

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 \neq , 11.085 \neq & 11.086 \neq
THE PPE REGULATION (EU) 2016/425



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

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

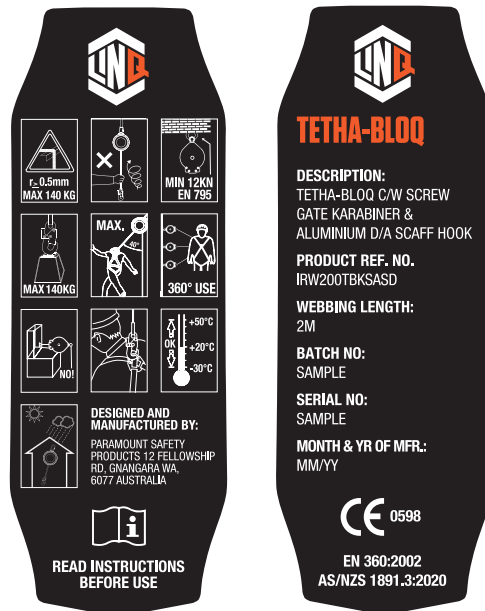
Polyester

SNAP HOOK

Load >6kN



LABEL



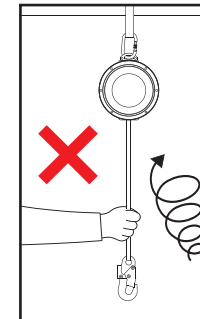
TECHNICAL DATA

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

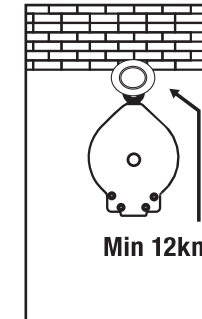
EXPLANATION OF THE MARKING



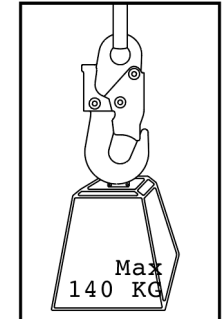
Leading edge rated.



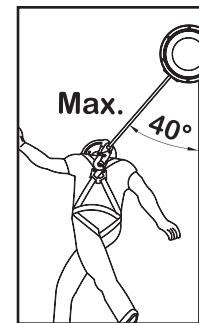
Webbing must fully extend and retract without hesitation.



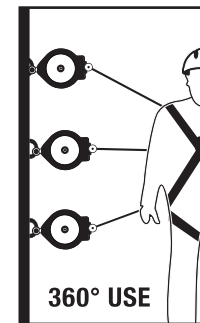
12kN or greater anchor point required.



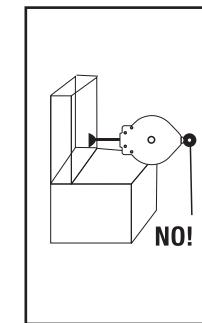
Max. Weight allowed is 140 kg.



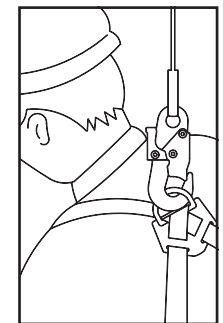
When anchored above, maximum angle of use is 40° from vertical to reduce pendulum effect.



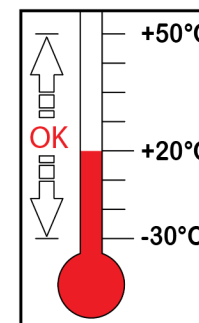
Rated to horizontal and foot level anchorage.



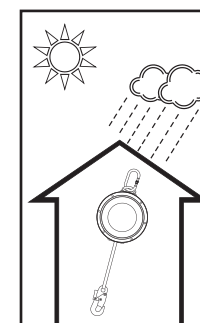
Do not side load the unit against an edge.



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.

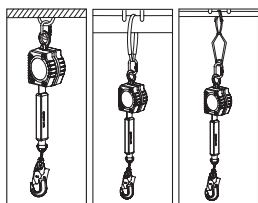
BEFORE USE

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

1. 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.
2. Inspect cover for distortion, cracks or other signs of damage.
3. Webbing must fully extend and retract back into fall arrestor without hesitation.
4. Markings on product shall be clearly legible.
5. Inspect webbing for cuts, tears, excessive abrasion, burns, heavy soiling, chemical damage. Inspect stitching and energy absorber for signs of damage.
6. Inspect connectors for signs of damage and corrosion. Ensure gate opens and closes freely.
7. Ensure the webbing locks when sharply loaded by hand.
8. Check shock absorber pack for any form of deployment, stretching or damage.

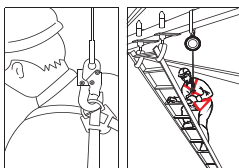
Withdraw from use immediately if there is any doubt about its safe operation if any of the above adverse conditions are found or if it has arrested a fall.

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 used in conjunction with this fall arrestor.

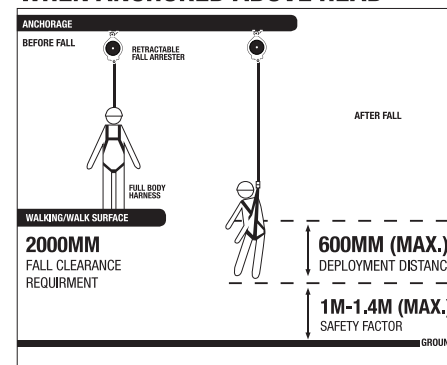
STEP 3. WORKING ENVIRONMENT

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.

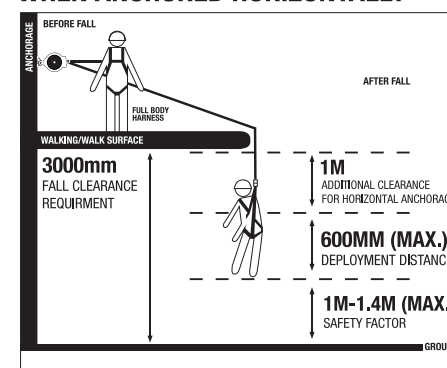
STEP 4. CALCULATING THE MINIMUM FALL FACTOR

It is essential to verify the free space required between the Retractable Fall Arrestor 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**

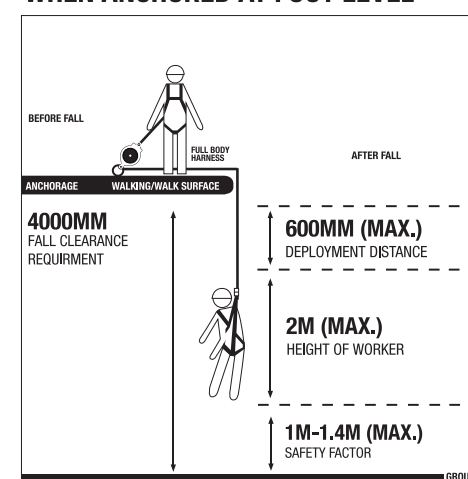
WHEN ANCHORED ABOVE HEAD



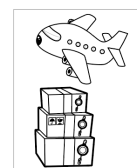
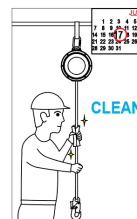
WHEN ANCHORED HORIZONTALLY



WHEN ANCHORED AT FOOT LEVEL



MAINTENANCE



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.

TRANSPORTATION

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

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