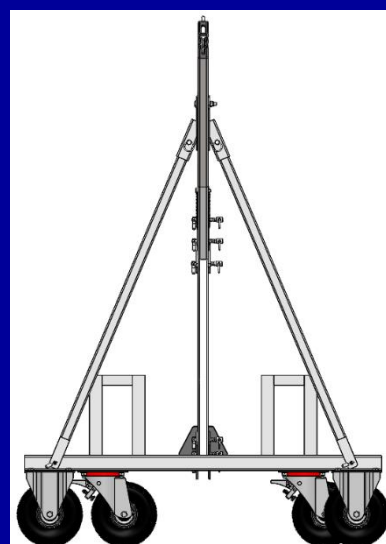
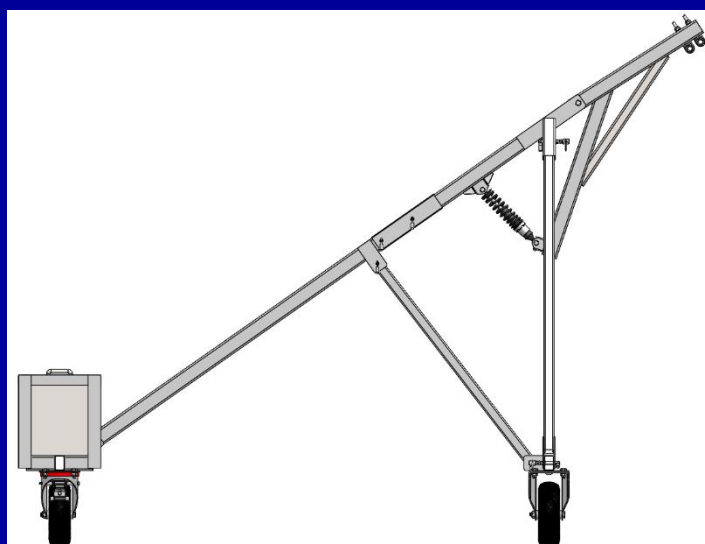
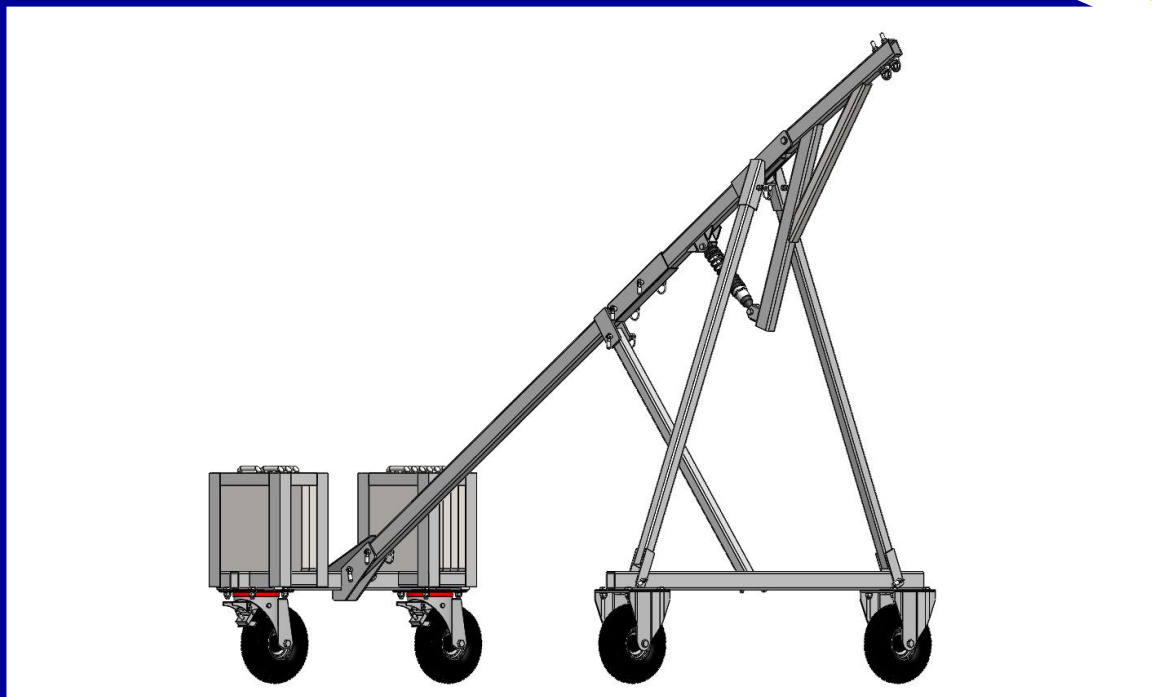


Abseiling A-Frame (AAF 1.0)



LIFTING GEAR SPECIALISTS



Abseiling A-Frame 1.0 (AAF 1.0)

The AAF 1.0 A-Frame is designed and tested to be used as a portable anchor device for rope access pursuits.

The AAF 1.0 A-Frame has been tested in accordance with EN795: 2012 Type E by Rope and Marine Services in the UK and CE stamped accordingly.

The unit has also been tested and found to meet the requirements of PD CEN/TS 16415: 2013 'anchor devices for two person rescue' and the SPRAT and IRATA ICoP requirement that anchor devices for rope access meet a 15kN static test without failure.

To access further information regarding rope access standards requirements please refer to ISO 22846-1:2003, BS7985: 2002, BS EN12841: 2006, BS7883 or equivalent international standards and Codes of Practice.

Installation

Installation surface must be of substantial strength (see section 8), level and must be clear of hazards, i.e. water, foreign matter, debris. Any of these hazards could impede the safety of the AAF.

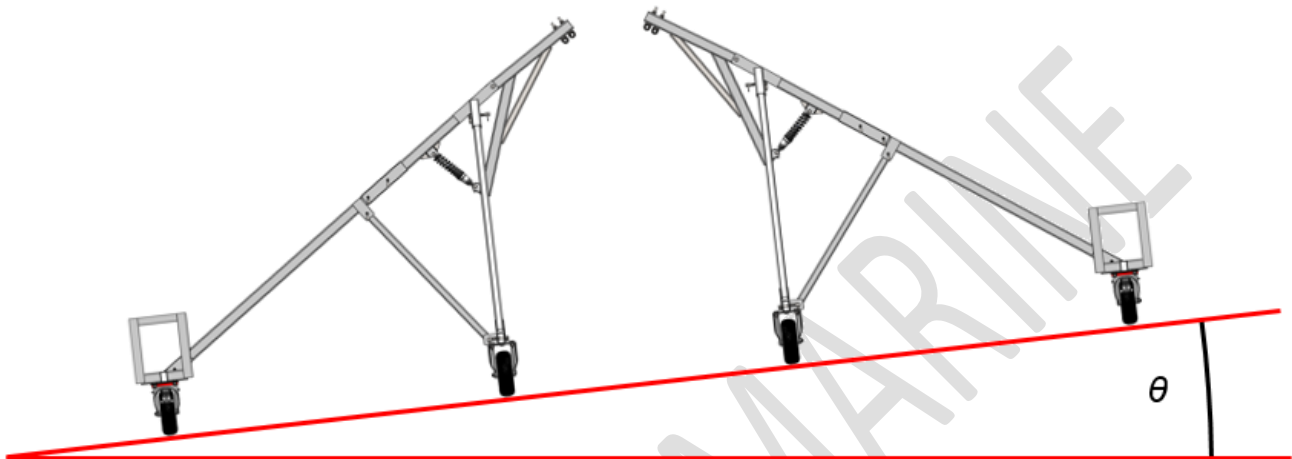
All AAF users must have had relevant in-house training, or equivalent working at height or industrial rope access training.

The device has a WLL of 250kg and can be used for a 2 person load in a **rescue situation** in accordance with PD CEN/TS 16415: 2013.

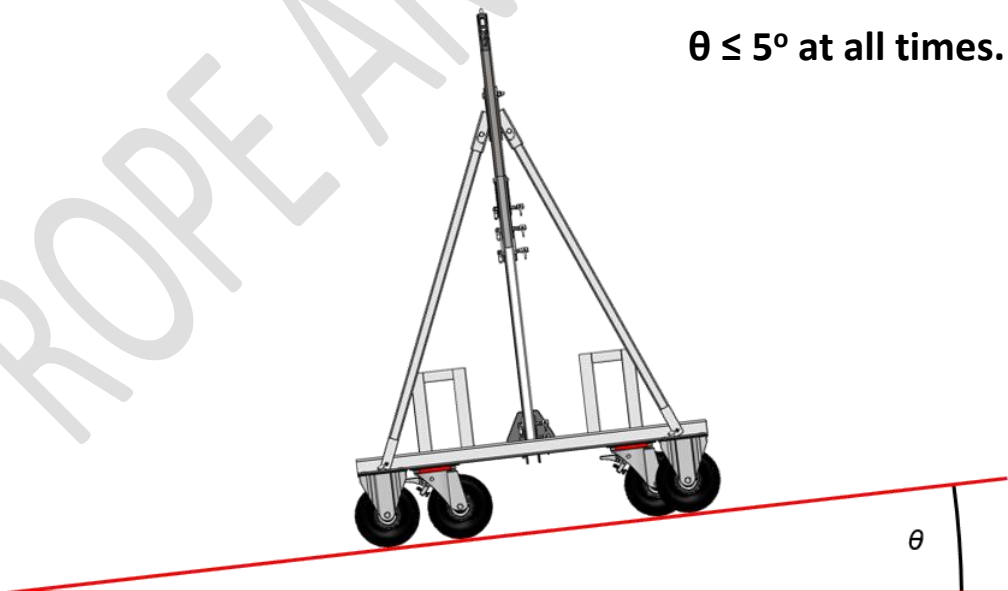
There must always be sufficient room in the direct path of the user, any obstacles could be extremely dangerous in the event of a dynamic incident.

1. General Constraints

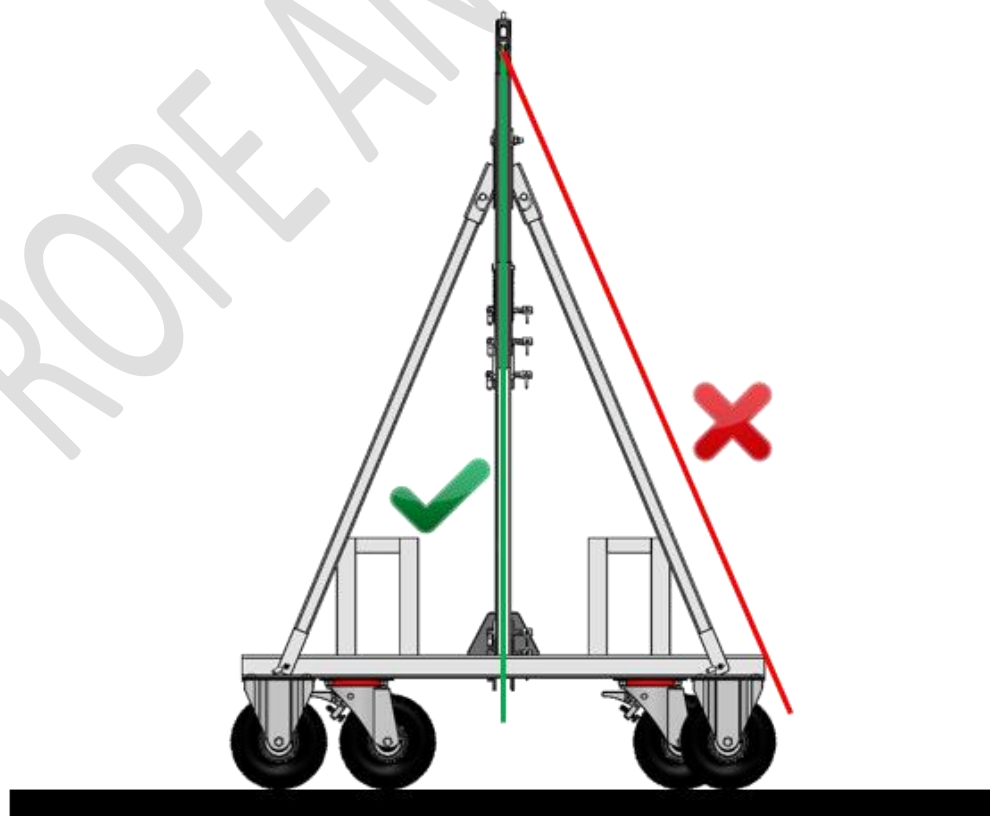
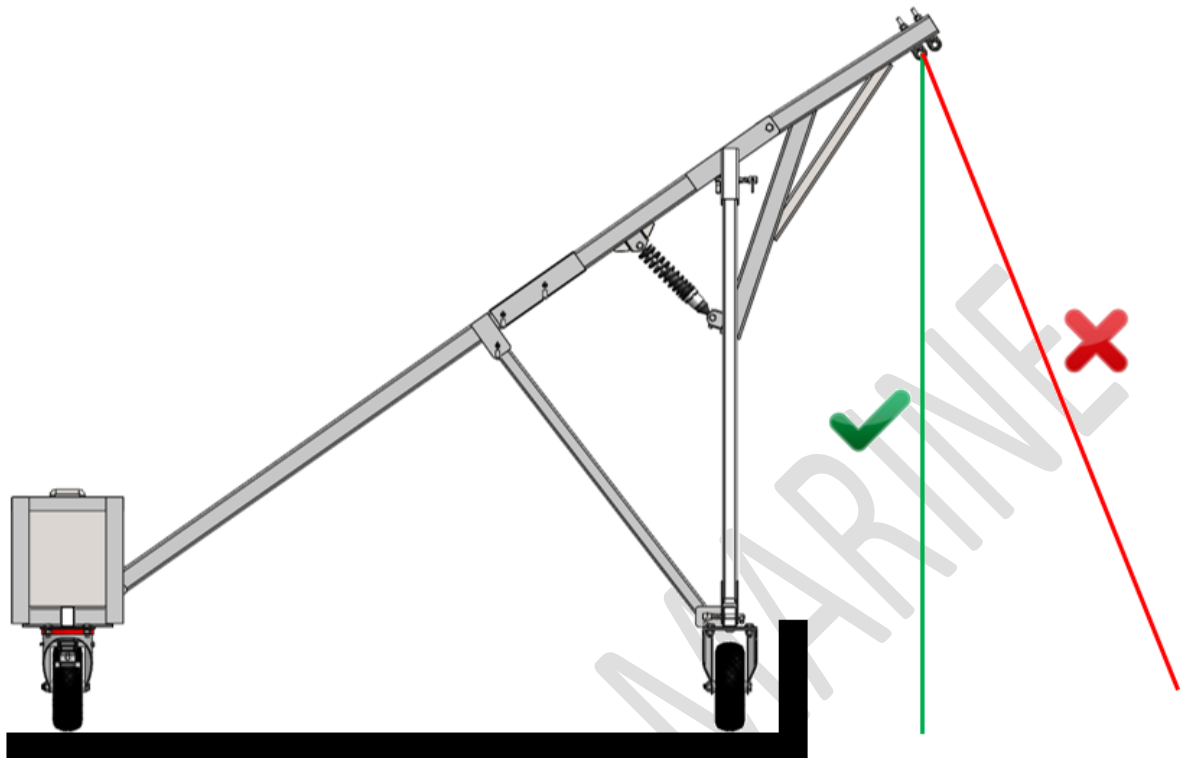
- i. The AAF should not be used on a surface that slopes more than 5° to the horizontal.



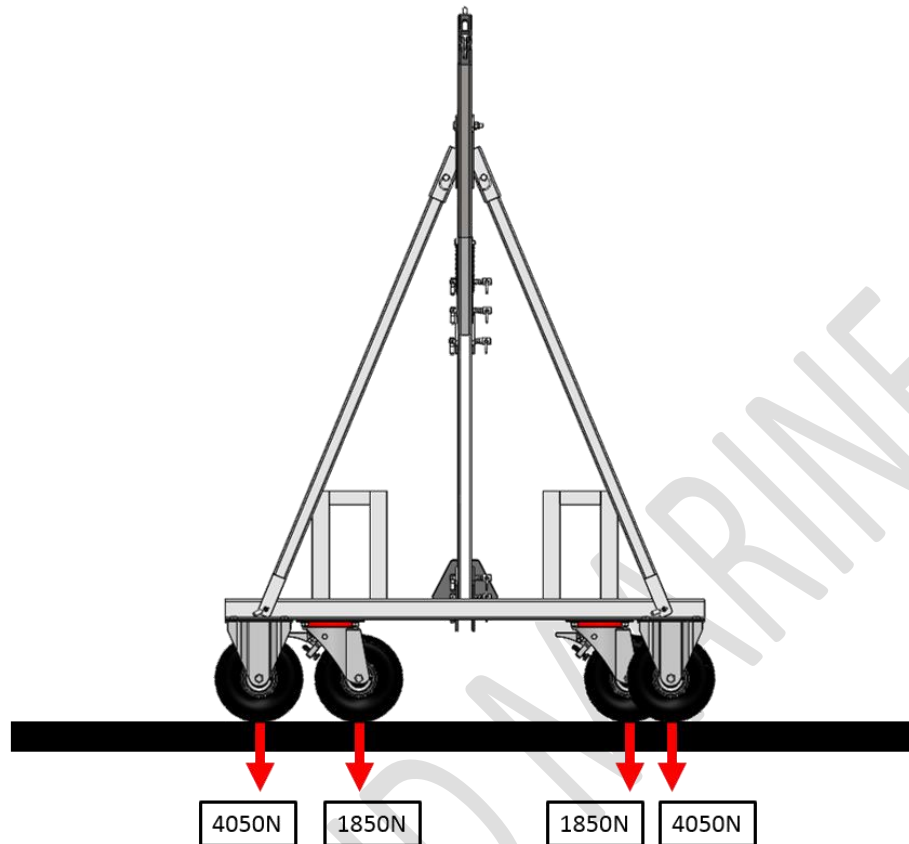
$\theta \leq 5^\circ$ at all times.



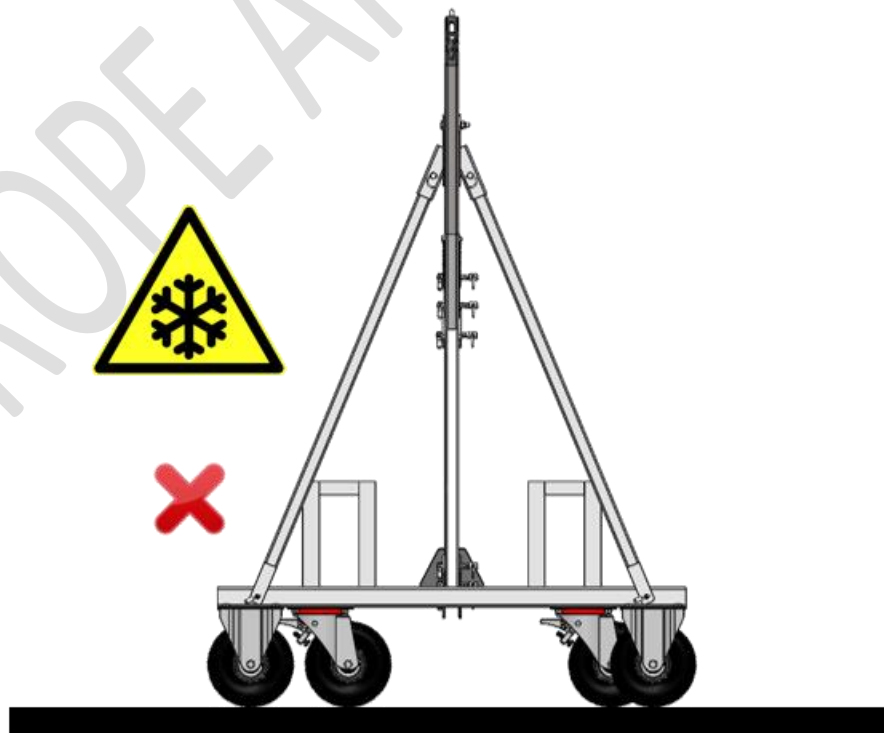
- ii. The user must remain directly inline with the AAF in both planes to prevent dangerous oscillations occurring.



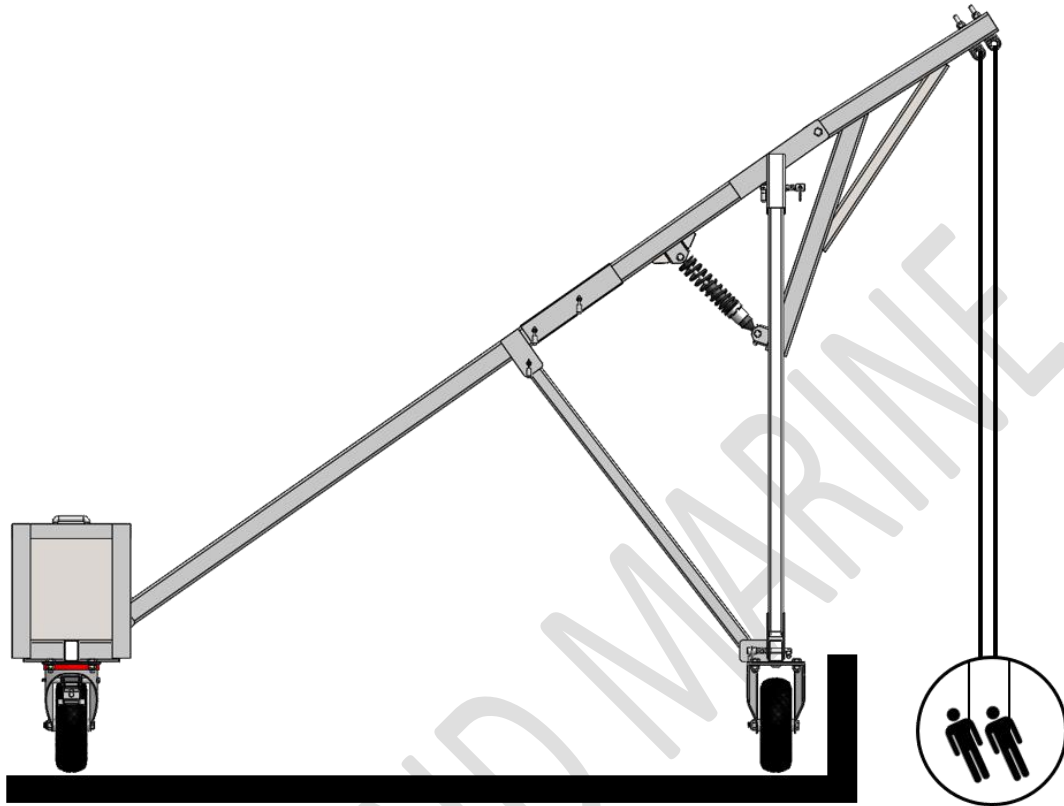
- iii. The user must make certain that the structure on which the AAF is situated is adequate for the loads the AAF will produce.



- iv. The AAF must not be used on any frozen surfaces, or where any contaminants may reduce the friction of the tyres.



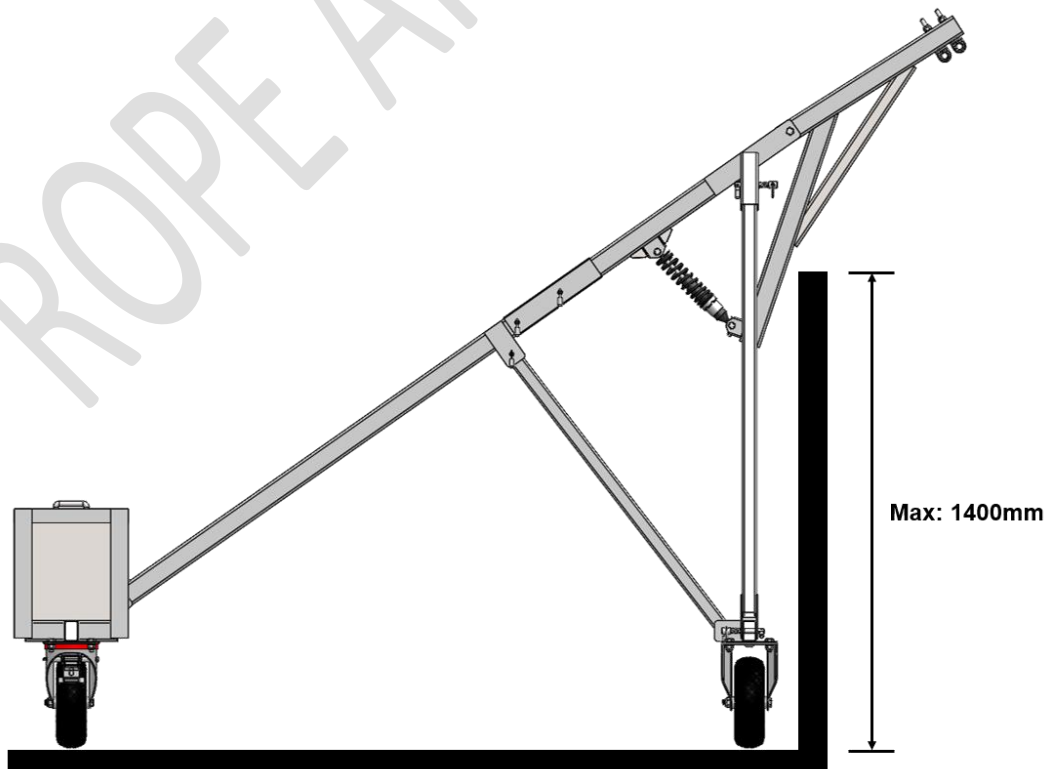
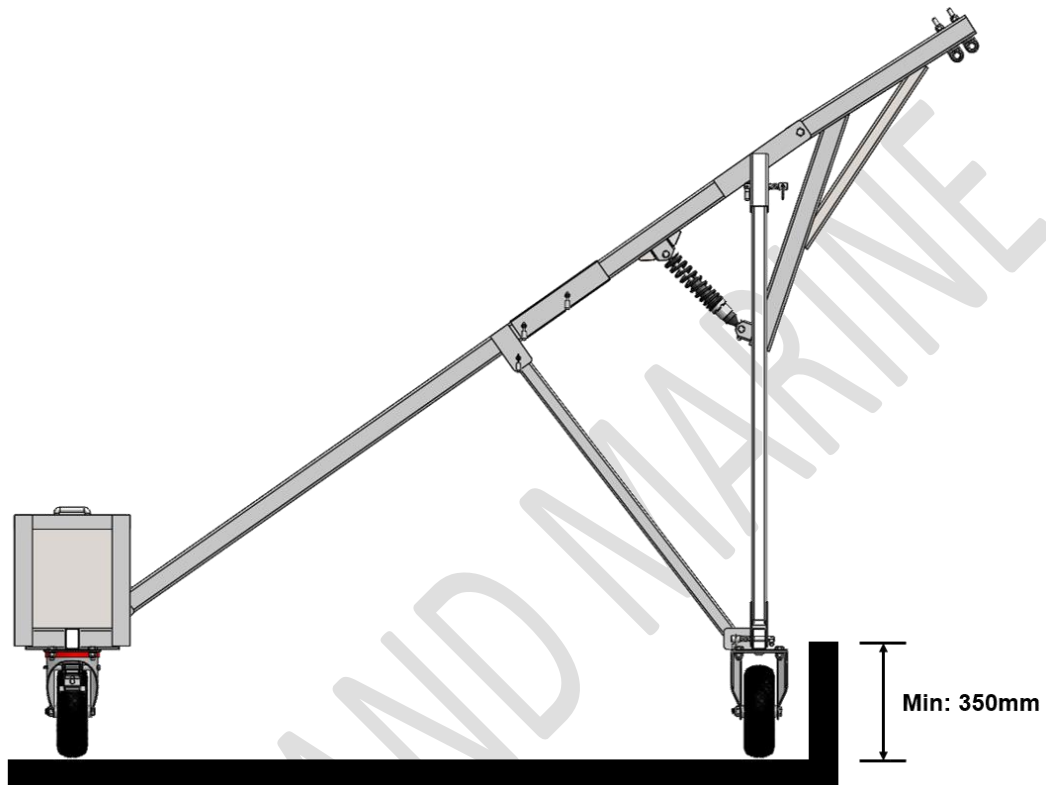
- v. The AAF is for the use of a single person. In an emergency the AAF can be used by a second person in accordance with PD CEN/TS 16415: 2013.



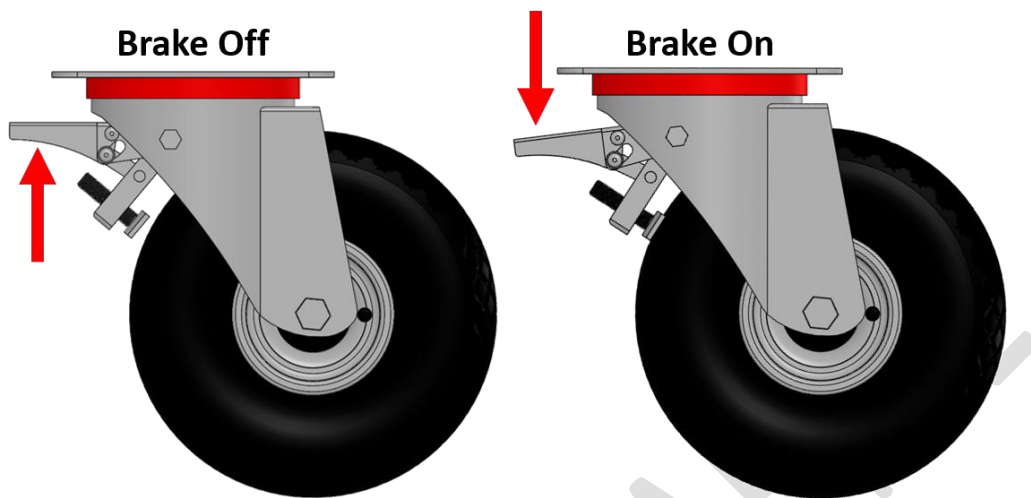
- vi. Do not use the AAF outside of the limitations described in this manual
- vii. Users must be equipped with means of limiting the maximum dynamic forces on users during a dynamic incident to less than 6kN.
- viii. When seeking to determine if specific PFPE is suitable to use with the AAF always refer to the relevant manual and check with the manufacturer.
- ix. Always ensure that all components within the AAF system are compatible and allow safe usage of the system.
- x. Always ensure all bolts are correctly tightened and all pins are installed correctly.

2. General Usage

- i. The AAF Should be used in conjunction with a parapet wall of minimum height of 350mm, and a maximum height of 1400mm.

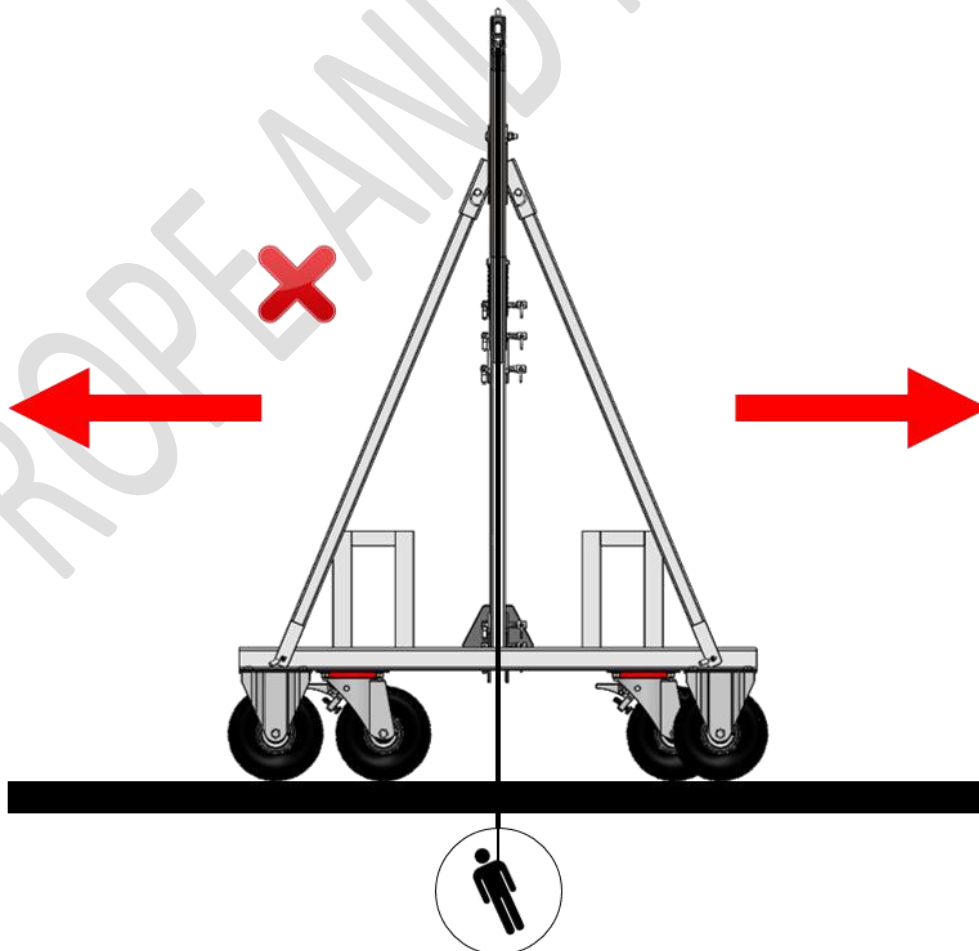


- ii. The wheel brakes can be released by pushing up on the brake lever from below. They can be engaged by pushing down on the brake lever from above. This brake also locks the swivelling mechanism.

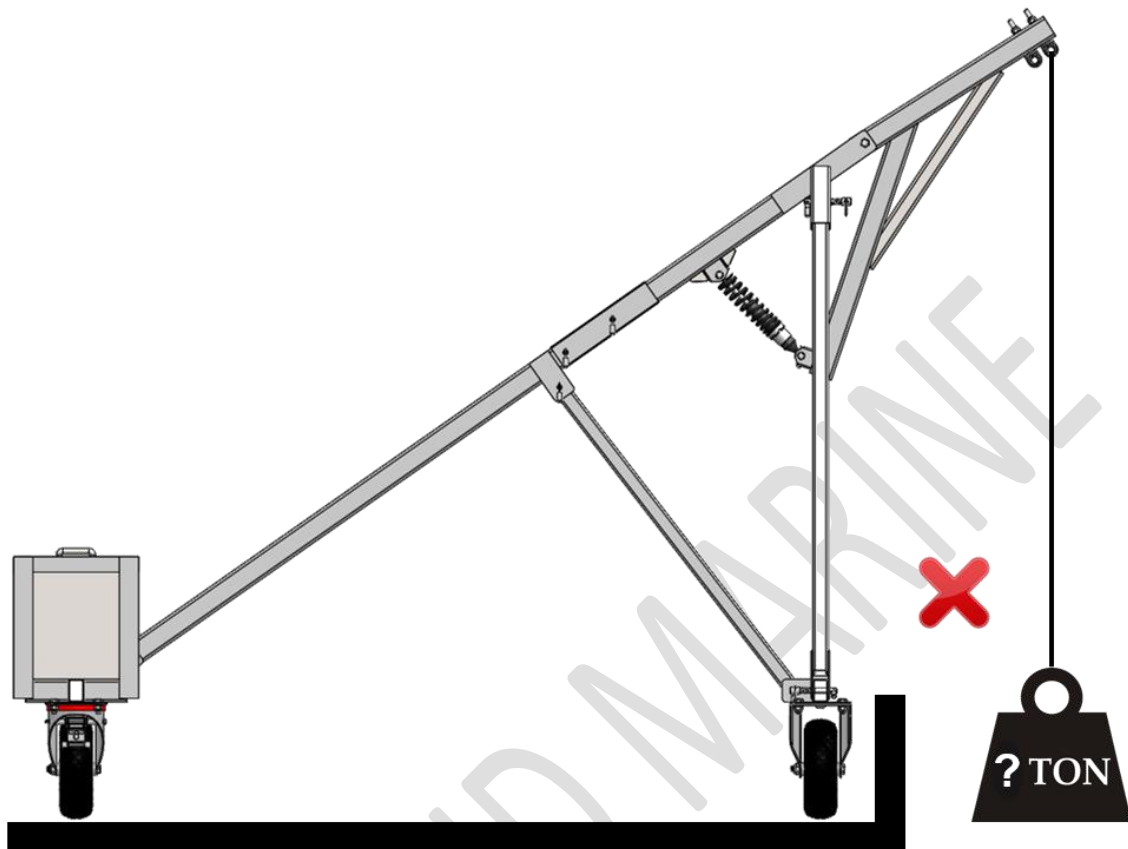


3. General Misuse

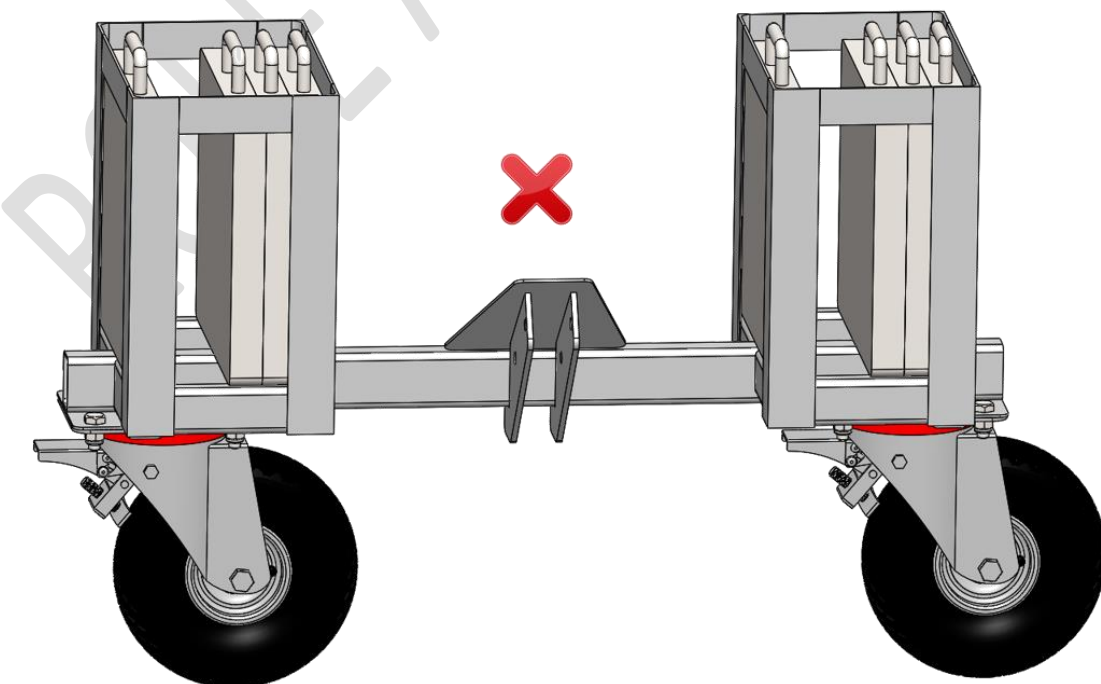
- i. Do not reposition the AAF with a person suspended.



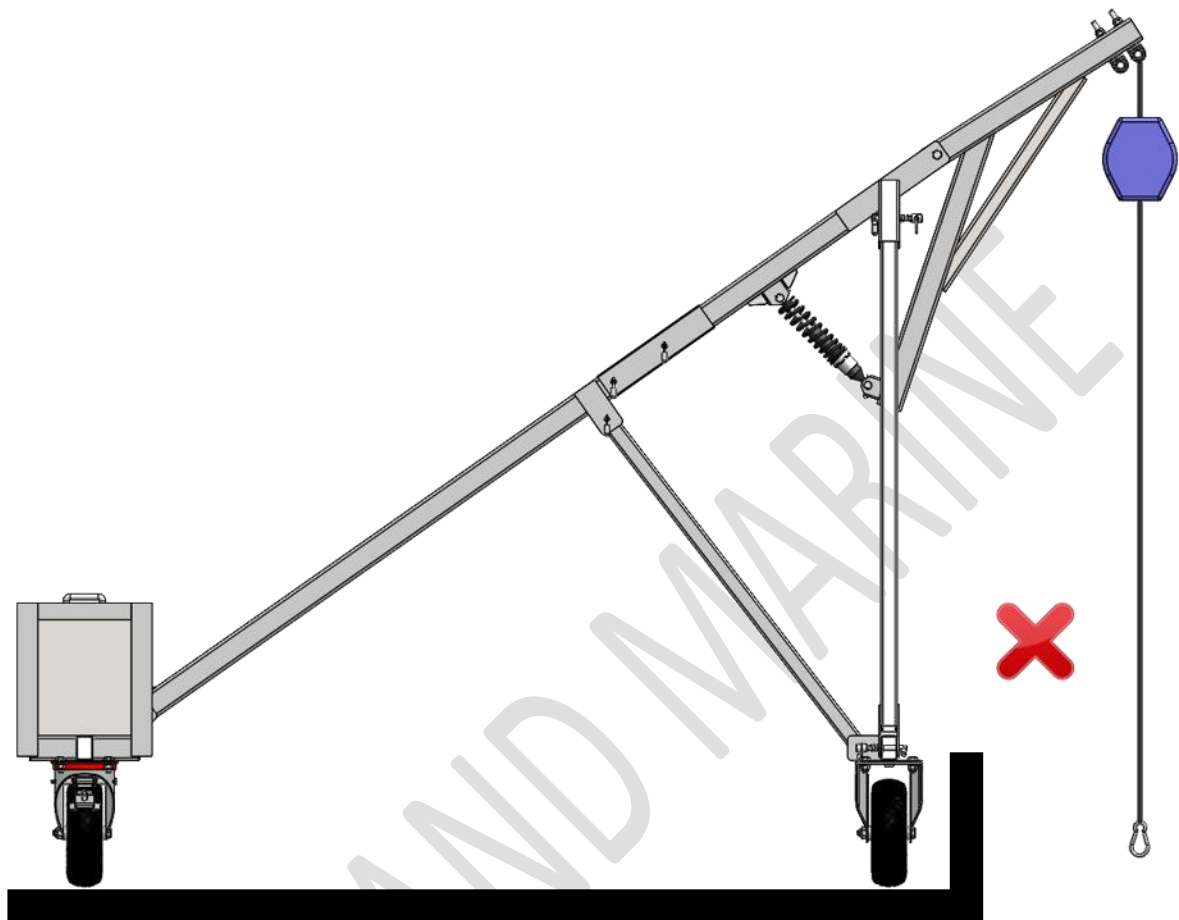
- ii. The AAF must only be used for suspending people. It must not be used for suspending other loads.



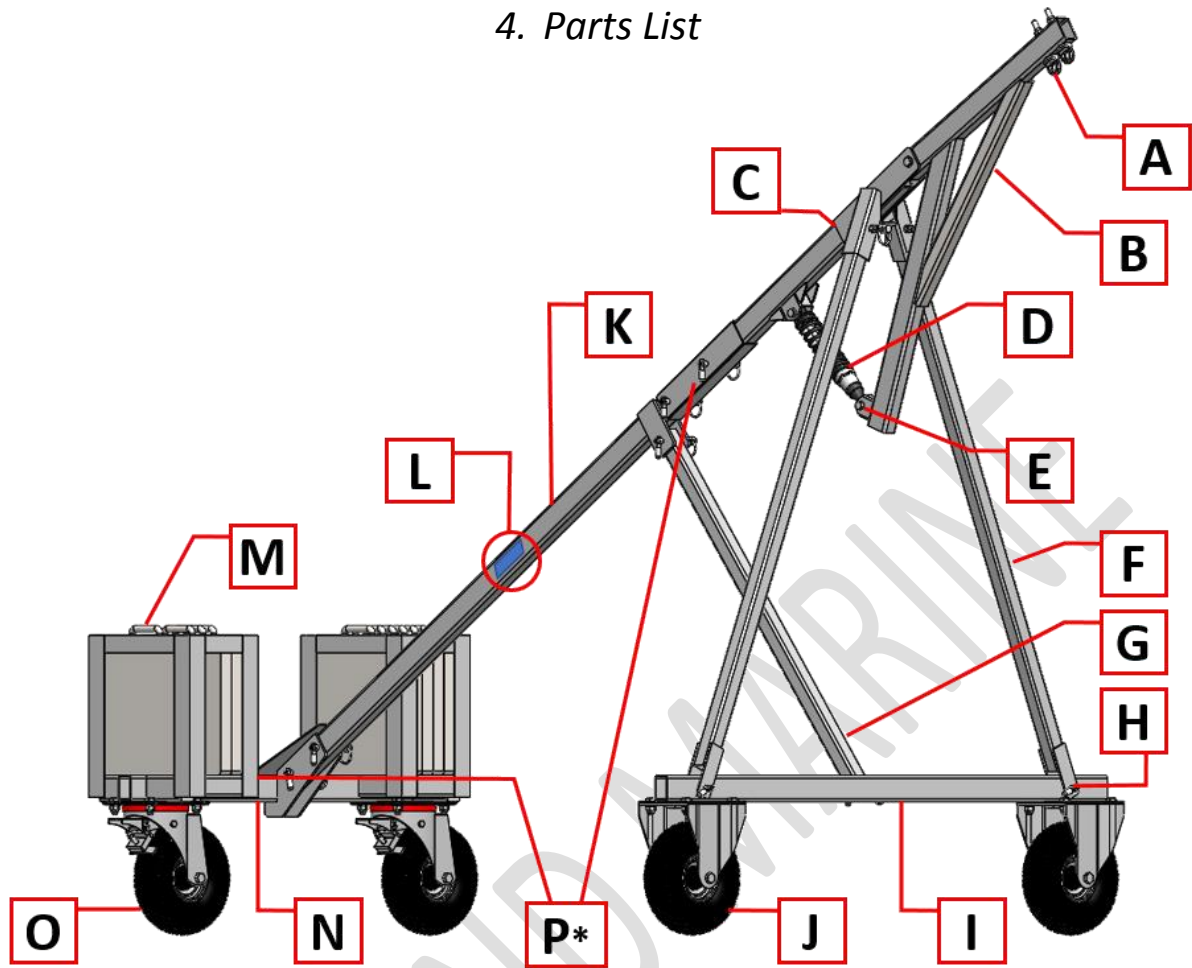
- iii. The AAF **must** be used with all of the weights installed.



- iv. The AAF must not be used as an anchor for Self-Retracting Lanyards.



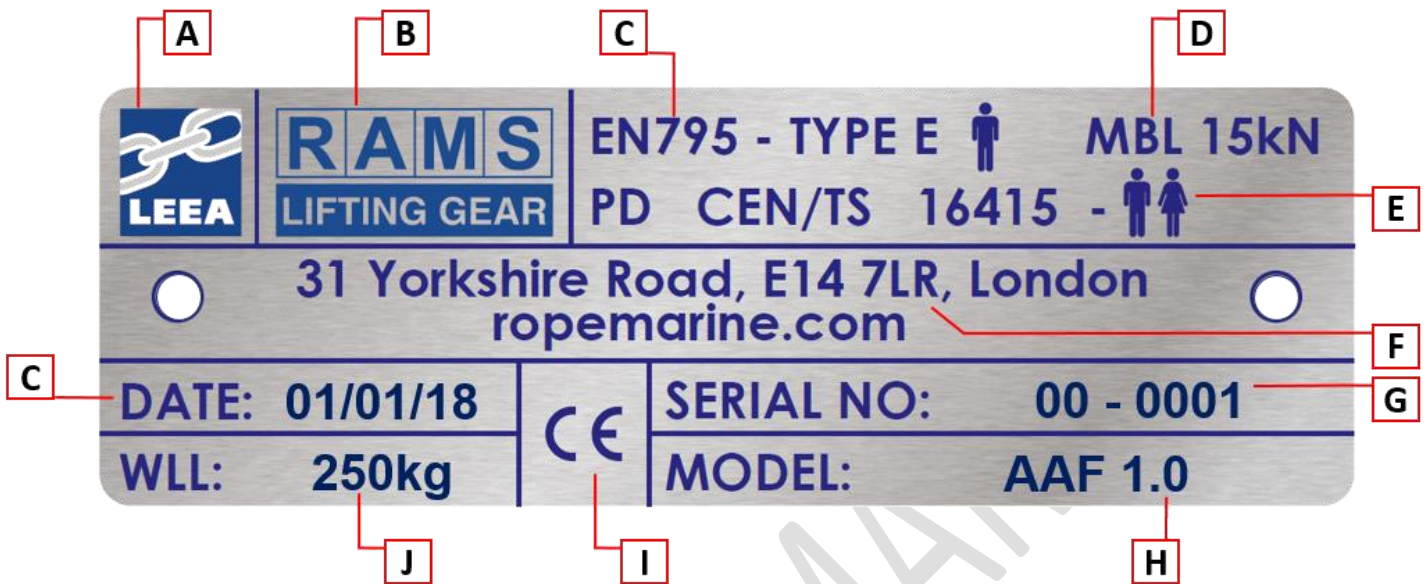
4. Parts List



Parts List:

- A. Anchor Points
- B. Top Hanger
- C. Spring Boom
- D. Coil Damper
- E. Shock Pin x 2 (longer pin + nylon spacers at top, shorter pin at bottom)
- F. Tie Bar x 2
- G. Central Strut
- H. Drop Nose Pin x 10
- I. Front Wheel Bar
- J. Fixed Front Wheel x 2
- K. Rear Boom
- L. CE Certification Plate (see section 5)
- M. 25kg Hand Weights x 12
- N. Rear Wheel/Weight Support Bar
- O. Pivoting & Locking Rear Wheels x 2
- P. * - Some Models of AAF use pinch bolts

5. CE Plate, Standards and Ratings

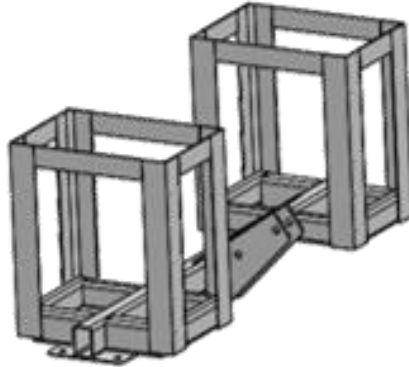


Standards and Ratings:

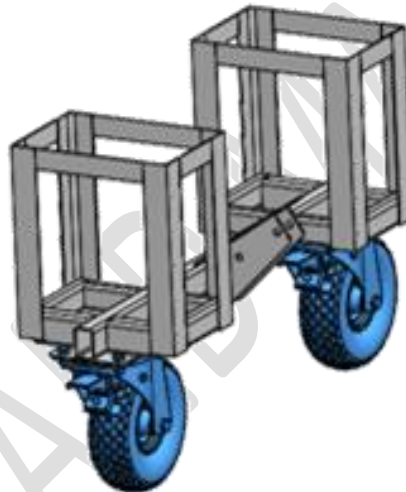
- A. LEEA Logo
- B. RAMS Logo
- C. Rated for single person use via standard EN795: 2012 Type E
- D. Minimum Breaking Load of 15kN
- E. Rated for use of 2 persons in case of emergency via standard PD CEN/TS 16415
- F. RAMS Contact Details
- G. Serial Number
- H. Model Identification
- I. CE Certification Logo
- J. Working Load Limit of 250kg
- K. Date of Manufacture

6. Assembly Instructions

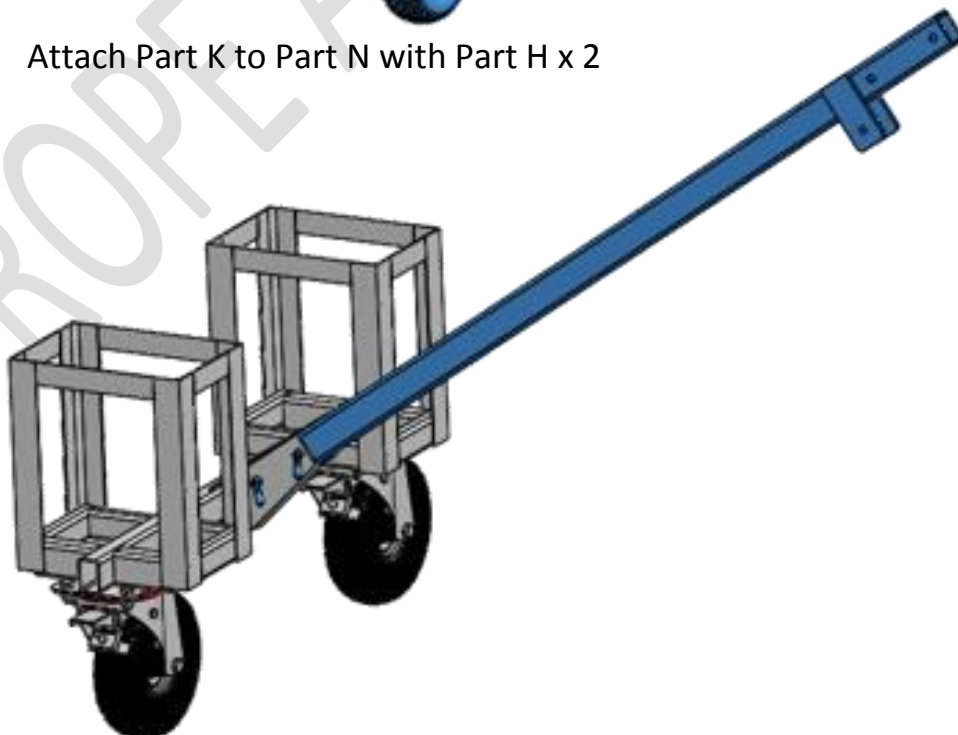
- i. Start assembly with Part N



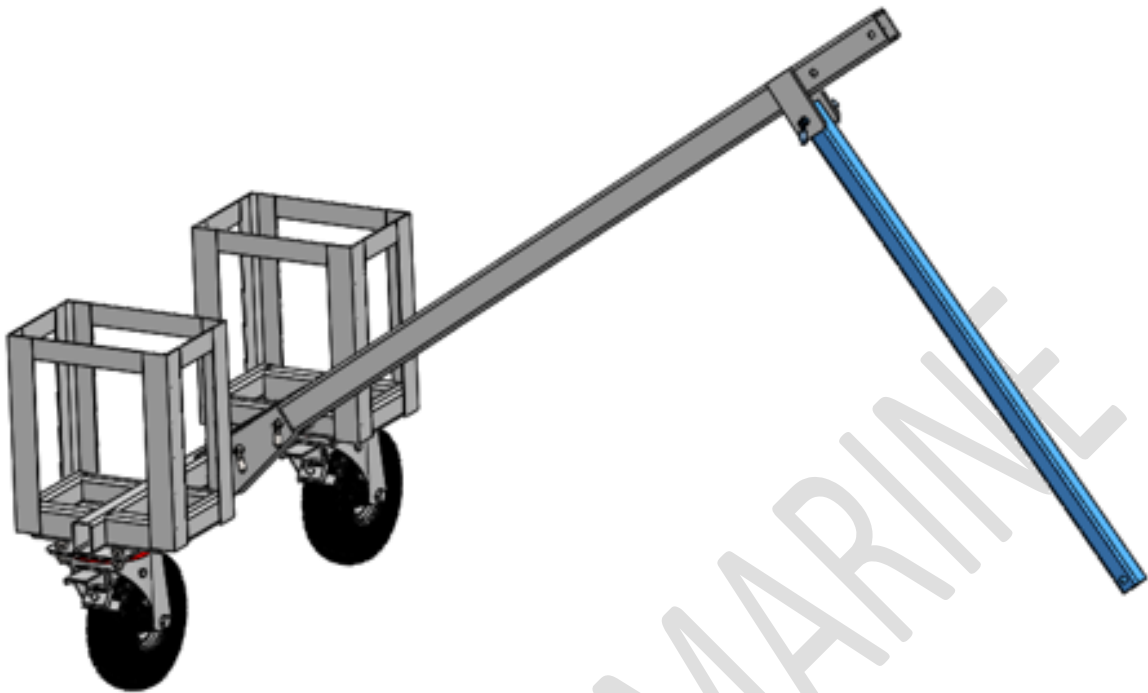
- ii. Attach Part O to Part N with the fasteners provided



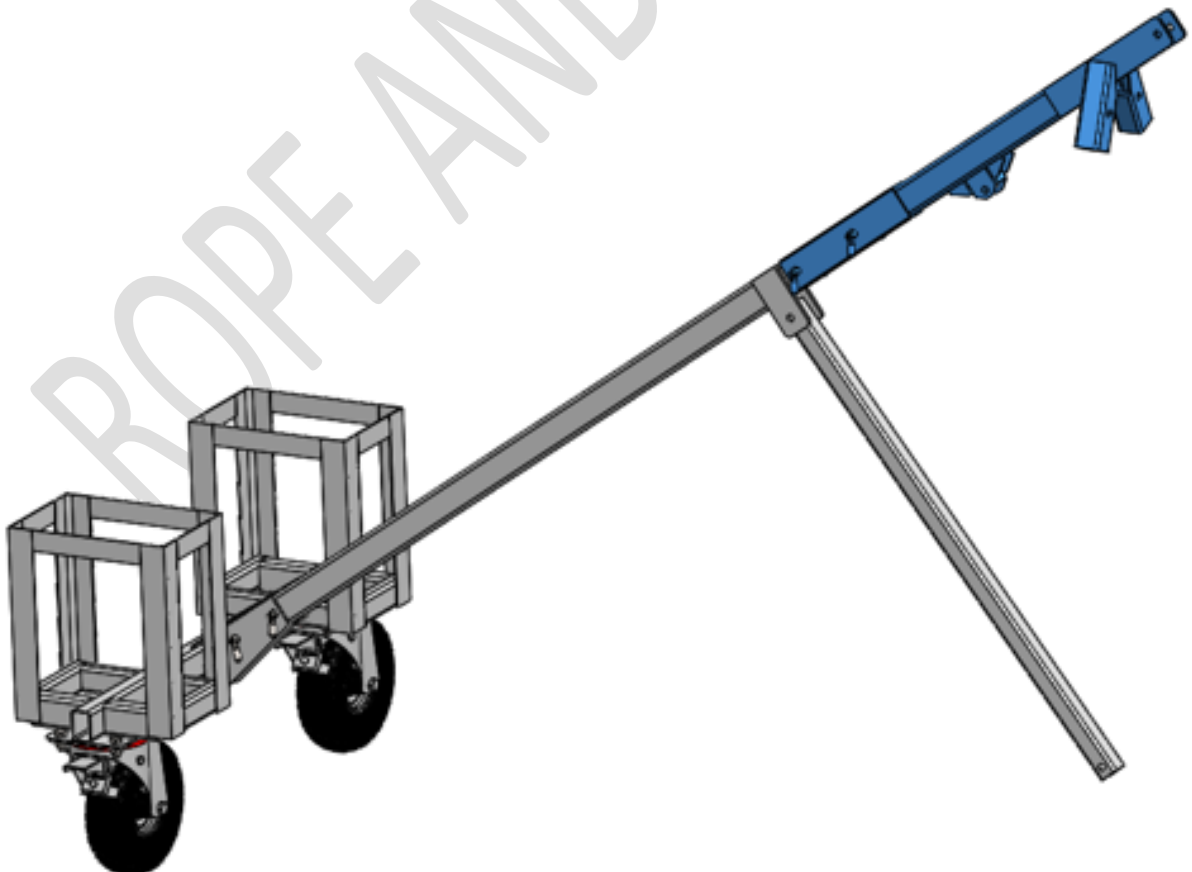
- iii. Attach Part K to Part N with Part H x 2



- iv. Attach Part G to Part K with Part H x 1



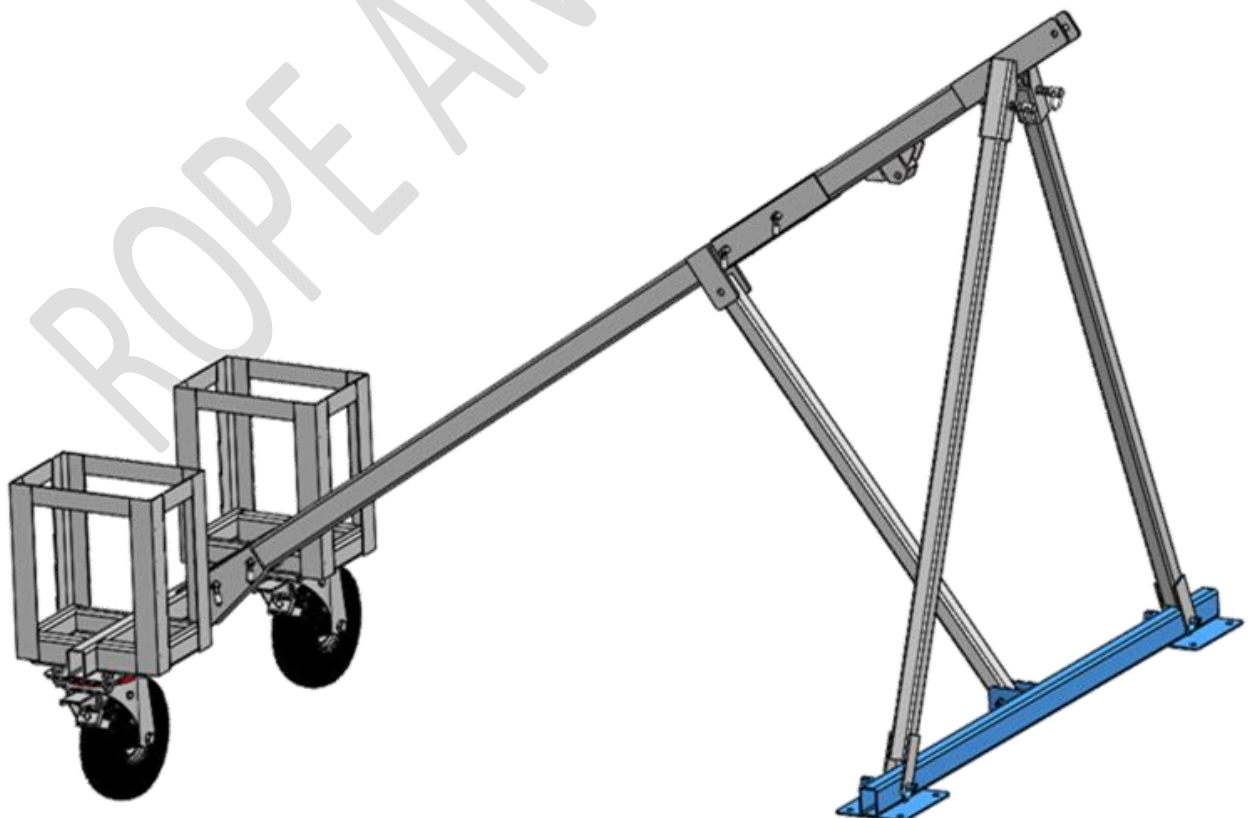
- v. Attach Part C to Part K With Part H x 2



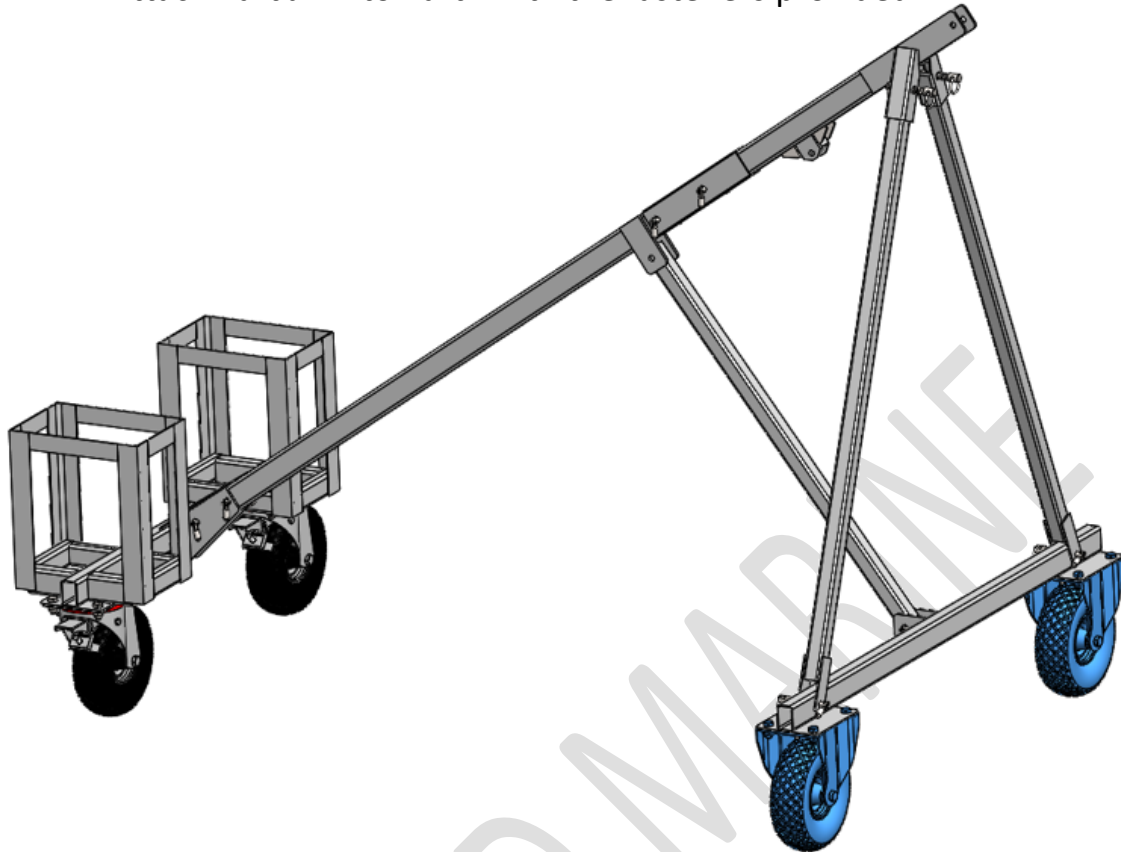
- vi. Attach Part F x 2 to Part C with Part H x 2



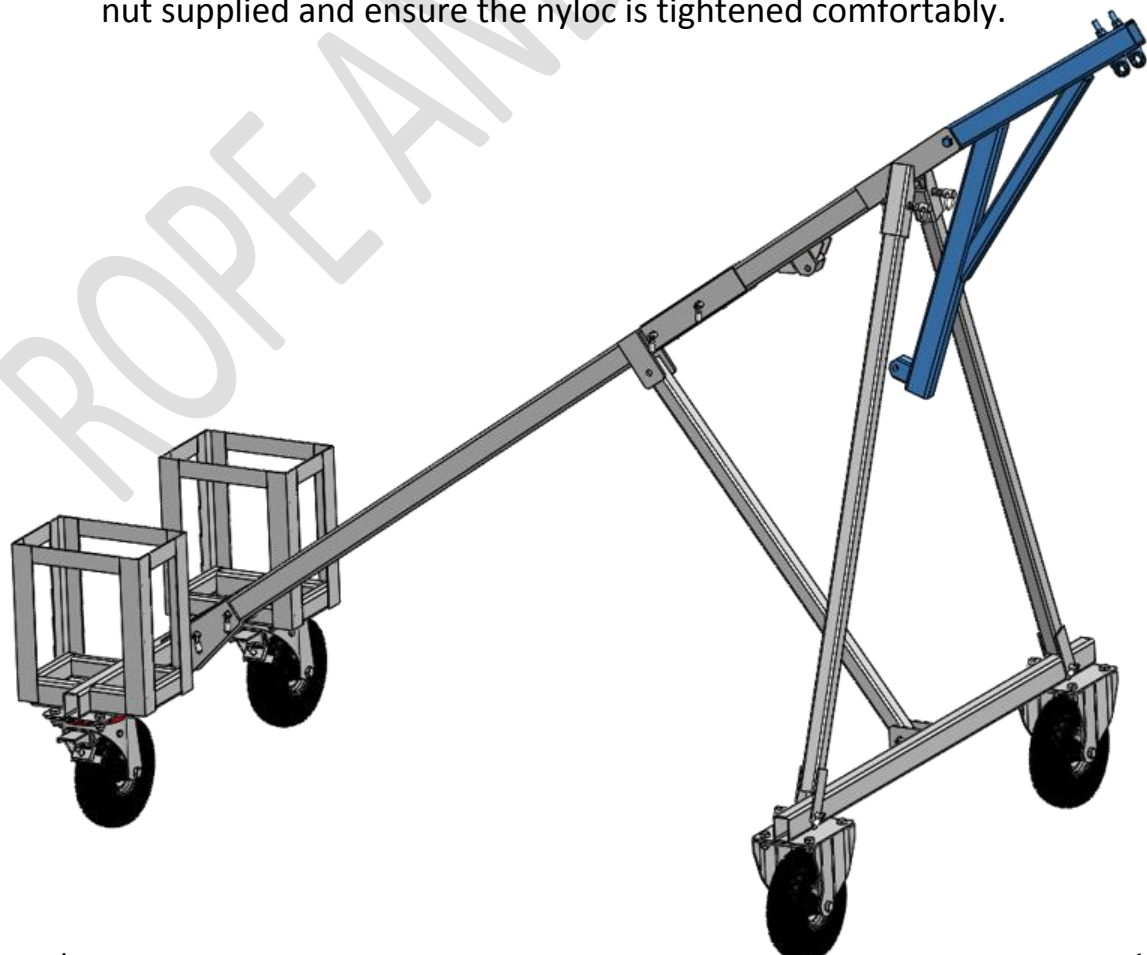
- vii. Attach Part I to Parts F & G with Part H x 3



- viii. Attach Part J x 2 to Part I with the fasteners provided



- ix. If not yet connected, attach Part B to Part C with the bolt and nyloc nut supplied and ensure the nyloc is tightened comfortably.



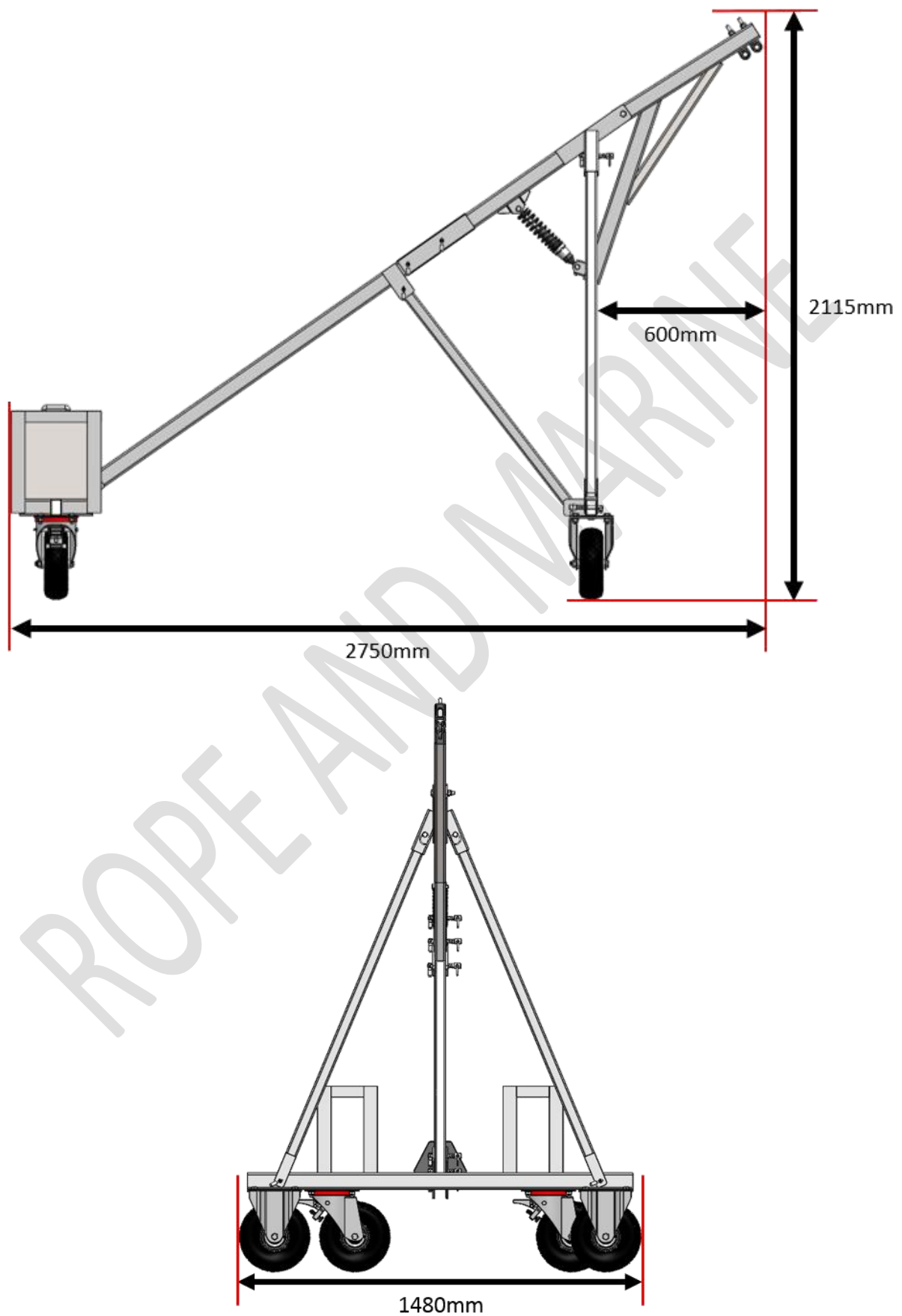
- x. Attach Part D to Parts B & C using Part E x 2



- xi. Install Part M x 12 into Part N



7. Dimensions



8. Force Diagram

