



Mini Sanding and Sharpening machine

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Summary

A useful sanding machine for hobbyists.

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Tags: [tool](#) [sharpening](#) [sander](#) [tools](#)

Many parts of the mini sander are designed for PLA filament. A few parts are designed for heat-resistant filaments (Petg, ABS, ASA). Assembly steps and details are shown in the video.

Apart from the standard settings, those required for the parts to be printed are stated in the part names.

The names and links of the materials required for the sanding machine are in the detail section below the video.

Model files

[sm-part-10-right-panel_pla-infill-30_wall-3.stl](#)





sm-part-7-long-spacer-abs-infill-100_with-brim.stl



sm-part-13-foot_tpu.stl



sm-part-8-back-pulley1_pla-infill-100.stl



sm-part-17-protective-surface3_abs-infill-100.stl



sm-part-3-top-pulley_abs-infill-100.stl



sm-part-9-short-spacer_pla-infill-100.stl



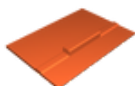
sm-part-4-tensioner1_pla-infill-100.stl



sm-part-19-table_pla-infill-100.stl



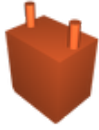
sm-part-20-xt60-holder_pla.stl



sm-part-21-protective-surface1-abs-infill-100.stl



sm-part-2-motor-pulley_pla-infill-100.stl



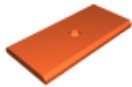
sm-part-22-switch-box_pla.stl



sm-part-9-back-pulley2_pla-infill-100.stl



sm-part-25-motor-temp-insulation-part_abs-infill-100 .stl



sm-part-23-protective-surface2_abs-infill-100.stl



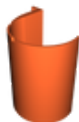
sm-part-5-tensioner2_pla-infill-100.stl



sm-part-1-left-panel_pla-infill-30_wall-3.stl



sm-part-12-board_pla-infill-30_wall-3.stl



sm-part-23-motor-koruma_pla.stl

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