

HIPPO WATER ROLLER

To easy transport 90 liters of water

Created in South Africa by Grant Gibbs, the [Hippo Water Roller](#) is a container designed to transport 90 liters of water.

In South Africa, like in many other African Countries, communities are often sited far from water resources and water transport, from and to the villages, is very often done by women and children. Simple and effective, this container allows to reduce the efforts and the long times required by the traditional methods of balancing heavy loads of water on the head.



The Hippo Water Roller is composed of a drum with a large screw-on lid and a clip-on steel handle. The drum is manufactured from UV stabilized Polyethylene and has been designed to withstand typical rural conditions such as uneven footpaths, rocks and broken bottles.

The large opening (135 mm) allows for easy filling and cleaning of the interior. The sealed lid ensures hygienic storage. The steel handle provides firm control over difficult terrain while pushing or pulling the roller. The innovative design allows the water to be placed inside the "wheel" rather than carried above the wheel. The 90kg weight of water is borne on the ground resulting in an effective weight of just 10kg on level ground.



The Hippo Water Roller is commonly used also to irrigate vegetable gardens and agricultural fields. The container is projected to have a 5-7 years life span, at a modest cost of 100 USD each and very low maintenance costs.



In South Africa, where the project is implemented since 20 years, more than 300.000 people use this container to carry water. Around 42,000 Hippo Rollers have also been distributed in 20 African countries, including Burkina Faso, Mozambique, Namibia, Somalia, South Africa, Sudan and Zimbabwe and demand exceeds supply.

Manufacturing and distribution of Hippo Water Rollers both locally and internationally is realized with support from Corporate Social Investment, Government, NGO's and other donor organizations.



Manufacturing the Hippo Water Rollers directly in the interest countries is now the strategy of the project and first experiences are ongoing in Tanzania and Haiti.

To know more

<http://www.hipporoller.org/>

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