

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

### **Item description: Reading Table**

#### **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.

Tabletop will be hardwood veneer over a 3-ply flake core panel with thickness of 1-3/16". The four edges will be 13/16" wide hardwood banding.

#### **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 unless clear coat is specified.

All exposed wood panels, parts, edges and legs are finished using a 2 part catalyzed varnish for scratch and chemical resistance (see the Hale finishing specification sheet).

#### **UNIT DESCRIPTION:**

**Tabletops:** Tops are offered at standard dimensions with an overall thickness of 1-3/16". Tabletops can be specified as genuine hardwood veneers or in a high-pressure laminate, color as specified. Particleboard substraight of 1-1/8" thick offers a foundation for veneer hardwood or plastic laminate finishing 1-3/16" thick. All outside edges of the tabletop shall have a 13/16" wide x 1-3/16" thick hardwood banding machined to a semi-bullnose edge profile. Corners are a matching edge profile slightly rounded with butt joint corner detail. **Table Aprons:** Tables will have hardwood aprons mounted on the underside of the tabletop, recessed from the edges of the table. The aprons will be 1-1/8" thick x 2-1/8"W and are mounted to the underside of the table with #7 x 1-1/4" square head wood screw countersunk at a 15-degree angle for strength. Hardwood glue blocks will be installed on the inside of the apron to provide added stability. The table legs will fit between the table aprons at the corners to form a reveal. **Legs:** Table legs will be 2-1/4" solid stock. The two inside faces of the leg will be tapered and the top of the leg machined to accept a 3/8-16 x 3-1/2" machine adapter bolt. The machine bolt on the leg is placed through a hole on a 4" x 2" hardwood corner brace grooved into the side aprons at 45 degrees. The hardwood corner brace is screwed into the underside of the top with two #7 x 1/1/4" wood screws. The leg is secured in place with a nylock nut. This system offers a rigid frame with no bend or flex found in metal corner leg supports. The bottom of each leg has a steel threaded adjustable leveling glide. Table legs are cut to provide for an overall height of 29"H at the surface of the table top.

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