

April 2005

Eureka Garden Furniture Producer Program: Tools & Equipment Requirements

Major Equipment

1. Contractor or larger table saw; at least 1- 1/2hp; 10" blade size: Used for ripping stock to proper specified widths
2. Chop/Miter saw or radial arm saw: Used for cutting stock to length and proper angles
3. 14" or larger band saw, at least 3/4hp: Used for cutting parts with Back and T-Jig; cutting template parts(1)
4. Dust collection unit: Used for collecting wood sawdust, optional.
5. Drum Sander: Used for production sanding of all parts, optional.
6. Drill Press: Used to drill and counter sink parts, optional
7. Combination pneumatic balloon and flap sander; at least 1 hp: Used for cleaning up kerf marks and edges of all parts, optional.

Other Equipment:

1. Portable drill/driver; at least 12v: Used for drilling, counter sink and driving screws
2. Router; at least 1- 1/2hp with 1/2" collet: Used for rounding over parts where necessary
3. Oscillating sander: Used for sanding all parts; recommend sanding equipment listed in major equipment above if building many furniture items due to time saving and user fatigue; still need oscillating sander for touch up, etc.
4. Shop Vacuum: Used for shop clean-up and can be a vacuum for most equipment attachments.
5. Miscellaneous including, tape measure, drivers for driving screws, 1/4" round over router bit, various grades of sanding discs for oscillating sander, drill bits, counter sink bits, extra band saw blades

(1) above assumes that template parts will be cut out on band saw; optionally can use router set up to cut parts, see our operations manual for that information; requires a special table, pin router set up, special bit and Porter Cable 3-1/2hp router.