



MKS DLC32 box for 2.4 LCD on 20x20 V-Slot



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Summary

Box for clean installation of MKS DLC32 and 2.4 LCD on 20x20 V-slot rail. Suitable and Twotrees Totem or any other 20x20

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My Twotrees Totem laser was provided with a 8 bits board.

I wanted to have autonomous laser engraver thus I switched for MKS DLC32 with low cost 2.4 LCD screen.

This design will work on any 20x20 V-slot rail.

I have used PLA as there is no real mechanical constraint.

Logo can be printed without MMU using the virtual extruder trick.

Using M3 screws.

Alternative case with hidden screw and threaded inserts. I can prepare a version without threaded inserts upon request.

Alternative box cover with threaded inserts and fan but not compatible with screen. refer to <https://www.printables.com/model/275433-mks-dcl32-case-and-35-screen>

Model files



pcb-support.stl



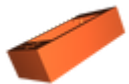
lcd-back.stl



laser-logo.stl



support-left.stl



lcd-cover.stl



support-right.stl



back-pcb.stl



alternative-pcb-support.stl

☐ require threaded insert



alternative-back-pcb.stl

☐ require threaded insert

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