PRESS RELEASE

TRAX3D: plan your model railroad in 3D, free, with the track you really use

The free browser-based layout planner knows the track of Atlas, Peco, Kato, Bachmann, Walthers, Lionel and some forty other makers, builds a 3D world around it and lays the overhead line, the signals and the bridges for you.

Amsterdam, 19 November 2026 — TRAX3D, the free program for planning a model railroad, runs in any modern browser on Windows, Mac and Linux. There is nothing to install, nothing to pay and no advertising. You lay your layout piece by piece with real products from your own track system and see it straight away in 3D: on its benchwork, with scenery, buildings, bridges, signals and catenary. Because every piece is a real catalogue item, what you plan in TRAX3D can be built on the bench.

The track you really use

TRAX3D holds 146 track libraries with more than 3,600 pieces from 46 makers, from Z scale to G. For the English-speaking modeller that means, among others:

- **Atlas** in HO (code 100 and 83), N (code 80 and 55) and O, **Walthers**, **Shinohara** and **Life-Like**, **Micro Engineering**, **Kato** Unitrack in HO and N, **Bachmann** E-Z Track in HO and N, and Bachmann Branchline in OO;
- **Peco** Streamline in OO (code 100 and 75), HO (code 83), N (code 80 and 55) and O, with Electrofrog, Insulfrog and Unifrog turnouts, and the narrow gauges OO9, On30 and SM32;
- **Hornby** OO and TT:120, and the classics: Hornby Dublo and Tri-ang;
- three-rail O and O27: **Lionel** (including FasTrack and Super O), **MTH** RealTrax, **Atlas O**, **GarGraves** and **Ross**;
- **American Flyer** S, and in G scale **LGB**, **USA Trains**, **Aristo-Craft** and **Bachmann**;
- and from the rest of the world Märklin, Roco, Fleischmann, Trix, PIKO, Tillig, Rokuhan and Tomix.

Turnouts, crossings, slips, double crossovers and turntables join just as they do in reality, flex track bends where you pull it, and TRAX3D says so when two pieces of different gauge do not fit.

Built for the layouts you build

Two decks and a helix. Tables can be stacked, so a layout can have a second deck over the first, joined by a helix. A helix does not have to be laid curve by curve: a built-in plugin lays it with the curves, the number of turns and the clearance between the decks you ask for. Each deck gets its own scenery, and a light can be fitted under the upper deck to light the one below.

A real landscape. The table carries real relief: hills, valleys, cuttings and tunnels. TRAX3D can make a landscape around your track by itself, which you then sculpt and paint, before you spray grass, bushes and trees and draw roads, walls, fences, platforms, lakes, rivers and canals.

Bridges that build themselves. Mark track as a bridge and TRAX3D builds it: a plate girder, a truss, a concrete beam, a stone arch or a timber trestle, with piers and abutments, and the ground beneath it shaped to fit.

Over 290 buildings. Stations, signal boxes, freight sheds, water towers, factories, houses and Western-style buildings, filtered by country and era. With WAZO, the built-in 3D drawing module, you draw your own one-of-a-kind buildings right on the layout.

British railways. British signals, colour light and semaphore, station name boards, British eras on Hornby's own era system, and overhead line in the BR Mk3 and Network Rail Series 1 styles. For OO, TRAX3D can lay the overhead line with the parts of the PECO and Dapol ranges and list what to buy.

Overhead line and signals, laid for you. Tell TRAX3D which track is electrified and it places the masts, portals and wires. On the Run tab it divides the layout into blocks, proposes the signals and finds a route from A to B.

A drawing that checks itself. The CAD view shows the layout as a construction drawing, with dimensions. On request TRAX3D checks the grades, the curve radii, the clearances, the track centres, the table edge and whether you can reach every part of the layout.

Bring your plan with you

Already planned a layout in another program? TRAX3D opens plans from **AnyRail**, **XTrackCAD**, **WinTrack**, **WinRail** and **3D Modellbahn Studio**, so you carry on with it in 3D. The import is still experimental: a plan that does not come in right can be sent through the support form, so the import gets better. A layout planned in TRAX3D can in turn be opened in iRunTrains with one click.

Ready to build

A parts list with every catalogue number per track system, and the layout plan as a PDF, come free. Anyone who builds can order a **build plan**: a complete book for that one layout, with the benchwork and the cutting plan, the risers and their heights, the wiring, the blocks and the signals, the steps in the right order and a checklist, together with workshop drawings on the paper size of your choice, including Letter and Tabloid. It costs 19.90 euros, once, and can be made again as often as the layout changes.

Share and take part

A layout can be shared in the showcase, where others explore it in 3D in their browser. On the forum modellers trade ideas and help each other. Members vote on new features, and the most wanted come first.

Coming soon: TRAX Control

Around TRAX3D a family of products is growing. TRAX Control, a program for running a digital layout, is coming: drive from the screen or your phone, or let trains run their timetable on their own. TRAX Control reads the layout as it was planned in TRAX3D, so nothing has to be drawn twice, and a layout can have its first run before a single rail is laid.

In eleven languages

TRAX3D is available in English, Dutch, German, French, Italian, Spanish, Portuguese, Polish, Czech, Hungarian and Japanese.

Quote

> *"With TRAX we want to help modellers enjoy every stage of their hobby to the full: when they dream, when they plan, when they build and when they run their trains."*
>
> *— Fedor van Eldijk, creator of TRAX3D*

About TRAX3D

TRAX3D (trax3d.com) is a free online program for planning model railroads, developed in the Netherlands by Ngongo-B, the company of Fedor van Eldijk.

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Press kit (pictures, logo): https://trax3d.com/press/