

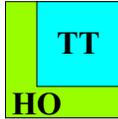
TT Scale is a Model Railroading scale of 1:120

In other words, one inch of a model is the equivalent of 120 inches in the full sized item, the "prototype". As there are twelve inches in one foot, one inch of the model equals ten feet of the prototype.

TT Scale is 73% the size of HO Scale.

If you took an HO-Scale layout and shrunk it down to TT-Scale it would only take 54% of the space.

If you built a TT-Scale layout in the same space as an HO-Scale layout you could put a lot more TT-Scale in the same space or if you built the same layout in the same space (same track plan with no changes) you would gain more scenic space.



Some Common Dimensions in TT Scale:

One Foot: 0.1" (2.54mm)

Track gauge: 0.472 in. (12mm)

Standard Gauge of 4 ft 8 ½ in. (1435mm)

Average Persons Height -

Man: 0.575 in. (14.60mm)

(Average Height of 5'9")

Woman: 0.533in. (13.54mm)

(Average Height of 5'4")

Length of a GP-7 Locomotive: 5.617in.

(142.67mm) (Length 56ft, 2in.)

Length of a 40' Box Car: 4 inches.

(101.25mm)

Parallel Track Spacing: 16 Feet - 1.6

inches. (40.7mm). European model track

tends to be spaced at 43mm (17 feet).



A short list of TT Scale Manufacturers and Suppliers:

Saz Model

Imports the MTB SW9/SW1200 locomotive models as well as TT-Scale models from InterAction Enterprises TT, and KBM.

www.sazmodel.com

Lok-n-Roll

A German company that makes power chassis for Lionel Big-Rugged Trains locomotive models and their own freight cars. They have purchased the Gold Coast Railway line of equipment. The site is in German but Goggle will translate for you.

www.lok-n-roll.de

Tillig

Makes an extensive selection of European equipment and track.

<http://www.tillig.com/index-engl.htm>

Euro Train Hobby

Sells TT Scale Track, rolling stock, spare parts, and building kits.

www.eurotrainhobby.com

Modelbahnwelt24

A good European source of TT Scale models.

www.modellbahnwelt24.de/Startpage

Art & Detail

North American cars, cabooses, signals detail bits and European rolling stock as well.

<http://www.artanddetail.de/index.de>

RaiTT

North American and European vehicles, North American freight cars: stock car, 40' flat car, steel caboose, box cars and reefers.

<http://www.railtt.ucoz.ua>

For as more extensive selection of manufacturers see the "Links" section of the ttnut.com website.

What is TT SCALE 1:120



A pair of the new (2013) MTB SW1200s with a short train.



Lionel GP9 with Gold Coast Box cars.

Table Top Trains TT Scale on the Web:



www.ttnut.com

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A Short History of TT-Scale:

TT Scale was created in the early 1940's by Hal Joyce, an automobile designer. World War Two postponed many civilian projects; the introduction of TT-Scale was one of them. Hal Joyce formed HP Products in 1945, and began advertising and selling in 1946.

In a short period, other companies including Kemtron, Atlas, Jewel, Craftsman-Kits, and Gandy Dancer started manufacturing and selling TT-Scale products. TT was quite popular in the 50's.

TT-Scale took off in Europe, Germany, Britain, and Russia. New models are available from a number of manufacturers in Europe and Russia.

TT-Scale was eclipsed by N Scale (also known as OOO Scale) in the 1960's. Soon after many of the companies that sold TT products either went out of business or shifted to other scales.

TT-Scale is undergoing a slow resurgence. The availability of equipment that allows individuals to easily make affordable resin kits. The new Rapid Prototyping process (3D Printing) has allowed production of cars, scenic details and locomotive shells at a reasonable price.

TT-Scale has been called "the scratch builders scale". This term was first used because TT scaled out to 1/10th inch to the foot, or one inch equaled 10 feet. Today it is called "the scratch builders scale" because you have to scratch build almost everything for it, although TT trains are widely available in Europe.

Modules

There are several modular standards:

Large Modules: <http://www.ttnut.com/tt-nut-module-standards-t202.html>

Mini Modules: TT-Tracks: www.tinyurl.com/TT-Tracks.

And a Polish standard: "sTTandard" <http://www.sttandard.org.pl/> (Google will Translate)

Comparisons between HO, TT and N

	Scale	Gauge	Scale Foot
HO	1:87	0.650 in.	0.138 in.
		16.5mm	3.5mm
TT	1:120	0.472 in.	0.100 in.
		12.0mm	2.54mm
N	1:160	0.354 in.	0.075 in.
		9.0mm	1.9mm

TT-Scale is roughly mid-way between HO and N Scales, and as such allows more track in the same amount of space as HO Scale. The larger models are easier to work with and detail than N Scale.

Comparison Between N, TT and HO
Top: N-Scale F-7
Middle: TT-Scale F3
Bottom: HO-Scale F-7



Below (Top to Bottom): HO, TT, N



TT Scale FAQ

(Frequently Asked Questions)

What does the "TT" in TT scale stand for?
TT stands for Table Top, which refers to the ability to build a complete layout on a Table Top, something you could not do with the other scales available at the at time..

What are the power requirements for TT-Scale?

TT-Scale motors are all 12 Volt DC (Direct Current). DC Power packs for HO and N scale will work for TT-Scale, as the voltage requirements for all three scales are the same. DCC also works well with TT-Scale. There are many small DCC decoders that work well in TT-Scale.

Where can I buy TT-Scale equipment?

There are many places to buy TT-Scale items, including eBay. A short list of places to buy TT-Scale items is on the back of this pamphlet. A list of manufacturers and stores can be found under the "links" section of www.TTnut.com.

What about track?

Tillig makes both a standard and a unitrack style of track. Other manufacturers make track components. Older track comes available from time to time. HOm track can be used in a pinch. Hand laying is an option.

What equipment is available?

A large variety of European equipment is available from many manufacturers. North American equipment is harder to find but is becoming more accessible.

Are there any TT-Scale Groups that I can join?

Yes, there are a few online groups out there, all one needs is computer access and an interest in TT Scale!

www.TTnut.com - FREE website filled with info on TT Scale, past, present, and future, with discussion forums, media, and links to TT builders and sellers.

www.TTscale.com - FREE website filled with photos, data, and links to TT scale retailers.

TT Scale Society: FREE TRIAL MEMBERSHIP http://groups.yahoo.com/group/TT_Scale_Society/

- For serious modelers of North American Railroads in TT Scale. Great for the scratch-builder in TT Scale.