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Product Description

Product Name: DW200

Product Standard: BS EN 795: 2012 Type E

Product Description: Mild Steel construction with orange powder coated finish



Materials used

Sword pins: Mild Steel Zinc Plated

Frame: Mild Steel

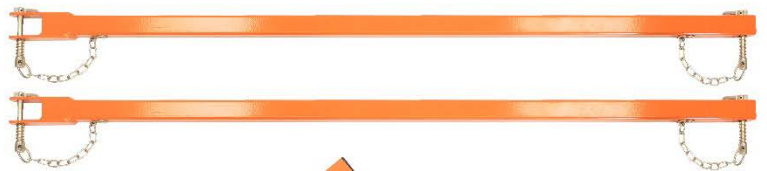
Eye Bolts: Galvanised white coated stainless

Component Parts

- The A-Frame is supplied with 12 x 25kg weights, **ALL** of which must be used at all times.
- 7 Parts: Front Boom, Mid Boom, Rear Trunnion, Front Stays, Front Stays, Front Trunnion and Brase.



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Assembly (Refer to the diagram below)

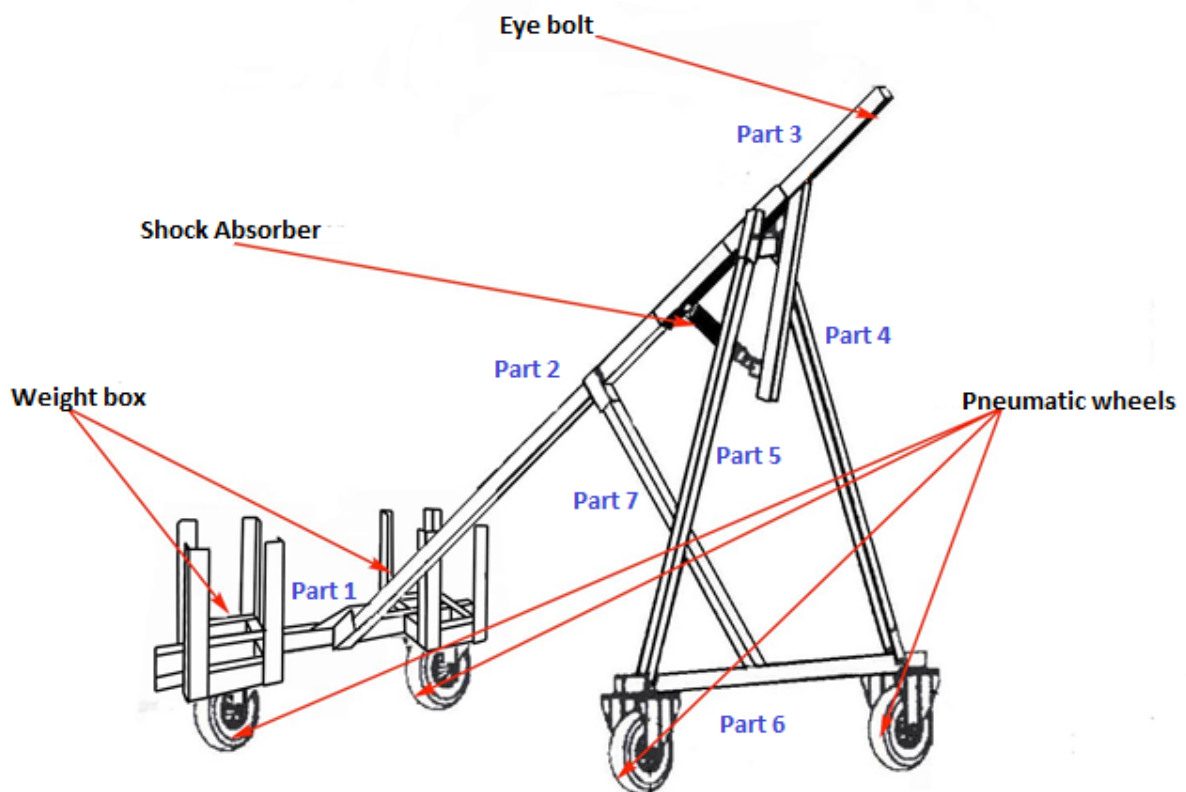
- The design of the A FRAME does not allow for incorrect assembly however, the user must ensure that all Locking Sword Pins are located and secured properly.
- It is recommended that assembly is carried out by two people.



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MUST USE ALL TWELVE WEIGHTS AT ALL TIMES.

1. It is recommended that the A FRAME is put together numerically (Add Part 1 to Part 2 and so on) according to the diagram below.
2. The A FRAME is supplied with 2 eye bolts, when rigging it is recommended that a double figure of 8 is used creating 2 anchor points between each rope.
3. Once assembled and in use, ALL 12 weights must be used at all times.





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Conformity and Markings

Conformity

- Your A-Frame conforms to BSEN795, tested by SATRA and CE marked accordingly. The A-Frame has been designed to be used for industrial rope access and fall arrest purposes.
- The A-Frame has passed further testing to meet the requirements of MBS 15KN, IRATA and SPRAT ICoP requirement that anchors for rope access must meet a 15kN static test.
- The A-Frame has been designed to be used behind a parapet wall ranging in height from 300mm.
- The A-Frame is for use by one person UNLESS a rescue needs to take place, then two people are allowed to use the frame.
- The A-Frame has a safe working load of 250kg and can be used in a rescue situation, but only with two people.
- The A-Frame is supplied with a test certificate that details the date of the first and next inspection.
- The A-Frame displays the date of next inspection on the tags secured on the base of the eye bolts.

Meaning of markings

CE0120: conformity to the European directive, including number of the notified body.


Serial Number: A-Frame month of manufacture year of manufacture and test cert no.

Name and Address of Notified Body: 0321

SATRA Technology
Wyndham Way
Kettering
NN16 8SD



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Manufacturer SAS Anchorage	SAS Anchorage 01793 644908 www.sasanchorage.com	Product A-Frame Trolley
CE 0120  EN795 : 2012 Type E MBS 15KN		
Serial No. SAS 000---	Model & Type/Identification DW200	S.W.L 250kgs

1 – Manufacturing Company

2 – Company contact details

3 – Product Name

4 – Conformity Markings

5 – Specific serial number assigned to each individual trolley

6 – The trolley's product code

7 – S.W.L = Safe Working Load limit of 250kgs



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IN USE

This equipment must never be used outside its limitations, or for any other purpose than that which it was designed.

Use as part of a system

- The A-Frame is designed to be used as part of a system. In fall arrest, it must be used with the appropriate equipment i.e. fall arrest lanyard and full body harness only and in rope access with a twin rope system and work positioning harness only and associated equipment.
- For rope access, standard requirements refer to BS7985:2002, BS EN12841:2006 and BS7883. For fall arrest, standard requirements refer to BS EN355 and BS EN361

Rescue

The A-Frame has a safe working load of 250kg and can be used in a rescue situation. This is the ONLY time when two people are allowed to use the anchor at the same time.

Documentation/Testing/Periodic Examinations

- The A-Frame is issued with a proof load test certificate valid for six months and must be tested six-monthly by a competent person. The safety of users depends upon the continued efficiency and durability of the equipment.
- A visual examination of the A-Frame is recommended before each use.
- The legibility of the ID plate (located under the eye bolts).
- A record card is kept by the manufacturer with a copy certificate issued to the user.

Training

- Users of this equipment shall be able to demonstrate either in-house expertise or hold suitable training certificates in fall arrest /industrial rope access.
- Working at height is dangerous, all personnel should be trained and competent with working at height.
- If there are any doubts regarding the safe condition and use of this equipment or if it has been involved in a fall situation, it should be withdrawn from use immediately.



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Pre-Use Checks

- **Eye bolts:** ensure all eye bolts are securely attached, no visible signs of cracks.
- **Discs:** ensure these are present and in date.
- **Weights:** ensure all weights are in place and secured.
- **Sword pins:** ensure all sword pins are secured in place and in working order.
- **Wheels:** ensure all wheels are inflated, functioning (including locking mechanism) and secure.

Essential for Safety

The A-Frame must be withdrawn from use immediately should:

1. Any doubt arises about its condition for safe use.
OR
2. It has been used to arrest a fall.

AND not used again until confirmed in writing by a competent person that it is safe to do so.

It is essential when being used for fall arrest, to verify the distance required in the event of a fall before each use so there will be no collision with the ground or other obstacles in the fall path. i.e Length of lanyard plus karabiner = 1.5m extension of energy absorber = .7m, distant between tie in point and workers feet = 1.5 m and a min post ground clearance of 1m, therefore a minimum ground clearance of 4.7m is required.

Manual Handling/Lifting

Due to the weight of the body and of component parts, it is recommended that gloves and steel toe boots are worn when handling and correct lifting techniques are adopted.

Medical Conditions

All candidates working with this product must be physically fit and free from any disability or medical conditions that may prevent them from working safely.

Installation

Please ensure that the surface in which the deadweight will be used is safe and clear. This is to include surface material, water, ballast, and any foreign material with any loose materials being removed as this could affect the frictional resistance of the deadweight.



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Warnings:

- In a fall arrest situation, the A-Frame must be used so that the operator is in line with the equipment's direction of fall and does not incur a pendulum.
- When the A-Frame is used as part of a fall arrest system, the user shall be equipped with the means of limiting the maximum dynamic forces exerted on the user during the arrest of a fall to a maximum of 6kN.
- The A-Frame should only be used for the personal fall protection equipment and not for lifting equipment, EXCEPT when using SAS Winch Mounting System. Please note: When using the SAS Winch Mounting System, leading edge protection must be used i.e. Lyon Edge Guard or Petzl Caterpillar.
- Any alterations to the main or any component parts of the A-Frame are strictly prohibited.
- The A-Frame must never be used in conjunction with any other piece of equipment that may impede its safe operation, or the safe operation of any other piece of equipment.
- The A-Frame is designed for the load to be applied vertically downwards from the two anchor points, in a plumb line from anchor point to abseiler. No amount of lateral deflection is acceptable. Any displacement in the anchor points must be reported immediately and the A-Frame withdrawn from service. The anchor must not be used again until it has been re-certified and confirmed in writing by a trained and competent person.
- If the A-Frame is re-sold, it is essential that instructions for use, maintenance/repair, periodic examination details and certification accompanies the A-Frame in the language of destination.
- If the marking of the A-Frame is not accessible after installation, additional marking near the A-Frame is recommended.
- A rescue plan should be in place to deal with emergencies that could arise during each use of the A-Frame.
- This equipment must never be used outside its limitations or for any other purpose than that which it was designed.

Transportation

- Remove all weights from the A-Frame in transportation.
- Secure weights and frame so no movement occurs in transport.
- Inspect the A-Frame after transportation and before use.



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Cleaning /Maintenance/Storage

- The A-Frame is finished with a powder coating that can be wiped clean. This will chip over time and it is recommended any exposed metal is kept rust free and touched up with a suitable paint.
- It is recommended that all working parts are lubricated on a periodic basis with a suitable lubricant - WD40 or similar.
- It is recommended that the A-Frame is stored under cover over night and in the event that it becomes wet it is dried in a well-ventilated area away from direct heat.

Life Span

In normal use, the A FRAME has an in-use life span of ten years however this can be severely reduced in the event of a fall and must be withdrawn from use if any irregularities are detected during daily pre-use checks or at a 6-monthly inspection.

Repair of product

- The end user must not make alterations or additions to the A-Frame without SAS Rope & Rail Ltd's prior written consent.
- The end user may only carry out repairs/ replacement to wheels and sword pins (see repair instructions below).
- All other repairs are to be carried out by the manufacturer or competent persons authorised by the manufacturer.

Repair instructions

Sword pins:

Prize open dolston washer with a flat headed screwdriver, insert chain link of new sword pin and close dolston washer using a soft faced hammer.

Wheels:

Remove bolts and washers, replace the wheel/s and re-secure.

Inner tube:

Remove wheel bolts and tyre. Remove punctured inner tube and replace with new. Secure wheel with bolts.



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In the case that your anchor does suffer any superficial damage and you would like to touch up the exterior, we are also happy to provide the touch up paints for your anchor.



Please call us on 01793 644908 to discuss further.

For instructional videos on how to set up and use both the A-Frame and Deadweight trolleys, please head to www.youtube.com and search SAS Anchorage. Members of our Rope Access team will guide you through.