

Modeling with the Masters Tool List

Coast Rails 2014 PCR Convention San Luis Obispo

Clinic: Scratchbuilding in Styrene

Lead Instructor – Clark Kooning, MMR, assisted by Tim Warris

This is a suggested list of tools that may be required to participate fully in the hands-on portion of our program. In order to allow you to fully take part in the building of models, you are strongly suggested to have all tools listed. You however, may not use them in the program, but will have them for future building. Most of the tools listed can be found at your local hobby shop, hardware store or craft store. Bring any tools you usually like to use, but you may not use all tools listed. If you have any problems with the description of items listed, please contact Clark Kooning, MMR, via e-mail at ckooning@msn.com, call at (416) 899-9041 or see address in *NMRA Magazine* masthead.

Required Tools Participants Must Provide:

Cutting mat (should be of reasonable size, about 12"x18")

This is a must item!

X-acto knife with #11 blades or scalpel

X-acto razor saw with fine teeth

Single-edge razor blades

Testors Liquid Cement or similar product

Flat needle file

6" Flat file

Several #2 pencils - very sharp

Flush cut pliers

Sandpaper (1-2 pcs ea): Grits: 240, 280, 120, and 100 OR small sanding tools of same or similar grits.

Tweezers: a) blunt b) needle point

Nibbler tool (Available at Radio Shack for working on PC boards--optional tool, but suggested)

Small modelers square (optional) or a cheap math set with 30/60 degree & 45 degree triangles

¼ inch stiff nylon bristle brush (1 only)

Small paint brush - #5 or 6, pointed or flat

000 Sable paint brush

Must item - bristles must be sable, not nylon

Scale ruler in your scale

Must Item

Metal straight edge such as a your scale ruler (or similar product)

Dental pick or similar type of tool (optional).

Two pair of bar clamps at least 8" to 12" capacity, depending on your modeling scale. (These clamps are available from [Micro-Mark](#) (see ad in MR or RMC magazines) or you can also use the small Quick-Grip™ mini bar clamps from the makers of Vise-Grip™ from most hardware stores.

Optional Tools:

Any other tools you usually use...

Optivisor

Northwest Shortline Chopper

Northwest Shortline Sander

Miter box

Extra work lights (can be a big advantage depending on room lighting)

Extension cord and plug strip to plug everything in!

These are handy tools which you could use in our clinics, but it is not essential you buy them just for this week. Your option! A good way to carry all of these tools is to buy a small, inexpensive plastic tackle box. These are usually available at department stores and home improvement centers year round.

Please note an updated tool list may be sent to you prior to the program date.

Clark Kooning

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