

HALE MANUFACTURING COMPANY
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PRODUCT SPECIFICATION

Item Description: 200 Signature Series

General Construction:

Ends are secured to the sub top with 8mm drilled dowel construction securely glued. From the underside, overlay tops are screwed to the sub top. Ends are secured to the bottom base front by glued in tenon and plough with the bottom shelf toe-nailed to the ends from the bottom inside, plus glue blocks. Backs are flush mounted to rabbeted top, ends and bottom by 3/4" coated staples. All size cases are equipped with metal adjustable glides on front corners. Four nylon 3/4" high glides are used in manufacturing and transit to protect bottom edges from damage

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 prepared 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:

A square edge design of 1" thick panels on the vertical sides with solid 3/16" hardwood front edge to match the bookcase. Top panels are 7/8" thick solid hard wood offered in nine different horizontal edge profiles. Profile choices are: square, bevel, reverse bevel, eased radius, full radius, bull nose, three bead reeded, scott traditional and reversed traditional. The overlay top panels are mounted to a sub-top and overhang the vertical sides of the bookcase approximately 5/8" with backs being flush. Overhang will vary slightly with choice of profile. The scott traditional and reversed traditional profiles include a 2" interior top valance. Custom edge profiles are available as specified by the customer at quoted up-charges. A 3" high flush closed base with leveling glides offers the most complete footing for self-standing cases. Adjustable 7/8" thick solid hardwood shelving is supported by four die cast metal shelf supports that are inserted into holes spaced at vertical one-inch increments along the interior side. On 60", 72" and 84" high cases, one shelf is factory installed at approximate mid point on the vertical panel using semi-permanent shelf supports. This provides superior bookcase side rigidity for shipping purposes. Semi-permanent shelf supports are available for all shelves at no charge if specified. The factory-installed shelf can be relocated by removing four wood screws from the shelf bottom and repositioning the supports. The shelf screws must be reinstalled. Cases are shipped completely set up ready for use except for placement of adjustable shelving.

Materials:

Ends and bottom are three ply Novoply, industrial furniture grade 45 lb. flake core plywood or equivalent. Both panel faces are veneered in walnut, oak or birch hardwood with a solid walnut, oak or birch lumber

band edge. Base front is solid 3/4" thick lumber. Shelves are solid hard lumber, 7/8" thick, with walnut, oak or birch veneer faces and solid 3/16" hardwood front edge matching the bookcase. Shelves are rated at over 225 lbs. with no deflection. Sub tops are 3/4" veneer core plywood with matching veneer. Backs are 1/4" masonite hardboard with the inside face custom printed to match the finish. A 1/4" thick plywood back panel is used when special finish color matching is required. Genuine walnut, oak or birch back panels are optional--see price list.

WARRANTY: All cases are fully guaranteed against defective in material and workmanship for ten years.