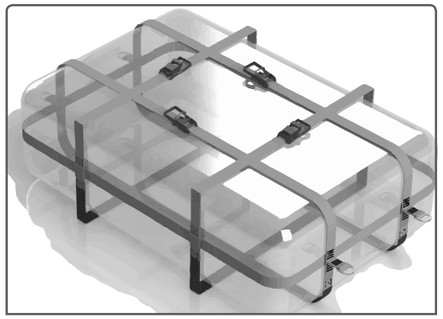


DEAD WEIGHT ANCHOR SYSTEM

USER'S GUIDE

SANS 50 795 class E

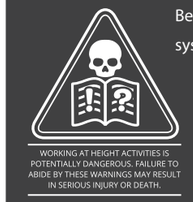
www.heightsafetygear.com

INDEX

1. INTRODUCTION

Congratulations on acquiring the world's simplest and most versatile temporary dead weight anchoring system for fall arrest and rope access applications. The Heightsafety Gear Dead Weight Anchor System was designed out of years of experience working in the vertical environment.

2. WARNING



Before using the dead weight system ensure the following:

- Read and understand the instructions for the use of the Dead Weight system.
- Receive proper training in the use and set up of the dead weight system.

2. WARNING

- That you have a complete understanding of the use and limitations of the dead weight system.
- Understand and accept the risk of using the dead weight system.
- Understand that failure to abide by these warnings may result in serious injury or death.
- The user of this system is responsible for his her own actions.

- Do not drag the system
- Do not forklift the system when Damsak is used

3. APPLICATION FIELD

The Dead Weight system is specifically designed as a movable free standing anchor point for Fall Arrest and rope access purposes.

3. APPLICATION FIELD

The Dead Weight system can be used (but is not limited to) the following possible rope applications:

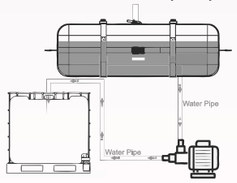
- Free standing anchor point for roof work applications
- Free standing application for overhead roof applications
- Free standing anchor for setting up diagonal cable ways
- Anchor lines for roof work.
- Rope access anchor points
- Temporary anchor point for construction projects

4. Limitations

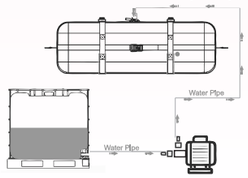
The following limitations needs to be taken into consideration before using the Dead Weight system:

- The dead weight system cannot function on its own. You will require additional ropes and connectors to connect to the dead weight anchor point in order to perform your work.
- One dead weight anchor, is safe for one user only.
- You might require more than one system that needs to be interconnected for more than one user. See set up instructions point.
- If water is used you might require the use of IBC and water pump to drain and move the system

An IBC and water pump will bee needed when moving the Dead Weight System.
Step 1: Connect the water pump to the Damsak outlet and IBC outlet
Step 2: Pump water from Damsak to IBC
Step 3: Move Dead Weight System to new location.
Disconnect the water pump first



Step 4: Return the water to the Damsak buy using the water pump.



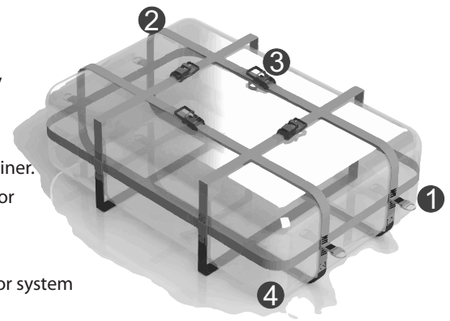
WARNING

- Anchor straps must not cross over the valve but above and to the left as shown in image

5. COMPONENTS OF DEAD WEIGHT ANCHOR POINT

The standard Dead weight System consist out of the following parts and components:

1.1 Water container:
1.1.1 This could be a Dam Sak that needs to carry a minimum of 1600 liters or
1.1.2 An food safe IBC container.
1.2 The Dead weight anchor strap system. See the drawings and layout.
1.3 The dead weight anchor system carry bag / container



5. COMPONENTS...CONTINUED

1. D-Ring Connection Point
2. ADJUSTABLE ANCHOR STRAPS
3. RATCHET TIE DOWNS
4. CENTRE MASS IBC OR DAMSAK.

6. INSPECTION OF DEAD WEIGHT SYSTEM

The Dead Weight system must be inspected for serviceability of all the individual components before every use.

The physical appearance of the product will determine its serviceability.

ENSURE THE FOLLOWING IS INSPECTED:

- Inspect the base of the Dead Weight system
- Check the Dam Sak or IBC on a daily basis or before every use to ensure that the water level is at maximum and that there are no leakage.
- Make sure that the outside holding straps are intact without any signs of wear, tear, cuts, burn marks and signs of abrasions. The straps must be securely fastened underneath the base of the dead weight system.
- Inspect the connection points on the holding straps for any signs of wear, tear, cuts, burn marks and signs of abrasions.
- Inspect the outside holding straps. Check for any signs of wear, tear, cuts, burn marks and signs of abrasions. Check that the buckles can adjust and that the male and female sections lock properly.
- Has the dead weight system been installed correctly?
- How many users' needs to connect to the dead weight system?
- The Dead Weight system needs to be installed on a flat level surface for a better grip.
- All water containers needs to be filled to the brim and tightly locked.
- The connector size that will connect to the main hook up point of the dead weight system.

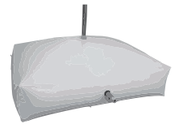
7. COMPATIBILITY

Do not change and or modify any part and component in the dead weight system with an alternative replacement this will affect the safety and guarantee of the product.

8. ASSEMBLY OF DEAD WEIGHT SYSTEM

Before the assembly ad set up of the dead weight system ensure that all parts and components have been properly inspected for serviceability. Make sure that all parts and components are present.

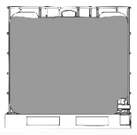
1. Make sure that the base is set up in a level area where the dead weight system needs to be used.
2. Lay out the protection ground sheet in the area where the Dam Sak needs to be set up. Ensure that there are no sharp edges or sharp protruding points that could cut or damage the containers.
3. Lay out the connection straps and fit the empty water container on top of the straps.
4. Full up the water containers to the maximum.



Damsak Nominal capacity : 1000 litres.

8. ASSEMBLY OF DEAD WEIGHT SYSTEM...CONTINUED

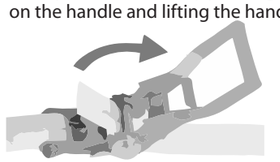
4. Full up the water containers to the maximum.



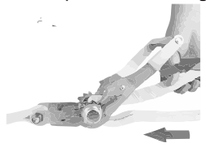
IBC Nominal capacity :
1000 litres (-0 +6%),(total brimful capacity, 1050 litres).

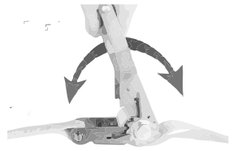
5. Tighten all connections traps as per this users instruction drawings.

5.1. Open the ratchet by pressing the lever on the handle and lifting the handle.



5.2. Pull the slack all the way and then pump the ratchet to tighten the strap around the cargo.





5.3. To lock the strap in place close the ratchet all the way.
To release the strap, open the handle all the way and pull the lower strap out.

6. Once the Dead weight has been set up safely the anchor system can be used for connections.

9.OPERATING PROCEDURE

The Dead Weight system is merely an anchor point to which you can connect a rope access or fall arrest system.

On the back and front of the Dead Weight is two sets of load bearing D-ring type connection points. These set of points that is next to each other needs to be used in conjunction with each other. Do not connect to only one D-ring. Both must be used together.
The dead weight system has been designed to be used in conjunction with each other. This means that more than one system can be connected to each other to increase the safe working load or set up a temporary life line system over a structure.

- Rope access set up on a flat roof.
- Adjustable anchor line set up over a pitched roof.
  - Additional systems required:
    - Adjustable anchor line

1 x General Purpose 50L black Bag
1 x 11 mm Altumax Enduro Access Rope as per length of kit (Black/Orange/ White)
2 x Anthron Lory descender (EN 358, EN 341 Class A, EN 12841 Type C, EN 15151-1 Type 8)
2 x 1..5m Anchor Strap (SANS 50566)
3 x D-Shape Screw-Gate Karabiners (SANS 50562)
3 x Rope Protectors

Temporary vertical life line.

1 x General Purpose 50L black Bag
1 x 11 mm Altumax Enduro Access Rope as per length of kit (Black/Orange/ White)
1 x Back up device
2 x Karabiner with captive eye (SANS 50362)
1 x 0.5m Anchor Strap (SANS 50566)
1 x Rope Stitch

10. PACKING, STORING AND TRANSPORTING OF THE SYSTEM

All parts and components of the dead weight system must be stored in a cool, dry, well-ventilated area away from direct sunlight and harmful chemicals.

The webbing strap system is the most important piece of equipment. If any part of the strap system is damaged, it is not safe to use the system at all.

Take extra care when handling and transporting the base of the dead weight system.

DO NOT:

- Drop the system from a height
- Place heavier equipment onto the base on an uneven surface
- Modify the straps in any manner
- Use the dead weight for any purposes accept for its intended purpose.
- Do not drag the system
- Do not forklift the system when Damsak is used

11. TRACEABILITY AND MARKING

Each label on each Dead Weight system comes with each own unique number:

ZA 00 0000/00/00 BB 0000

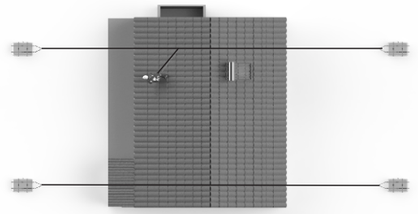
- Country code of manufacture
- Item number
- Year of manufacture
- Production date
- Batch number
- Incrementation

12. STANDARDS

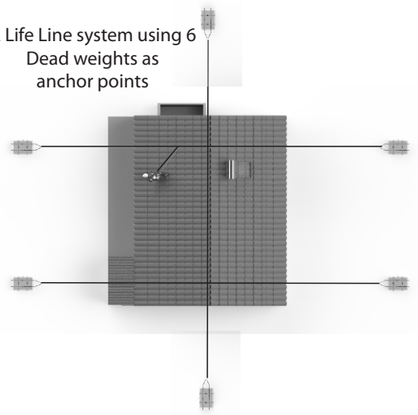
The Each Dead weight System conforms to:
SANS 50795 class E

A Life Line system can be created over a structure by using the dead weight system as a anchor point.

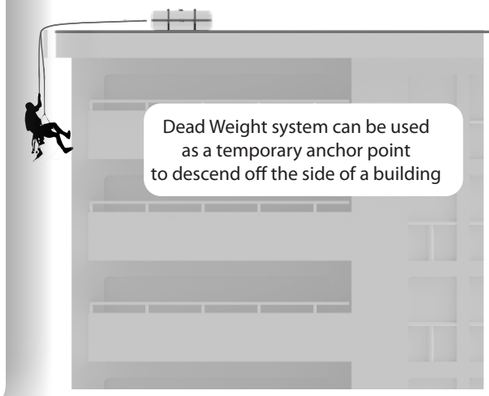
A Life Line system using 4 Dead weights as anchor points



A Life Line system using 6 Dead weights as anchor points



Dead Weight system can be used as a temporary anchor point over a structure



Dead Weight system can be used as a temporary anchor point to descend off the side of a building

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13. GUARANTEE

This Dead Weight system is guaranteed for a period of two years against any defects caused during the manufacturing process. This includes all hardware and software materials of the product.

The following occurrences are not included in this guarantee:

- Normal Wear and Tear caused by day to day use
- Rust and or oxidation
- Alterations and modifications made to the product
- Wrong storage methods
- No or poor maintenance
- Damage due to excessive use or accidents
- Dropping the items from a height
- Overstepping the safe working load of the item
- Using the product beyond the intended design scope.
- UV Damage due to excessive exposure to the sun.
- Damage due to dragging of incorrect transport

14. DISCLAIMER

Heightsafety Gear will not be responsible for the actions and consequences direct, indirect or accidental or any other type of injury that may result from the use of the Dead Weight system.