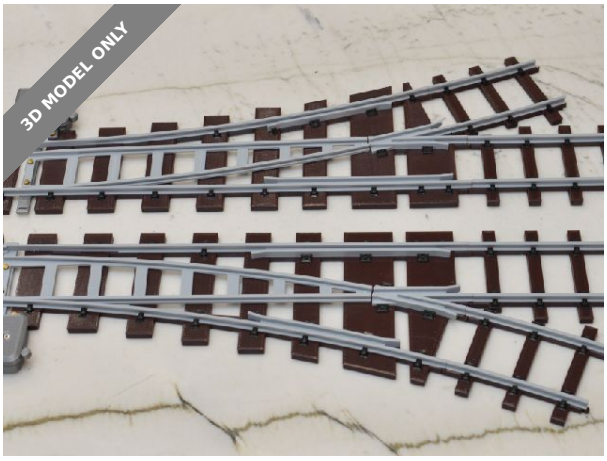

Gauge 1 Model Railroad Radius 1200mm Switches

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VIEW IN BROWSER

updated 5. 6. 2024 | published 5. 6. 2024

Summary

Here are mechanically-switched wide-radius model railroad track switches for the Hume snap-together track system.

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Here are left and righthand track switches with spring-loaded manually switched positions. These are for use with the Hume track system. See https://www.printables.com/model/902291-snap-together-gauge-1-model-railroad-track for the parent project. These are 1200mm radius switches with 18 degrees of curvature for 8 ft diameter track circles. The straight portions are 390mm long.

The design of the switches is directly based on the R600 switches described in this project: https://www.printables.com/model/902472-gauge-1-model-railroad-radius-600mm-switches

Refer to the R600 project for the model files for the switch box mechanism and rails attachment, plus the assembly instructions. This project only has the parts that are specific to these larger radius switches.

Print the switch bodies with support under the bare rail portions. The project file has the parts oriented and configured for support and colors.

Use the object printable property for the items in the project file to decide which models are included in your G-code file output.

As seen in the photos, the track pieces that connect to the bifurcated switch end have portions of the two nearest ties removed to avoid interference. Any track model file can be printed with portions of the ties removed by adding a negative volume in the slicer, and positioning the negative volume to erase the undesired tie portions. The parent project, linked above, includes left and righthand 4.5 degree curved track sections with ties truncated for use with these switches.

Model files



trackswitchesr1200project.3mf

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