

LSU College of Art & Design, Design Shop Equipment

Stationary Equipment

Cutting

- 10" Saw Stop table saw
- 14" band saw (2)
- 20" band saw
- Panel saw
- Scroll saw
- 12" compound miter saw (2)
- 12" sliding compound miter saw
- Radial arm saw (2)

Boring

- 18" drill press
- Radial drill press
- Hollow chisel mortise

Shaping

- 20" planer
- 8" jointer
- 42" lathe (24" swing)
- Mini lathe (10" swing)
- Router table

Sanding

- Belt/disc sander
- Edge sander
- Oscillating spindle sander
- 24" drum sander
- Downdraft table (4)

CAD Equipment

- 18" x 32" 60 watt CO₂ laser engraver (2) | \$0.25 per minute
- 3D printer (8" x 8" x 8" print bed, gypsum print media) | \$4.60 per inch
- 4 Axis CNC Mill

Hand-Held Power and Manual Tools

Cutting

- Circular saws
- Jig saws
- Chainsaw (electric)
- Hole saws
- Various hand saws

Boring

- Electric drills
- Cordless drills
- Hammer drill
- Twist, Brad Point, Forstner, Spade, and Masonry drill bits

Shaping

- Router
- Power planer
- Power carver
- Die grinder
- Angle grinder
- Various chisels and gouges
- Various planes
- Spoke shaves
- Draw knife
- Adze
- Various files, rasps, and card scrapers

Sanding

- Palm sanders
- Drum sander
- Belt sanders
- Sandpaper is provided in most grits

Fastening

- Brad nailers
- Finish nailers
- Framing nailers
- Narrow crown stapler
- V nailer
- Pin nailer
- Impact driver
- Framing pointer
- Manual staple guns
- Plate joiner (biscuits provided)
- Fasteners for pneumatic tools, wood glue, and assorted nails and screws provided

Finishing

- 5' x 4' x 5' paint booth
- Siphon feed spray gun
- Various paints, stains, and oils
- Rags and chip brushes provided

Dust Collection

- Cyclone dust collector controlled by Eco Gate control system

Safety

- Glasses, goggles, and face shields
- Disposable ear plugs
- Dust masks
- Disposable gloves
- Design Shop staff are trained in first aid by the American Red Cross annually.

Storage

- Storage of projects and materials is available while projects are in progress
- Long-term storage is not available