

# Ottawa Valley N-Trak T-Trak Subdivision

## **T-Trak is an international standard for small easy to transport N Scale modules.**

There are a variety of length and widths that can be used. The tracks can be "Standard" or "Alternate" spacing. We have chosen use the "Alternate" spacing as this makes the corners much easier to build.

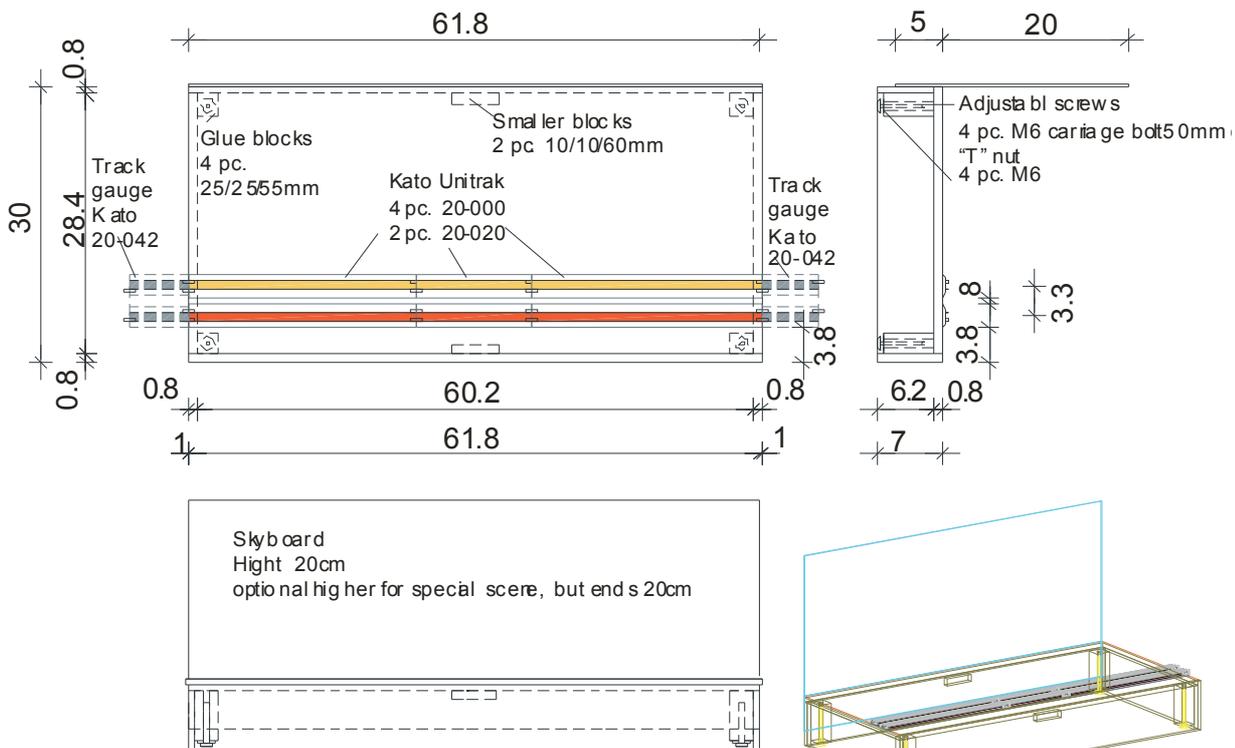
The base may be made of Dense Foam or wood of any thickness; only the overall size of 61.8 x 30 x 7cm is important. The height has to be exactly 7 cm; only then can the different modules be connected easily. The modules are set-up on tables. Adjustable carriage bolts are used to correct for any unevenness of the tables.

**Double length module** Below is one way to build a double length module.

The track is 2mm longer than the box, so it is overlapping 1mm on each side. This is important – by doing so inaccuracies can be compensated and modules can be easily separated by using a paint scraper or a steel ruler without unnecessary damage of the building and the modular boxes. The distance from the edge of the track bed to the front edge of module is 38mm, the distance between the track beds is 8mm. A short piece of "double track" KATO #20-042 may be used at the ends to aid in aligning the tracks if you wish.

Any variety of turnouts and crossovers is acceptable so long as trains will run smoothly.

A simple strait through track uses 4 pieces of #20-000 and 2 pieces of #20-020 KATO Unitrtrak.



*Roll*

Drawings by Bernard Roll of GermanTrak N-Trak

## **Single strait module**

A single length module is constructed in the same manner but is 30.8cm wide, 30cm deep, and 7 cm high. It uses Kato Unitrtrak (2) 20-000 strait and (2) 20-400 strait.

## **The Sky board**

A Sky board is optional. If a sky board is used the outside of the background should be 20cm high, but in between it can be made even higher, due to the backdrop used.

More information and sample photos about the T-TRAK system can be found at: [www.T-TRAK.org](http://www.T-TRAK.org)  
Our club website is [www.ottawantrak.com](http://www.ottawantrak.com)

## **Corner Modules**

An outside corner module is constructed in the same manner but measures 36.5 cm wide, 36.5 cm deep, and 7 cm high. It uses Kato Unitrack (2) 20-110 R282 curved and (2) 20-120 R315 curves tracks.

An inside corner must be larger than an outside corner to accommodate the geometry of a layout. One method of doing this is to use a square module measuring 55.1 cm by 55.1 by 7 cm.

## **Electrical equipment**

The power is conducted through the tracks therefore not every module requires a power feed. Only larger layouts will require more than one power feed. Two Kato Unitrack (#20-041) feeder tracks may be used to route power to the tracks. The club connects the track feed wires to female Cinch Jones connectors mounted on the back of the modules.

DC or DCC power may be used.

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