

**HALE MANUFACTURING COMPANY**  
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## **PRODUCT SPECIFICATION**

### **Item description: Saratoga Dictionary Stand – DS2828**

#### **General Construction:**

All wood used in the construction of parts and shelving will be kiln-dried hardwood containing moisture content of 5% - 7% at the time of fabrication. All woods will be selected for uniformity of grain and color. Wood used for internal parts will be selected to be structurally sound.

End panels will be hardwood veneer over a 3-ply flake core panel with thickness of 1". The front, back, and top edges have a hardwood cleat with a bull nose profile.

All joint construction will use standard woodworking methods including peg and dowel, dovetail, spline, rabbet, mortise and tenon.

#### **Wood Finishes:**

In the manufacturing process, hardwood parts are glued, cut to size, machined and finish sanded on a 2-head wide belt-finishing sander. Hardwood veneer end panels are finish sanded on a Heesman automatic veneer panel sander. Finish sanding of veneer panels and hardwood parts include the use of 100, 120 and 150 grit-sanding belts.

After parts are assembled into a freestanding unit, final hand sanding and inspection prepares the unit for the first finishing step. The selected color finish is hand applied and cloth wiped to provide a uniform color.

One coat of sealer is applied with an airless sprayer and allowed to cure. After curing, the sealer is sanded with 220 grit sandpaper to provide a uniform smooth surface.

A final lacquer topcoat is applied with an airless sprayer and cured in a heated drying room. The topcoat dries smooth to approximately a 30-sheen finish, which is resistant to normal wear and scratching.

#### **UNIT DESCRIPTION:**

The freestanding unit is 45"H x 26"W x 25"D, finished on all sides. The end panels are sloped from 45"H at the back to 43"H at the front. The end panels and back panels are 1" thick hardwood veneer particleboard with a hardwood cleat on all exposed edges. The top shelf is 1" thick with a choice of a hardwood veneer or plastic laminate surface. The top shelf is recessed below the top edges of the end panels and the back, and sloped to the same angle as the top of the end panels. A hardwood cleat is mounted on the exposed edge of the top shelf with a 1-1/2"H hardwood retaining lip. Two 1" thick solid hardwood shelves are permanently fixed in place to provide for two storage areas with approximately 12"H clearance each. Threaded leveling glides are installed in the bottom of the end panels for leveling during installation.

**WARRANTY:** 20 years from date of shipment against manufacturing defects and workmanship.