

Practical Tips and Typical Mistakes

Practical Tips

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Typical Mistakes

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Input

Warnings

The builder is responsible for ensuring the safe implementation of this instruction. The following warnings should be considered and taken seriously:

- **Wear gloves** when working with bamboo to be protected from sharp edges and splinters
- **Wear eye protection** for drilling holes into the steel rod to be protected from metal shavings
- Do **not exceed the maximum load of 100 kg** and make sure through tests that your own construction can take this load

Input



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Bamboobility is **not the producer or manufacturer** of any wheelchair built using this documentation and **does not intend to generate financial profit** from the construction or use of wheelchairs based on this design.

Nature of the Documentation

The assembly instructions and technical information provided in this documentation are **recommendations only**, describing one possible way to build a bamboo wheelchair. They do not constitute professional engineering, medical, or safety advice.

The information and instructions provided are **not a medical device** and do not represent a medical product within the meaning of the **EU Medical Device Regulation (MDR)** or any other comparable national or international regulation.

Responsibility of the Builder and User

Any person using this documentation to build a bamboo wheelchair does so entirely **at their own risk**. The **builder is fully responsible** for ensuring that:

- The wheelchair is structurally sound
- The materials used are suitable and safe
- The construction is appropriate for the intended use
- The wheelchair complies with any local laws or regulations

The builder is also solely responsible for **testing the wheelchair** before use. Any tests conducted by Bamboobility were performed under specific materials, methods, and environmental conditions, which may not apply to alternative materials, construction techniques, or local environments.

Bamboobility shall not be liable for any damages or negative effects arising from the construction, modification, distribution, or use of a wheelchair based on this documentation. This includes, without limitation:

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- Damage to property
- Loss of profits or income
- Indirect, incidental, consequential, or special damages

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Conclusion and How to Contribute

With Bamboobility, we aim to **empower people around the world** to regain and maintain their mobility in everyday life through an affordable, accessible low-tech wheelchair solution. Beyond this specific wheelchair design, Bamboobility is also intended as **inspiration for other low-tech construction projects using bamboo**.

As an open-source project, continuous improvement depends on **community involvement**. We invite you to join the discussion, share your experiences, and contribute ideas for improvement on our GitHub repository or in the comments of our YouTube videos.

We wish you a **great and rewarding experience while building the wheelchair**, and we hope this documentation supports you throughout the process.

Stay Connected

Contact: bamboobility@gmail.com

Website: bamboobility.github.io/Bamboobility

GitHub: github.com/Bamboobility/Bamboobility

YouTube: [@Bamboobility](https://www.youtube.com/@Bamboobility)



Thank you for being part of the Bamboobility community and for contributing to open, inclusive, and sustainable mobility solutions!