

CrossCover Group Limited

Water Weight Bags

The products are mainly used to test the loads of offshore oil drilling platforms and the hoisting equipments such as all kinds of ocean vessel cranes, large-scale cranes and others. Water bag meet the demand of device safety load by loading water, variable load can be infinitely increased or decreased, so hoisting water bag is a unique product of high standard, which is designed and applied to replace existing solid standard blocks. Water bag made of high-strength fabric, simple design , triple sling special design for efficient operation, against body sag fitting and etc ,to ensure project effect and safe.

Marine

Offshore installations, ship building and repair companies, shipping companies and docks & harbours use Water Weights for the followings testing applications:

- crane
- davits
- derricks
- winches
- inaccessible lifting point deemed impossible by any other method
- lifeboats
- ramps and lifts
- pad eyes



Industrial

Power stations, refineries, factories and crane companies amongst others use Water Weights bags for testing in a wide variety of applications including:

- overhead cranes
- beams
- gantries
- elevators



Engineering

Specialised Water Weights products and services are used by structural engineers, construction companies, naval architects & engineers and logistics management companies for:

- floor and bridge tests
- ballast and counterweight
- water and liquid storage
- tanks and liners

- load measurement
- cargo manifesting and data logging



Safe

The bags have a physically proven factor of safety in excess of 6:1 and are proof load tested to over 2:1 prior to being taken into service. When performing load tests, gradual application of the load allows many problems to be identified prior to attaining maximum load.

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Economical

Water Weights bags weigh less than 2% of achievable load allowing for considerable savings in transport, storage and labour costs.

Flexible

A wide range of different sizes of Water Weights bags is available. Bags can be hung combinations to achieve large loads, Specialist 'low headroom' bags are available for testing where headroom is restricted. With bags weighing only some 2% of achievable load, floor loading restrictions are rarely a problem. Bags are ideally suited to inaccessible lifting points. A variety of add-on options is available to meet specialist requirements such as extended drainage trunks, drain valves and manifold control systems.

Simple

Water Weights bags are very light, so aiding handling. Bags are fully rigged and ready to hang and fill. Controlled filling and emptying is simple.

model	volume(m3)	diameter(m)	length	bag weight(kg)
CCGB-1t	1m ³	1.3	2.4	20
CCGB-2t	2m ³	1.6	3.1	30
CCGB-5t	5m ³	2.3	3.6	55
CCGB-10t	10m ³	2.8	4.8	80
CCGB-20t	20m ³	3.6	5.4	160
CCGB-25t	25m ³	3.8	5.8	180
CCGB-30t	30m ³	4	7	200
CCGB-35t	35m ³	4.4	7.5	250

If the capacity more than 35 T, 2 water bags can work together

Assembly diagram

