RETRACTABLE FALL ARRESTOR

USER INSTRUCTION MANUAL

MODEL: IRW200TB - ALL MODELS



READ INSTRUCTIONS BEFORE USE.

CONFORMS TO EN 360:2002 & VG 11 SHEETS PPE-R/11.062≠, 11.085≠ & 11.086≠ THE PPE REGULATION (EU) 2016/425

MODEL

APPLICATION

This retractable fall arrestor is to be used as part of a fall arrest system. A suitable anchor point is to be used with a minimum certified rating of 12kN. The retractable fall arrestor can be used in any orientation with above head anchorage the preferred option with reduced fall clearance required, other orientations — horizontal or anchorage at foot level is acceptable however fall clearance considerations must be applied.

Attachment to the anchor point and PPE – full body harness – shall be made using the connectors supplied which conform to AS 1891.5:2020

KARABINER Gate Load >6kN LABEL **COVER** High impact polycarbonate **WEBBING & ENERGY ABSORBER** Polyester **SNAP HOOK** Load >6kN

LABEL



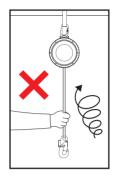
TECHNICAL DATA

Maximum Weight Rating	140 kg		
Strength	15kN for 3minutes		
Dynamic Performance	Arrest force>6kN		
Corrosion Resistance	In accordance with		
	ISO 9227:1990-24hrs		

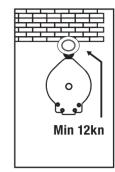
EXPLANATION OF THE MARKING



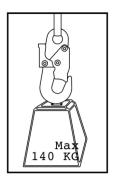
Leading edge rated.



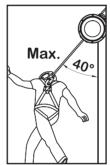
Webbing must fully extend and retract without hesitation.



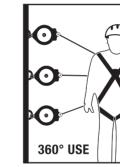
12kN or greater anchor point required.



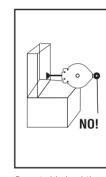
Max. Weight allowed is 140 kg.



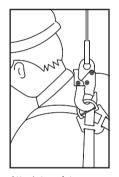
When anchored above, maximum angle of use is 40° from vertical to reduce pendulum effect.



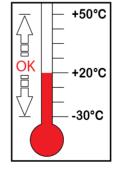
Rated to horizontal and foot level anchorage.



Do not side load the unit against an edge.



Attach to safety harness that complies to AS/NZS1891.1.



Acceptable use of temperature range.



Store the fall arrestor in a cool, dry, clean environment.

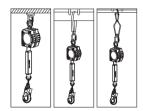
BEFORE USE

Pre-use checks shall be conducted, ensuring the fall arrestor is in serviceable condition and operates correctly before use.

- Check for loose screws, damaged or worn parts. It should be in a perfect condition with tight screws and rivets. Fall Arrestor shall be in perfect working condition.
- Inspect cover for distortion, cracks or other signs of damage.
- Webbing must fully extend and retract back into fall arrestor without hesitation.
- Markings on product shall be clearly legible.
- Inspect webbing for cuts, tears, excessive abrasion, burns, heavy soling, chemical damage, Inspect stitching and energy absorber for signs of damage.
- Inspect connectors for signs of damage and corrosion. Ensure gate opens and closes freely.
- Ensure the webbing locks when sharply loaded by hand.
- Check shock absorber pack for any form of deployment, stretching or damage.

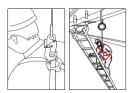
Withdraw from use immediately if there is any doubt about its safe operation if any of the above adverse conditions are found or if it has arrested a fall.

OPERATION PROCEDURE



STEP 1. CONNECTING TO ANCHORAGE POINT

Anchor device or structural member chosen to serve as the anchor point(s) must conform to AS/NZS 1891.4 strength requirements and the connectors used shall conform to AS 1891.5 standard. Anchorage location must be clear of hazards below. The minimum strength of the anchor must be 12KN.



STEP 2. CONNECTING TO FULL BODY HARNESS

For general fall protection use, attach connector to back D-Ring (Left figure). For situations such as ladder climbing, attach to front belay loops (Right figure). Full body harness shall confirm to AS/ NZS 1891.1 when sued in conjunction with this fall arrestor.

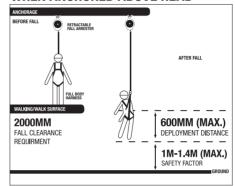
STEP 3. WORKING ENVIRONMENT

Hazards that may affect the performance of the fall arrestor must and its safe operation must be observed. E.g sharp edges, chemicals, electrical conductivity, excessive abrasion, UV degradation, climatic conditions (excessive cold and heat) below -30 C and over 50 C.

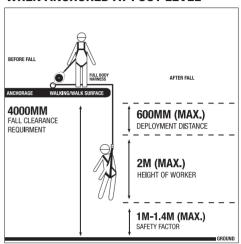
STEP 4. CALCULATING THE MINIMUM FALL FACTOR

It is essential to verify the free space required between the Retractable Fall Arrester and the ground at the workplace, so that in case of a fall, there will be no collision with the ground or other obstacle in the fall path. ** Extra allowance should be made when anchored at foot level**

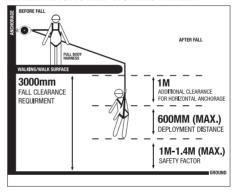
WHEN ANCHORED ABOVE HEAD



WHEN ANCHORED AT FOOT LEVEL



WHEN ANCHORED HORIZONTALLY



MAINTENANCE

CLEAN

CLEANING, DISINFECTING AND GENERAL MAINTENANCE

- 1. The Fall Arrestor should be cleaned to remove dirt or debris, using a mild cleaner, PH neutral soap or warm water. Allow to dry keep away from open or any source of heat. Avoid direct sunlight.
- 2. To disinfect the equipment use 70% of ethyl alcohol in cloth or sponge.
- 3. Store in a dry cool place, away from moisture, direct sunlight, chemicals or any hazards that could affect future performance.



During transportation, such as express, sea freight, or truck, store inside carton box.

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USER INSTRUCTION MANUAL

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MAINTENANCE

INSPECTION RECORD RETRACTABLE LIFELINE								
MODEL		AGENT		SERIAL NUMBER				
MANUFACTURE ADDRESS			TEL, FAX, EMAIL, WEBSITE					
DATE OF MANUFACTURE/EXPIRY DATE		DATE TO PURCHASE			DATE OF FIRST USE			
OTHER RELEVANT INFORMATION								
PERIODIC EXAMINATION AND REPAIR HISTORY								
DATE	REASON FOR RETURN (PERIODIC EXAMINATION OR REPAIR		DEFECTS NOTED, REPAIRS CARRIED OUT AND OTHER RELEVANT INFORMATION	NAME AND S COMPETENT	SIGNATURE OF PERSON	PERIODIC EXAMINATION NEXT DUE DATE		

WARNING 1

DURING USE

- 1. Fall Arrestor shall only be used by persons trained and competent in its safe use. Any medical or physical conditions should not impede upon user safety when during use.
- Do not leave fall arrest equipment for long periods in environments where corrosion of metal parts could take place as a result of vapours from organic materials.
- 3. A Rescue plan shall be in place to handle any emergencies that could arise during work performed.
- 4. DO NOT make any alterations or additions to the fall arrestor without the manufacturers written consent and that any repair shall only be carried out by personnel trained and authorised by the manufacturer.

ADDITIONAL ADVICE AND INFORMATION

- This fall arrestor shall not be used outside its limitations, or for any purpose other than for which it is intended.
- 2. This fall arrestor shall be the personal property of the user.
- Usage with incompatible items can be dangerous as it may interfere with the safe operational function of another item.
- 4. Use full body harness certified to AS/NZS1891.1. It is recommended that the rear dorsal attachment of the harness is used for connection of the fall arrestor. However if not practical to do, the frontal connections points may also be used.
- 5. It is essential for user safety to verify sufficient free space between fall arrestor and the ground beneath, so that in the case of a fall, there will no collision with the ground or obstacles in the fall path. Extra precaution shall be taken when anchored at waist or foot level allowing for additional free space.
- **6.** If this fall arrestor is re-sold outside the original country of destination, the reseller shall provide instruction manual, in the language of the country in which the product is to be used.
- 7. If used properly, the fall arrestor has a life of 10 years from the date of manufacture. Unless subjected to severe abrasion, climatic conditions or failure to pass periodic external examinations as per AS/NZS 1891.4 timetable.
- 8. Periodic recorded external examinations are required every 6 months by a competent person as per AS/NZS 1891.4.
- 9. IRW200TB- Tetha BloQ is a non serviceable product. Remove from service if pre-use checks or periodic external examinations suggest unsafe operation

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AUSTRALIA

INFO@LINQHS.COM.AU 1300 LINQ HS (5467 47)

NEW ZEALAND INFO@LINQHS.CO.NZ 0800 LINQ HS (5467 47)

INFO@LINQHS-UK.COM +44 (0) 1638 731 608

INTERNATIONAL INFO@LINQHS.COM +61 1300 546747

MANUFACTURER DETAILS: PARAMOUNT SAFETY PRODUCTS 12 FELLOWSHIP RD, GNANGARA WA, 6077 AUSTRALIA