

PROOFLOAD (Services) B.V.

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PROOFLOAD®

INSTRUCTIONS FOR USE

- All new customers are advised to follow the step by step guide for the use of Proofload Waterbags. If in any doubt contact PROOFLOAD (Services) B.V.
- Never load the bags with more than their rated Safe Working Load capacity.
- Always use a calibrated load monitoring device to measure the load in the bag.

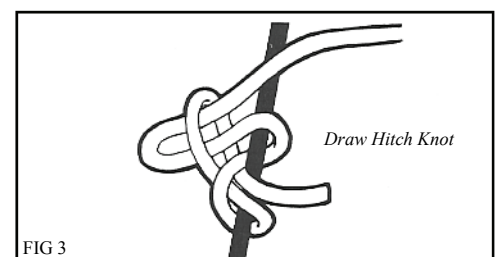
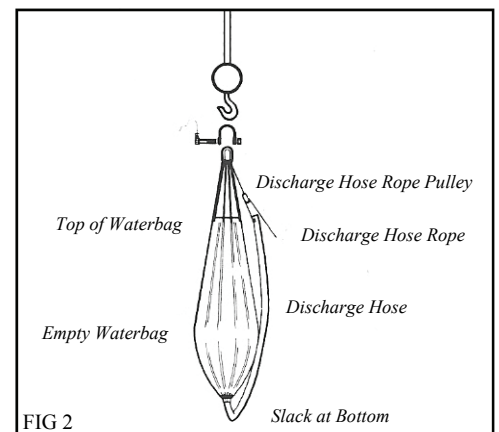
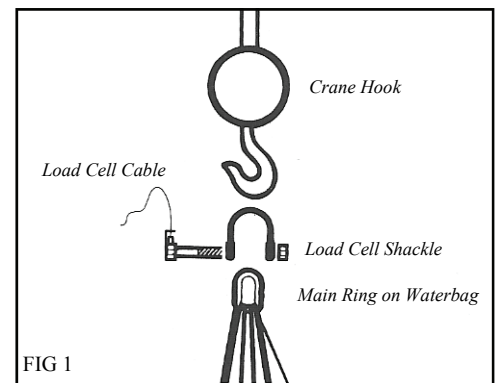
Guide to the use of a Single Proofload Waterbag

A. To Rig and Fill

- Unroll bag and lay it out on ground/deck.
- Fit Load Cell Link/Shackle between Crane Hook and Main Ring on Waterbag.
- Fit Load Cell Cable and zero/tare the readout.
- Lift bag with crane until clear of ground/deck.
- Pull Discharge Hose up by Discharge Hose rope, until top of trunk is level with the top of bag. Ensure enough slack is left at the bottom to allow for swelling of bag as it fills. (see fig 2).
- Tie Discharge Hose rope to the shackle fitted below the manufacturer label using a draw hitch knot. (see fig 3).
- Position crane where required.
- Connect Filling Hose on bag to water supply/source.
- Proceed to fill until required weight is registered on the loadcell readout.
- Disconnect the filling base and carry out test.

B. Emptying the Waterbag

- Position the bag in required dump zone.
- Unroll the excess Discharge Hose rope and ensure it is completely free from any obstacles or knots.
- Pull rope to release draw hitch knot and lower the trunk to release water. it is advisable to wear work gloves for the operation to avoid rope burns.
- When bag is empty, tie trunk back up as in A. 5 & 6.
- Lower bag to ground/deck and de-rig.
- Roll up the bag and place it onto pallet or in cover supplied.
- When emptying always ensure that the trunk can be dropped so that discharging water will not cause any harm to surrounding equipment. The Discharge Hose can easily be extended to enable water to be dumped from a far distance from the bag. This is especially handy for tests being carried out inside factories or around electrical installations etc.



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- b) Never load the bags with more than their rated Safe Working Load capacity.
- c) Always use a calibrated load monitoring device to measure the load in the bag.

Guide to the Use of Two or More Proofload Waterbags

The only difference in using two or more bags is the rigging, And some guidance for the use of multiple bags is as follows.

FIG. 1. Shows the rigging of two bags together. The shackles are rigged pin to pin. To use three bags together just add another bag. It is not beneficial to rig more than three bags in one layer as some capacity is lost due to the bags pressing together.

So remember:

NEVER SUSPEND MORE THAN THREE BAGS FROM A SINGLE POINT

FIG. 2. Shows the rigging of 4, 5 or 6 bags together. Please note that you can have two or three bags on either or both layers. Always ensure you have enough height under hook when using this method of rigging. see insert for rigging ramshorn hook.

Always ensure that the discharge hoses and the filling hoses are on the outside of the bags as if they are caught between the bags they are unable to release. Try and fill the bags as evenly as possible, filling the top layer first then the bottom layer. It is advisable to have a **PROOFLOAD** engineer present on any tests over 50 tons, or where special rigging is required. We would be pleased to advice or inspect any crane/device for which the use of Proofload Waterbags are being considered, or to discuss any requirements you may have.

