

FrameForge PRO

Aluminium enclosure designer

Type your dimensions — get factory-ready files. No CAD skills, no drawings.

How it works

1	Dimensions Enter in millimetres how much room you need inside, choose M3, M4 or M5 screws; add connectors, cut-outs and ventilation.
2	Check The “What you get” card with a traffic light explains in plain words what fits and what to adjust.
3	Download Factory files: STEP, Fusion 360 scripts, laser DXF, a thread specification and a drilling map.

Why it is easy

- **Made for everyone.** Simple mode: three steps, “?” hints, works on a phone too. “Expert” mode keeps every setting for professionals.
- **No glue, no welding.** Panels are held by screws through corner nut cubes — the hole layout is calculated for you.
- **Verified by calculation.** Panel holes match the cube channels in every checked variant (tens of thousands of boxes, 1.5–8 mm walls).
- **Understands machine rules.** Inside corners are rounded to the factory rule, threads are stated explicitly (factory cuts them or you do), the archive contains a drilling map. Screw holes follow ISO 273 (M3 Ø3.4 · M4 Ø4.5 · M5 Ø5.5), counterbores follow DIN 974-1; choose a base plate with mounting ears and an overlapping lid.
- **Four languages:** Czech, English, German, Russian.

What you get

STEP	one file per part plus cubes; previews and a manifest
Fusion 360	Python scripts: all panels, cubes, single panel
DXF	laser/milling contour, fill, marking with independent file validation
THREAD_SPEC.txt	what is threaded, what is plain (4 languages)
DRILL_PLAN.md	where and how deep to drill, margin to neighbouring parts