leg Pads



- All-purpose full body harness for a wide variety of industrial applications including Construction, Confined space, Elevated work platforms,
- Constructed from lightweight UV resistant webbing.

Roofing and more.

- Fall arrest rated frontal attachment loops and rear D-ring.
- Attachment loops on shoulders for confined space entry and retrieval applications with spreader bar.
- Choice of Qwik-Fit or Bayonet leg strap connectors.
- Adjustable leg pads for ergonomic comfort.
- Newly designed, wear resistant, card package protects harness information and inspection detail.
- Unique impact indicator detects if the harness has been loaded.
- Available in Small, Medium and Large sizes.
- Certified to AS/NZ 1891.1:2007

• Certified	1 to AS/NZ 1891.1:2007.
PART NO:	Description
10112901	'WORKMAN' Premier Full Body Harness - Qwik-fit/Sml
10112902	'WORKMAN' Premier Full Body Harness - Qwik-fit/Med
10112903	'WORKMAN' Premier Full Body Harness - Qwik-fit/Lge
10112904	'WORKMAN' Premier Full Body Harness - Bayonet/Sml
10112905	'WORKMAN' Premier Full Body Harness - Bayonet/Med
10112906	'WORKMAN' Premier Full Body Harness - Bayonet/Lge





Utility Full Body Harness





- All the features and benefits of the Premier Harness PLUS:
- Additional comfort features make this harness ideally suited for suspension work.
- Padded waist belt and thigh support.
- Pole Strap attachment side D-Rings located close to the hips.
- Certified to AS/NZS 1891.1:2007.

PART NO:	Description
10112907	'WORKMAN' Utility Full Body Harness Bayonet/Small
10112908	'WORKMAN' Utility Full Body Harness Bayonet/Medium
10112909	'WORKMAN' Utility Full Body Harness Bayonet/Large

Premier Harness with Adjustable Webbing Lanyard





- All the features and benefits of the Premier Harness PLUS:
- Fully integrated adjustable webbing lanyard with a choice of steel snaphook or triple action karabiner anchor attachment.
- Provides great value with harness and lanyard in one.
- Ideal option for the rental/hire market
- Certified to AS/NZS 1891.1:2007.

• Certified to AS/NZS 1891.1:2007.					
PART NO:	Description				
10149237	'WORKMAN' Premier Harness QF / Small - c/w Adj Webbing Lanyard with snaphook				
10149238	'WORKMAN' Premier Harness QF / Medium - c/w Adj Webbing Lanyard with snaphook				
10149239	'WORKMAN' Premier Harness QF / Large - c/w Adj Webbing Lanyard with snaphook				
10149251	'WORKMAN' Premier Harness QF / Small - c/w Adj Webbing Lanyard with T/A Karabiner				
10149252	'WORKMAN' Premier Harness QF / Medium - c/w Adj Webbing Lanyard with T/A Karabiner				
10149253	'WORKMAN' Premier Harness QF / Large - c/w Adj Webbing Lanyard with T/A Karabiner				

WORKMAN® Crossover Harness



- The WORKMAN® Crossover Harness provides a simple solution for your basic fall protection needs
- Featuring the popular crossover design, this harness is light weight in construction and simple to don, making it suitable for all day wear in a range of applications including construction, maintenance, roof work, mining, descent and rescue
- High visibility webbing provides additional safety in illuminate deficient applications
- Comfort and adjustability achieved with the unique rear webbing spacer and quick-fit buckles, allowing the user to find the perfect fit
- Certified to AS/NZS 1891.1:2007

PART NO:	Description
10153871	WORKMAN® Crossover Harness Small
10153872	WORKMAN® Crossover Harness Medium
10153873	WORKMAN® Crossover Harness Large

Thermatek Harness

Thermatek Harness



- Lightweight harness constructed of Kevlar/Nomex blend webbing which is resistant to chemicals, weld splatter and other heat applications.
- Green webbing & contrasting Kevlar yellow stitching to assist harness inspection.
- Qwik-Fit leg straps for quick and easy connection.
- Fall arrest rated frontal attachment loops and rear D-ring.
- Attachment loops on shoulders for confined space entry and retrieval applications with spreader bar.
- Certified to AS/NZS 1891.1:2007.

PART NO: Description

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Thermatek Harness - One size fits all



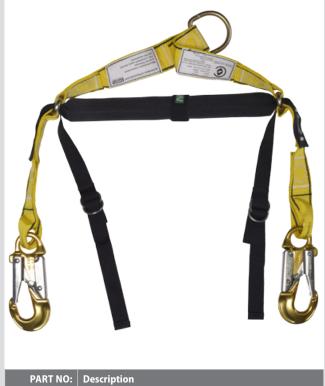
Harness Accessories



WORKMAN® Spreader Bars



Description 'WORKMAN' Spreader Bar Steel Snaphook



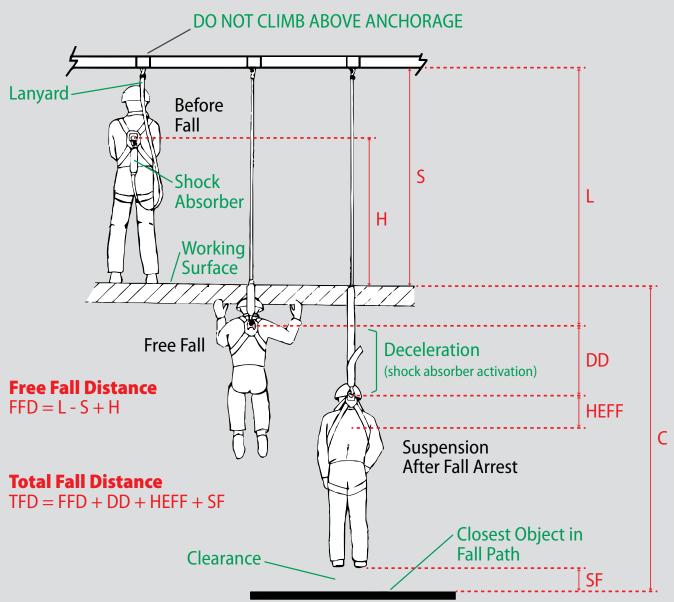
'WORKMAN' Spreader Bar Aluminium Snaphook

Lanyards

- The WORKMAN® International lanyard range offers fully adjustable single and twin leg shock absorbing webbing lanyards as well as kernmantle rope lanyards.
- Optioned with a range of snaphooks, scaffold hooks and karabiners.
- All Lanyards in the range are certified to AS/NZS 1891.1:2007.

										HARNESS ATTACHMENT			ANCHORAGE ATTACHMENT					
Lanyard Description	Part No	Webbing	Kernmantle	Length (M)	Thickness (mm)	Single Leg	Twin Leg	Fixed	Adjustable	Snaphook	Karabiner (Triple Action)	Karabiner (Aluminium)	Snaphook	Snaphook (Aluminium)	Scaffold Hook	Scaffold Hook (Aluminum)	Karabiner (Triple Action)	Karabiner (Aluminium)
	10112943	Х		2		Х			Х	X			Х					
	10112944	X		2		X			Х	Х					Х			
	10112945	Х		2		Х			Х	Х						Х		
	10112946	Х		2		Х			Х	Х								Х
Single Leg	10112947	Х		2		Х			Х	Х				Х				
Webbing Lanyard	10112953	Х		2		Х			Х		Х						Х	
	10112954	Х		2		Х			Х		Х				Х			
	10112955	Х		2		Х			Х		Х					Х		
	10112956	Х		2		Х			Х		Х			Х				
	10112957	Х		2		Х			Х			Х						Х
	10112948	Х		2			Х		Х	Х			Х					
	10112949	Х		2			Х		Х	Х					Х			
	10112950	Х		2			Х		Х	Х						Х		
Twin Leg	10112951	Х		2			Х		Х	Х								Х
Webbing Lanyard	10112952	Х		2			Х		Х	Х				Х				
	10112958	Х		2			Х		Х		Х						Х	
	10112960	Х		2			Х		Х		Х					Х		
	10112962	Х		2			Х		Х			Х						Х
	10149109		Х	2	12	Х		Х		Х			Х					
Single Leg	10112968		Х	2	12	Х		Х			Х						Х	
Kermantle Lanyard	10112969		Х	2	12	Х		Х			Х				Х			
	10112972		Х	2	12	Х		Х				Х						Х
	10149108		Х	2	12		Х	Х		Х			Х					
Twin Leg	10112974		Х	1.5	12		Х	Х			Х				Х			
Kermantle Lanyard	10112976		Х	1.5	12		Х	Х			Х			Х				
	10112977		Х	1.5	12		X	X				Х						Х
Short Shock Absorber	10124597							Х		Х			Х					
Situit Shock Absorber	10124599							Х			Х						Х	

Shock Absorbing Lanyard Fall Distance Calculation



- H = Distance between the working surface the fall arresting D-Ring (Approximately 1.5 m, add additional height for taller persons)
- L = Length of the lanyard (see Lanyard Selection table)
- $\mathsf{S} = \mathsf{Distance}$ between the working surface and the anchorage connector
- DD = Deceleration Distance (1.75 m)
- HEFF = Harness elongation fall factor i.e. stretch in the harness (Approximately 0.3 m)
 - SF = Safety Factor (Recommendation is 1 m)

NOTE:

- 1.Free fall distance must not exceed 2 m
- 2. Never make your anchorage connection below the level of the attachment point on your harness 3. The Total Fall Distance (TFD) must exceed the clearance distance (C)

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Single Leg Webbing Lanyards















Single Leg Webbing Lanyards









Twin Leg Webbing Lanyards





Twin Leg Webbing Lanyards















Single Leg Kernmantle Rope Lanyards

PART NO: Description

Lanyard - Single Leg SA Kernmantle - 12mm - 2.0m fixed Snaphook - Snaphook



PART NO: Description

Lanyard - Single Leg SA Kernmantle - 12mm - 2.0m fixed Triple Action Karabiner - Triple Action Karabiner



PART NO:

Description

Lanyard - Single Leg SA Kernmantle - 12mm - 2.0m fixed Triple Action Karabiner - Scaffold Hook



PART NO: Description

Lanyard - Single Leg SA Kernmantle - 12mm - 2.0m fixed Karabiner (Aluminium) - Karabiner (Aluminium)

Twin Leg Kernmantle Rope Lanyards



PART NO: Description

Lanyard - Twin Leg SA Kernmantle - 12mm - 2.0m fixed Snaphook - Snaphook



PART NO: Description

Lanyard - Twin Leg SA Kernmantle - 12mm - 1.5m fixed Triple Action Karabiner - Scaffold Hook



PART NO:

Description

Lanyard - Twin Leg SA Kernmantle - 12mm - 1.5m fixed Triple Action Karabiner - Snaphook (Aluminium)



PART NO:

Description

Lanyard - Twin Leg SA Kernmantle - 12mm - 1.5m fixed Karabiner (Aluminium) - Karabiner (Aluminium)

Short Shock Absorbers





Restraints and Anchors

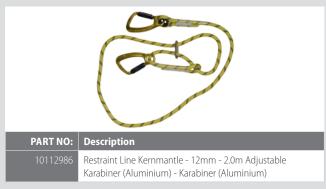
Restraint Webbing



Adjustable Length Kernmantle Rope Lanyard



Restraint Kernmantle



Webbing Anchor Slings



WORKMAN® FP Stryder Anchorage Connector



- Easy single hand installation.
- Low friction wear pads with Teflon allow Stryder to glide effortlessly along beam flange.
- Versatility allows for mounting overhead or at workers feet.
- Vernier adjustability for secure fit.
- Push button adjustment no pins to be lost!
- 2 models available standard version and XL version .
- 182kg working capacity.
- 22.2kN rated.
- Complies with AS/NZS 1891.4:2009.

PARTINO: L	Description
10144431 V	Workman FP Stryder 4"-13.5" Beam



WORKMAN® Fall Protection Kits

WORKMAN® Roof Worker's Kit



- WORKMAN® International Premier Harness (Medium).
- Kernmantle Rope c/w rope adjuster.
- Anchor Sling (1.5 m).
- Screw Gate Karabiner (x2).
- Backpack Carry Bag.

PART NO: Description
767300-15.0 WORKMAN® Roof Worker's Kit

Note: Other Kernmantle Rope lengths are available.

Rope length indicated in part number configuration eg. 767300-15.0 \sim 15m length rope.

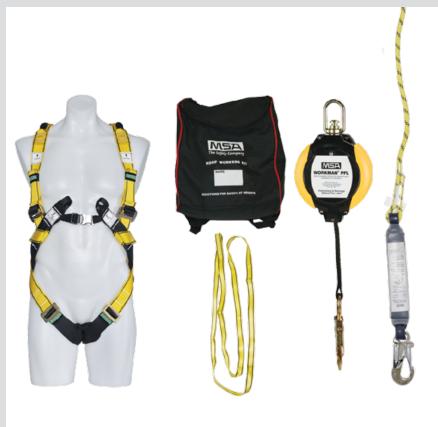
WORKMAN® Deluxe Roof Worker's Kit



- All contents supplied with the WORKMAN® Roof Worker's Kit PLUS:
- WORKMAN® Short Shock Absorber with Steel Snaphook's.
- Suspension Trauma Safety Step.

PART NO:	Description				
767808-20.0	WORKMAN® Deluxe Roof Worker's Kit				
Note: Rope length	Note: Rope length indicated in part number				

WORKMAN® Construction Worker's Kit



- WORKMAN® International Premier Harness (Medium).
- WORKMAN® PFL with Alloy Double Action Hook (3.7 m).
- Shock Absorbing Lanyard with Forged Steel Double Action Snap Hooks (2 m).
- Anchor Sling (1.5 m).
- Screw Gate Karabiner (x2).
- Backpack Carry Bag.

PART NO: Description

WORKMAN® Construction Worker's

WORKMAN® Basic Fall Protection Kit



- WORKMAN® International Premier Harness (Medium).
- Shock Absorbing Lanyard with Adjustable Webbing and with Forged Steel Double Action Snap Hooks (2 m).
- Anchor Sling (1.5 m).
- Backpack Carry Bag.

PART NO: Description

229842-1.0 WORKMAN® Basic Fall Protection Kit



WORKMAN® Personal Fall Limiters

WORKMAN® Twin Leg PFL







PART NO: Description

10126099 Twin Leg PFL, 21mm Snaphooks - 2.0m

PART NO: Description

10126098 Twin Leg PFL, 65mm Scaffold Hooks - 2.0m

- Twin Leg connection provides greater mobility and increased safety with continuous connection.
- Allows for the PFL to be fully integrated with the WORKMAN Harness range with fast and easy connection to harness rear D-Ring.
- Patent pending ARCA harness connection.
- 2.0 m lifeline length.
- Maximum arrest distance of 1.1 m ideal for use in low clearance applications.
- Robust thermoplastic housing tough and lightweight.
- Available with 2 x 21mm steel snaphooks or 2 x 65mm scaffold hooks.
- Certified to EN360 and complies with AS/NZS 1891.3:1997.

WORKMAN® Self Retracting Lanyards

WORKMAN® PFL

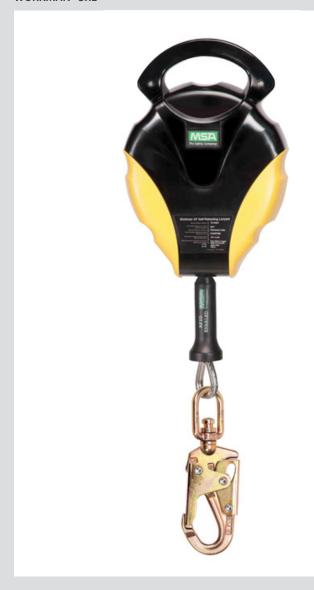






- Impact-resistant thermoplastic housing and alloy steel frame.
- Carbon steel locking mechanism with 1.9cm Nylon lifeline.
- Suitable for use in vertical, horizontal and incline applications.
- Maximum Working Load: 181 kg.
- Minimum Breaking Strength: 15kN.
- Maximum Arresting Distance:
- 1.07 m up to 140 kg & 1.37 m from 141 kg to 181 kg.
- Certified to EN360 and complies with AS/NZS 1891.3:1997.

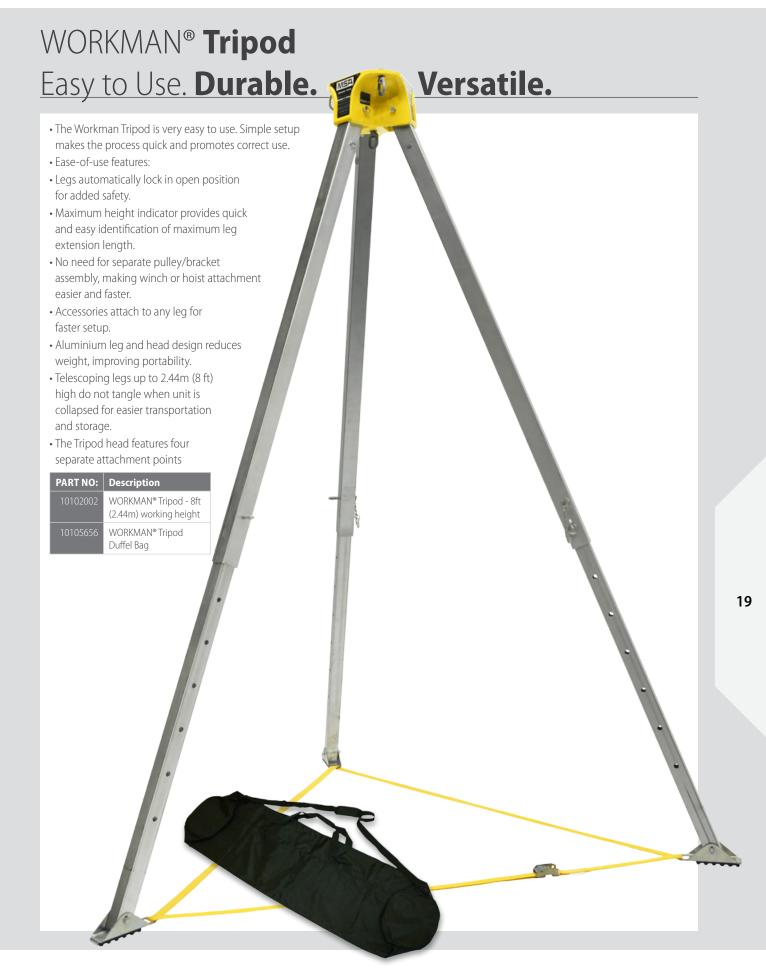
WORKMAN® SRL



- With lightweight design, durable thermoplastic housing and impact-absorbing bumpers, the WORKMAN SRL is not only well accepted by users, but also provides years of dependable service.
- RFID-enabled product for simplified product tracking and inspection.
- 136 kg working capacity for increased versatility.
- Integral, ergonomic carrying handle for easier transportation and installation.
- Swivel snaphook with load indicator at lifeline end greatly limits twisting of cable; also alerts users that the WORKMAN SRL has been involved in a fall.
- Available in 9.0 m and 15.0 m lengths to provide the mobility you need.
- Certified to EN360 and complies with AS/NZS 1891.3:1997.

PART NO:	Description					
10120723	SRL, 9.0m SST, steel D/A Swivel Snaphook					
10121777	SRL, 15.0m SST, steel D/A Swivel Snaphook					













<u>Durable</u>

A tripod needs to hold up well under use, and the Workman Tripod does. Built for durability, the unit features:

- Skid-resistant feet with built-in leg base support strap that improves stability and strengthens entire system.
- Cut-resistant pin retention chains that enable extended service life.
- Internal leg-locking mechanism prevents accidental disengagement during use and reduces possibility of damage to mechanism during use or while in storage.

<u>Versatile</u>

If ease-of-use and durability aren't enough, the Workman Tripod offers great versatility:

- Leg base support strap also serves as convenient carry strap.
- Tripod legs feature 4" incremental adjustments with easy-to-insert ball detent pins.
- Unit is backwards-compatible with Lynx® Hoist and Lynx Rescuer; no need to purchase new equipment or undergo costly upgrades.







Confined Space Equipment

WORKMAN® Winch



- Rugged, versatile and economical choice for lifting, lowering and positioning of personnel and materials within confined space applications.
- Designed for a maximum 140kg workload for personnel and 225kg for materials, the WORKMAN® Winch has a tough thermoplastic housing to ensure high performance in the harshest environments.
- Offers an integral and ergonomically carry grip with a unique, foldable crank handle for simple storage inside the included carry bag.
- Level wind mechanism for a tangle-free cable drum.
- Built in shock absorber and double braking system.
- Patent-pending bracket design allows for easy, rapid assembly.
- Compatible with WORKMAN Tripod & MSA Davit Arm.
- RFID-enabled product for simplified product tracking and inspection.
- Certified to EN1496 Class B.

PART NO:	Description		
10147296	WORKMAN® Winch, Stainless Steel Cable 20m (65ft), EN		
10154688	WORKMAN® Winch Stainless Steel Cable 30M (98ft), EN		
Note: Separate Pulley (506222) and Karahiner (765807)			

Note: Separate Pulley (506222) and Karabiner (765807) are required for use with Tripod.

Lynx™ Rescuer & Dynevac II



- Self Retracting Lanyard with emergency retrieval capabilities.
- User is able to reset device from retrieval mode to fall arrest mode.
- Dynevac II utilises a safety pin feature for field re-set from inertia reel to recovery and back to inertia reel.
- Lynx Rescuer utilises a lock feature with key which allows more control over who can reset the unit back to fall arrest mode.
- Provides fall arrest and emergency lifting and lowering for confined space entry.

PART NO:	Description
10011744	Lynx Rescuer, 16m travel, stainless steel cable
10011745	Lynx Rescuer - 30m travel, stainless steel cable
10007782	Dynevac II, 16m stainless steel cable
10007783	Dynevac II, 30m stainless steel cable

Note: Separate Mounting Bracket (506232 - 16m; 506216 32m), Pulley (506222) and Karabiner (765807) are required for use with Tripod

Rescue Safe Rope Rescue Retrieval System



- For raising and lowering people in rescue and industrial work access and is ideal for confined space applications.
- Overspeed locking brake.
- Hand ascender for aiding the operation and fail safe brake.
- Anchor strap and karabiners (2).
- 3:1 or 4:1 mechanical advantage.

PART NO:	Description
229090-45.0	3:1 Ratio - 45m (Max. Trav - 15m)
229090-60.0	3:1 Ratio - 60m (Max. Trav - 20m)
229090-90.0	3:1 Ratio - 90m (Max. Trav - 30m)
229485-60.0	4:1 Ratio - 60m (Max. Trav - 15m)
229485-80.0	4:1 Ratio - 80m (Max. Trav - 20m)
229485-120.0	4:1 Ratio - 120m (Max. Trav - 30m)



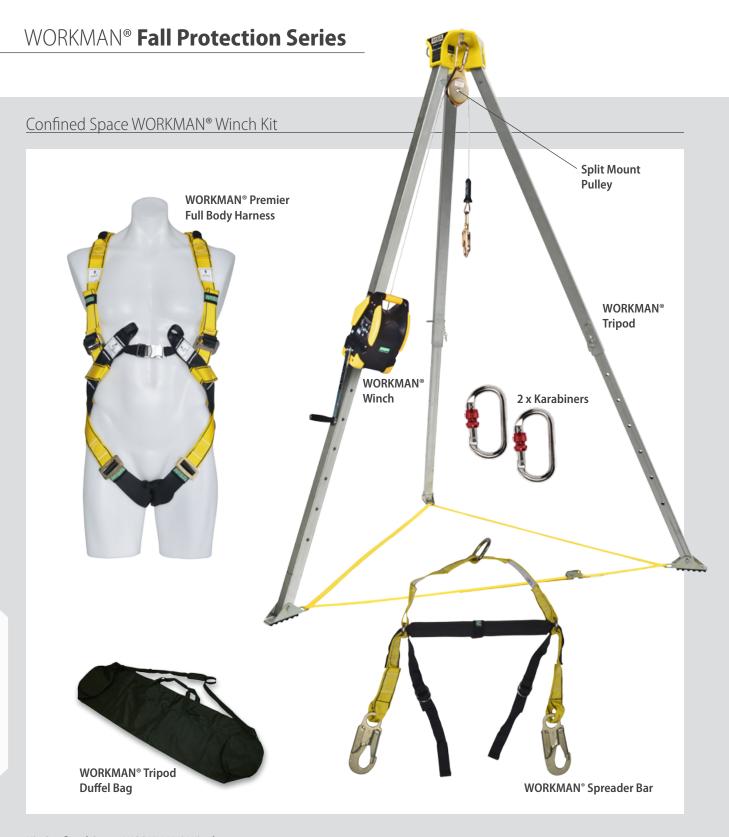


Kit Confined Space Rope Rescue System 3:1 45m Rope/15m Travel Part No: 767790

PART NO:	Description
229090-45.0	Rescue Safe Rope Rescue Retrieval System, 3:1 Ratio 45m (Max. Trav - 15m)
10112902	WORKMAN® Premier Full Body Harness - Qwik-fit/Med
10112910	WORKMAN® Spreader Bar Steel Snaphook
10105656	WORKMAN® Tripod Duffel Bag
10102002	WORKMAN® Tripod - 8ft (2.44m) working height

Kit Confined Space Rope Rescue System 4:1 60m Rope/15m Travel Part No: 767791

PART NO:	Description
229485-60.0	Rescue Safe Rope Rescue Retrieval System, 4:1 Ratio 60m (Max. Trav - 15m)
10112902	WORKMAN® Premier Full Body Harness - Qwik-fit/Med
10112910	WORKMAN® Spreader Bar Steel Snaphook
10105656	WORKMAN® Tripod Duffel Bag
10102002	WORKMAN® Tripod - 8ft (2.44m) working height



Kit Confined Space WORKMAN® Winch Part No: 767939

PART NO:	Description
765807	Karabiner, Forged Steel, 15mm Screw Gate x 2
10147296	WORKMAN® Winch, Stainless Steel Cable 20m (65ft), EN
506222	Split Mount Pulley
10112902	WORKMAN® Premier Full Body Harness - Qwik-fit/Med
10112910	WORKMAN® Spreader Bar Steel Snaphook
10105656	WORKMAN® Tripod Duffel Bag
10102002	WORKMAN® Tripod - 8ft (2.44m) working height

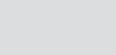


Kit Confined Space Lynx Rescuer 16m Stainless Steel Part No: 767135

PART NO:	Description
10011744	Lynx Rescuer, Stainless Steel Cable, 16m
506232	Lynx Rescuer, Mounting Bracket to Tripod - 16m unit
765807	Karabiner, Forged Steel, 15mm Screw Gate x 2
506222	Split Mount Pulley
10112902	WORKMAN® Premier Full Body Harness - Qwik-fit/Med
10112910	WORKMAN® Spreader Bar Steel Snaphook
10105656	WORKMAN® Tripod Duffel Bag
10102002	WORKMAN® Tripod - 8ft (2.44m) working height

Kit Confined Space Lynx Rescuer 30m Stainless Steel Part No: 767789

PART NO:	Description
10011745	Lynx Rescuer, Stainless Steel Cable, 30m
506216	Lynx Rescuer, Mounting Bracket to Tripod - 30m unit
765807	Karabiner, Forged Steel, 15mm Screw Gate x 2
506222	Split Mount Pulley
10112902	WORKMAN® Premier Full Body Harness - Qwik-fit/Med
10112910	WORKMAN® Spreader Bar Steel Snaphook
10105656	WORKMAN® Tripod Duffel Bag
10102002	WORKMAN® Tripod - 8ft (2.44m) working height



The Safety Company



NOTE: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warning or cautions provided have been thoroughly read and understood. Only they contain the complete and detail information concerning proper use and care of these products.

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