

HALE MANUFACTURING COMPANY
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PRODUCT SPECIFICATION

Item description: O.P.A.C. Station (Online Patron Access Computer Station)

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 and back edges have a hardwood cleat with a bull nose profile. The top edges of the end panels have flat hardwood banding.

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 unit stands 42"H x 36"W x 30 1/2"D. The work surface is 1"thick furniture grade particle board with a choice of veneer hardwood or laminate top. The front edge of the work surface is banded with a bull nose hardwood cleat. The customer will determine the color of the laminate top. The end panels and back panel are 1" thick veneered particleboard with solid hardwood banding on all exposed edges. The customer will specify height of the work surface.

WARRANTY: 10 years from date of shipment against manufacturing defects and workmanship.