

3D MODEL ONLY



Flexi Dragon - Print in Place Articulated Dragon with Wings, No Supports (OpenSCAD)



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[VIEW IN BROWSER](#)

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Summary

An articulated print-in-place dragon with bat wings, horns, spikes and a spade tail. Wiggles off the plate.

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A dragon that prints in one go and wiggles straight off the plate: horned head, a crest of spikes down the back, big bat wings, four feet and a spade-tipped tail. No supports, no assembly, no glue.

DETAILS

- About 210 mm long with a 150 mm wingspan.
- Each joint is a double-cone pin captured in a matching socket, with 0.65 mm clearance. Print at 0.2 mm layers with a well-squished first layer, then bend each joint a few times to free it.

- The wings and feet lie flat on the bed and the horns and spikes stand up with straight back edges, so nothing overhangs past 45 degrees.
- Bambu Studio: 1 h 16, 27 g. Looks great in silk or dual-colour filament.

CUSTOMIZE (OpenSCAD)

Number of body segments, the curve of the printed pose, wingspan and joint clearance.

Designed with AI assistance (OpenSCAD). Rendered images; not printed yet.

Model files

flexi-dragon.stl



flexi-dragon.scad



flexi-dragon_h2c.3mf



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