

TOOLS FOR MODEL BUILDING AND SCRATCHBUILDING

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Basic Tools

Tweezers - Similar to the one I use (Stainless steel):

www.grobetusa.com/tweezers_tongs/tweezers/pattern3.html

or

www.ottofrei.com/store/product.php?productid=7979&cat=0&page=1

Knives - Excel K18 Grip-On Non-Roll Soft Handle Knife

“Sprue cutter” - Search for “Cutting Tweezers”

Pin Vise - Easy Lock Pin Vise - www.modelexpo-online.com/product.asp?ITEMNO=MT1079

Tungsten Carbide Drills for use with drill press - (<http://drillcity.stores.yahoo.net/>)

Digital calipers - Mitutoyo 500-195-20 (from Amazon sellers)

Other Tools

Pliers and cutters - Xuron pliers and cutters from Small Parts (www.smallparts.com). Some of my favorites:

Xuron 450 Tweezer Nose Pliers

Xuron 410 Micro Shear Flush Cutter

Xuron 489 Combination Tip Pliers (Round/flat tip)

Xuron 440 High Precision Scissor

Xuron 575 Micro-Bender

Jewelers Saw - Knew Concepts 3" Jewelers Saw (www.knewconcepts.com/index.php)

Mission Models Grab Handler (www.missionmodels.com/product.php?productid=16462)

Waldon Punch and Die sets (www.rollmodels.com)

GRS Short Third Hand On Weighted Base (www.ottofrei.com/GRS-Third-Hands-On-Weighted-Base.html)

Proxxon Precision Machine Vise (www.proxxontools.com)

Small drill bits - Drill Bit City (<http://drillcity.stores.yahoo.net/highspeedtools.html>)

Original Right Clamp (www.coffmaneng.com)

Soldering

Weller WES51 Soldering Station (www.amazon.com)

300 watt PBL Resistance Soldering machine (www.p-b-l.com)

Supersafe solder flux (www.ccis.com/home/hn/)

Refractory ceramic fiber soldering pad (www.micromark.com)

Power Tools

Cameron Micro Drill Press Series 164 (www.cameronmicrodrillpress.com)

Proxxon Disc Sander Model TG125/E (www.proxxontools.com)

MicroLux Miniature Table Saw with Accuriser II Fence (www.micromark.com)

Proxxon Micro Bandsaw MBS/E (www.proxxontools.com)

Sand Blasting

12"x18"x12" high storage box with acrylic view window, shop vacuum exhaust; article in February 2012 *RMC*

“Pencil” sand blaster - (www.cycloneblasters.com/pencil.htm)

Painting

Air booth design based on the article "The Paint Shop spray booth" in the January 1988 *MR* by Andy Sperandeo with Gordy Odegard

Wash bottles - Nalgene Vented Wash Bottle, Acetone, Part B003OBYXBE (www.smallparts.com)