



# THE „VANQUISHER“ – A TAILORMADE WHEELCHAIR FOR CHILDREN

# „VANQUISHER“ – THE PROJECT

**In Ghana, the situation for children with limited mobility is often dramatic, since there are not enough suitable means which enable them to move easily. The mere way to school is not manageable for them.**

Without suitable means, these children will never get access to public infrastructure or education. Most of the time, the soil is the only place for them to stay.

For many children, a wheelchair is their only chance to participate in public life and to attend school. But, a regular two-wheeled wheelchair is hard to control on the unpaved roads in Ghana – the children would still be limited in their mobility.

**Our three-wheeled Vanquisher is a solution to this problem. Vanquisher means “the one that overcomes obstacles”, and that is exactly its purpose: to overcome obstacles that limit the mobility of the child.**







## LOCAL FABRICATION AND PRODUCTION

### LOCAL PRODUCTION OF VANQUISHERS IN GHANA

Usually, three-wheeled wheelchairs are imported from India or South America. The long and not eco-friendly transport via ship and the costs that come with it are big disadvantages. Another problem is the poor quality, which makes it difficult to use the wheelchairs on the long term.

These problems and the breakdown of supply chains due to the corona pandemic have encouraged us to search for a local solution.

**Jointly with a company from Kumasi, we were able to develop our idea and to produce the Vanquisher on site, in Kumasi. That saves time, money and even CO<sub>2</sub>.**

**Furthermore, all parties involved in the production are registered companies, which pay taxes and social security for their employees, which are all Ghanaians.**



### THE PRODUCTION OF THE VANQUISHER WHEELCHAIRS FOR CHILDREN

The body of the Vanquisher is made of galvanised round tubes and sheet metal parts, which we buy on site, in the main industrial area of Kumasi. The tubes are also bent into their right shape there. The serial production, which ensures the consistency of the “body parts”, is a huge advantage.

And once all the parts are at the garage, production starts. It consists of metal manufacturing, which means that the parts have to be processed individually with technical know-how, and that they have to be welded and edged in order to create a customised three-wheeler.

After checking the mobility and functionality of each wheelchair and after making necessary corrections, it is sent to the paint shop. A body filler is applied there to smooth the surface of the Vanquisher, and to eliminate sharp edges. And after that, the first layer of a galvanised primer can be applied. The final coat is car paint mixed with a special hardener – that gives the tricycle a good look and the quality of a car body.



## EQUIPMENT AND TRANSFER

All Vanquishers are of high quality, and come with the following additional equipment:

- a small toolkit with all important basic parts, so that minor repairs can be carried out without additional help. That is especially important for the beneficiaries that live in remote areas.
- a bicycle pump
- an integrated box, which is installed under the seat or behind the backrest, as storage opportunity for transporting of everyday objects – such as a school bag, for example.

The delivery of the custom-made Vanquisher always takes place at the child's place of residence. All the functions of the tricycle are explained to the child in detail and various consultations are held with the immediate environment, such as family, friends and teachers.

**The Vanquisher – the chance for a self-determined life.**

**There is so much joy when the Vanquisher is delivered. For many children, their first time on the Vanquisher is also their first time to move over a longer distance on their own!**

**That newly found mobility offers the children many opportunities, since that is their only chance to attend school and to live a self-determined life.**





## FINANCING

We have found a fund for children with physical constraints. If we find out about an emergency, e.g a child that needs a Vanquisher or other aids, we are able to help the affected child quickly and unbureaucratically with the resources of the fund.

**From our heart, we ask for your support for this life-changing project! No donation is too small to enable the children to have an independent future.**

### Costs:

- Vanquisher 350 €
- Walking aid 30 €
- Proportional transport costs in order to take a child to a hospital for diagnosis 20 €





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