



Frankenstein Mechanical Can Crusher - 3D Printable Aluminum



Tema 305

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updated 18. 10. 2026 | published 18. 10. 2026

Summary

Introducing my Frankenstein-inspired mechanical can crusher, designed to crush empty aluminum beverage

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The model combines a functional mechanical design with a fun Frankenstein/Halloween appearance, making it suitable for makers, workshops, garages and Halloween projects.

Features

- Frankenstein-inspired monster design
- Designed for crushing empty aluminum cans
- ⚙️ Fully manual mechanical operation

- **All parts are printed separately and assembled after printing**
- Recommended material: **PETG**
- Different filament colors can be used for the Frankenstein look
- Designed for FDM/FFF 3D printing
- Separate mechanical and connecting components
- **Some parts may require supports**, depending on print orientation and slicer settings

Printing

I recommend **PETG** for this project because several parts are subjected to mechanical loads during operation.

Each component is designed to be printed separately. Before printing, check the orientation of each part in your slicer. Some parts may require supports depending on your printer and settings.

⚠ Important — Testing

I have not personally printed and tested this model yet.

The main reason is the relatively large size of the complete assembly and the limited build area of my current 3D printer, which makes it difficult for me to produce and fully test the complete model myself.

The model is therefore being shared as a **project for testing and further development**. If you decide to print it, I would really appreciate any feedback, photos, assembly results, or suggestions for improvements.

If you make one, **please share your Make — I'd love to see it!** ♂

⚠ **Safety:** Use only with empty aluminum cans. Keep fingers away from the crushing mechanism while operating the device.

Model files

frank.stl



frankstl.stl



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