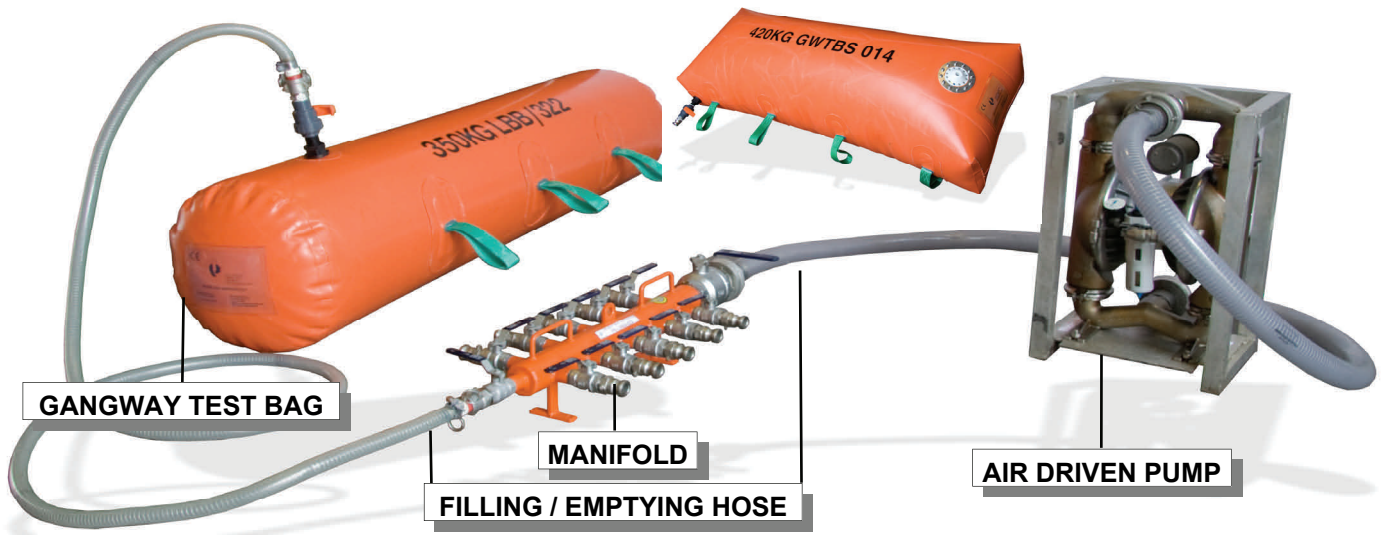




GANGWAY TEST BAGS SYSTEM (OPERATING INSTRUCTIONS)



The standard Gangway Test Bag System has a capacity of 5 Metric Ton and is a safe and easy to use system for load testing Gangways and Accommodation ladders. The safety advantage of the system is that it eliminates the need of entering the Gangway during an overload test.

THE SYSTEM CONTAINS:

1. 4 Gangway Test Bags of 1000 Kg.
2. 2 Gangway Test Bags of 350 Kg.
3. 1 Gangway Test Bag of 200 Kg.
4. 1 Gangway Test Bag of 140 Kg.
5. 1 Manifold with 5 valves and Camlock fitting of 1", and 1 Storz fitting for water supply
6. 1 Filling hose 2" (20 mtr.) with Storz connection to connect to Manifold.
7. 3 Filling / Emptying hoses of 1" with Camlock fittings to connect Manifold with Bags.
8. 1 Air driven pump MAXIMUM AIR PRESSURE 7 BAR (700 kPa / 101 psi)
9. 1 Dump hose of 2" with Storz fitting to connect Air driven Pump and Manifold.
- 10.1 Dump hose of 2" with Storz fitting for Air driven Pump outlet.
- 11.1 Air Hose for Air Driven Pump 20mtr. Length.
- 12.1 aluminium storage container

OPERATING PROCEDURES

- 1.) The empty Test Bags will be placed onto the Gangway with the inlet valves facing upwards. If Gangway is in an inclined position make sure that the Bag is placed in such way that the inlet valve is at the lowest position. Make sure that the bags are positioned in such way, that they can expand to their maximum size when filled.



Please Note (PREVENT BAGS FROM MAKING CONTACT WITH SHARP ITEMS)**

- 2.) When Gangway is in an inclined position make sure to tie down the bags (by using the green straps on the bags) before filling, to prevent them from slipping down the gangway.

Connect the hoses onto the manifold and the bags.

When the bags are placed in correct position, the bags can be filled separately or at the same time. Make sure to closely monitor the bags when being filled.

(the bags are not easy to move when they are filled).

The maximum capacity of each bag is reached when water (no Air) is coming out of the pressure relief valve which is placed at the end of the bag.

When water comes out, close the valve.

The bags are calibrated to there nominated capacity by the manufacturer, with an tolerance of $\pm 1\%$

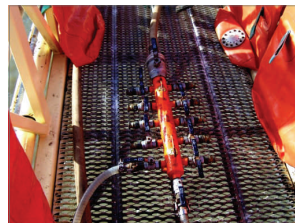
- 3.) After the desired test weight is reached, close the valves on the manifold. The water supply hose can be disconnected from the manifold.

BE SURE THAT THE WATER SUPPLY VALVE IS CLOSED ON THE MANIFOLD

- 4.) After completion of the test, connect on end of the 2" dump hose to the manifold and the other end to the intake of the Air Driven Pump. Also connect the other 2" dump hose onto the outlet of the Air Driven Pump for dumping the water. Connect the air hose to the Air Driven Pump, open the valves on the manifold and bags. After opening the air supply valve on the Air Driven Pump, the Gangway Test Bags will be emptied.



Static test at 3750 kg



Manifold used for filling and emptying

Static test at 13 740 kg

