

Reference for *** Revolutionize Your Woodworking Enjoyment, Part II ***

Woodshop Station and Tool Organization

I group my Workshop Stations like this:

Lumber Storage and Acclimation:

**Prefer separate building for bulk lumber storage*

- Long stock racks
- Short stock bins
- Sheet goods racks
- Scrap bins
- Mobile shop cart
- Lumber drying area (or kiln)
- Ventilation/ Humidity control

Initial Wood Processing:

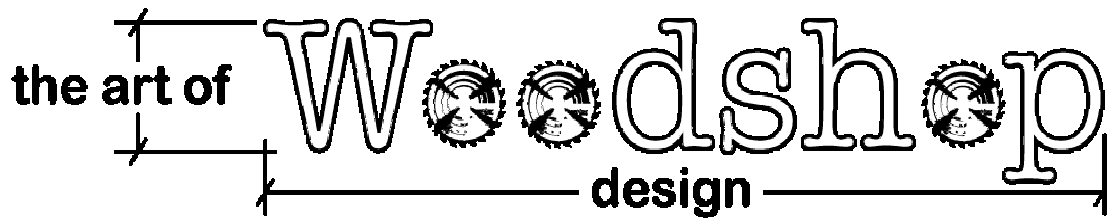
**Breaking down large boards and sheets to rough size*

- Panel Saw
- Miter Saw
- Radial Arm Saw
- Table Saw (if you don't have both of the above)

Wood Prep/ Milling:

**Surfacing all four sides (S4S) of a board, refining rough stock*

- Table Saw
- Jointer
- Planer
- Drum Sander/ Wide Belt Sander
- Resaw Bandsaw



Shaping/ Joinery:

**Machine or hand tool creating of joints (tenons, mortises, dovetails, etc.), and general shaping of edges and surfaces, drilling holes*

- Router Table
- Handheld Router
- Bandsaw
- Drill Press
- Mortiser
- Workbench
- Handheld Power Tools
- Oscillating Spindle Sander
- Lathe

Artistic/ Decorative Detail Work:

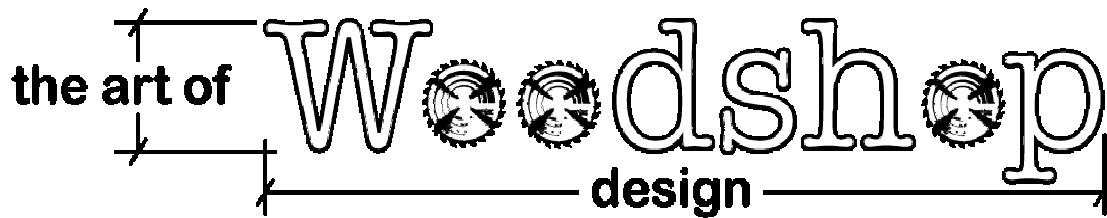
**Small shaping, inlays, carving, hardware provisions, veneering*

- Scroll Saw
- Lathe
- Workbench
- Vacuum Press and Veneering Supplies
- Carving Tools
- Hand Planes
- Misc. Hand Tools

Finish Prep:

**Surface and edge preparation to receive finish; clean-up of joinery, final fit*

- Power Sanders
- Hand Sanding Tools and Supplies
- Downdraft Table (can be part of workbench)
- Hand Planes
- Scrapers
- Drum Sander/ Wide Belt Sander



Assembly:

**Dry fit and final glue-ups, applying fasteners, test-fit of hardware, plugs, general assembly*

- Assembly Table (Suggest two)
- Glue, Tape and other related supplies
- Clamps
- Fasteners
- Air Compressor/ Nail Guns
- Power Drill/ Screwdriver
- Drill Press
- Assembly Jigs and Fixtures
- Hand Tools

Finishing:

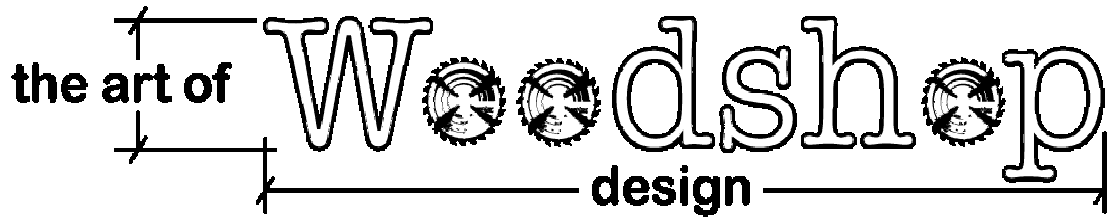
**Prefer separate room or building. This includes final finish with oil, dyes, stains, wood-filler, clear coat, buffing & polishing*

- Spray Table/ Lazy Susan
- Drying Racks/ Shelves
- HVLP Spray Equipment
- Spray Booth
- Finishing Supplies (Brushes, etc.)
- Finishes, Stains, Oils, Polyurethanes, Varnishes
- Buffer
- Exhaust fan(s) with explosion-proof motor and filters

Shop Support:

**General support of other operations and stations*

- Sharpening Station
- Measuring, Marking, Layout Tools
- Information Station
- Lumber Storage
- Mobile Shop Cart
- Specialty Jigs
- Safety Gear
- Cleanup Tools/ Supplies



- Off-Site Equipment/ Construction Tools
- Entertainment/ Comfort
- Finished Product Storage
- General Shop Support Items

Dust Collection:

**Dust control and collection throughout the whole shop*

- Main Dust Collector (Stationary)
- Shop Vac (Semi-Stationary)
- Ambient Air Filtration
- General exhaust