



Structural Panels for Voron Trident



Mitsubishi

VIEW IN BROWSER

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Summary

Structural Metal Panels for Voron Trident. To be laser cut out of aluminum or stainless steel (if you're brave)

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Structural Metal Panels for Voron Trident. To be laser cut out of aluminum or stainless steel (if you're brave).

I made these for my 250mm and 300mm Tridents. I got them cut out of 1/8" stainless steel from a local shop, but aluminum is probably a better choice since it will have the same CTE as the frame itself (unless your frame is made of steel, that is).

Included are the files for both the 250 and 300mm trident, as well as a PTFE tube passthrough I designed to cover the rear panel (when I designed these I was planning on running CPAP cooling, hence the gap in the panel).

You can see the panels in action in this video here

<https://www.youtube.com/watch?v=Q0JCpVwbKdo>

Model files



trident_250_structural_panels_clickyclack_door.step

📄 For 250mm trident (with extra holes for the Clicky Clack Door)



ptfe_passthrough.step

📄 CAD File



ptfe_passthrough.stl

📄 STL for printing



trident_300_structural_panels.step

📄 For 300mm trident (no extra holes for Clicky Clack Door)

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