

INDUSTRIAL STRENGTH WOODWORKING

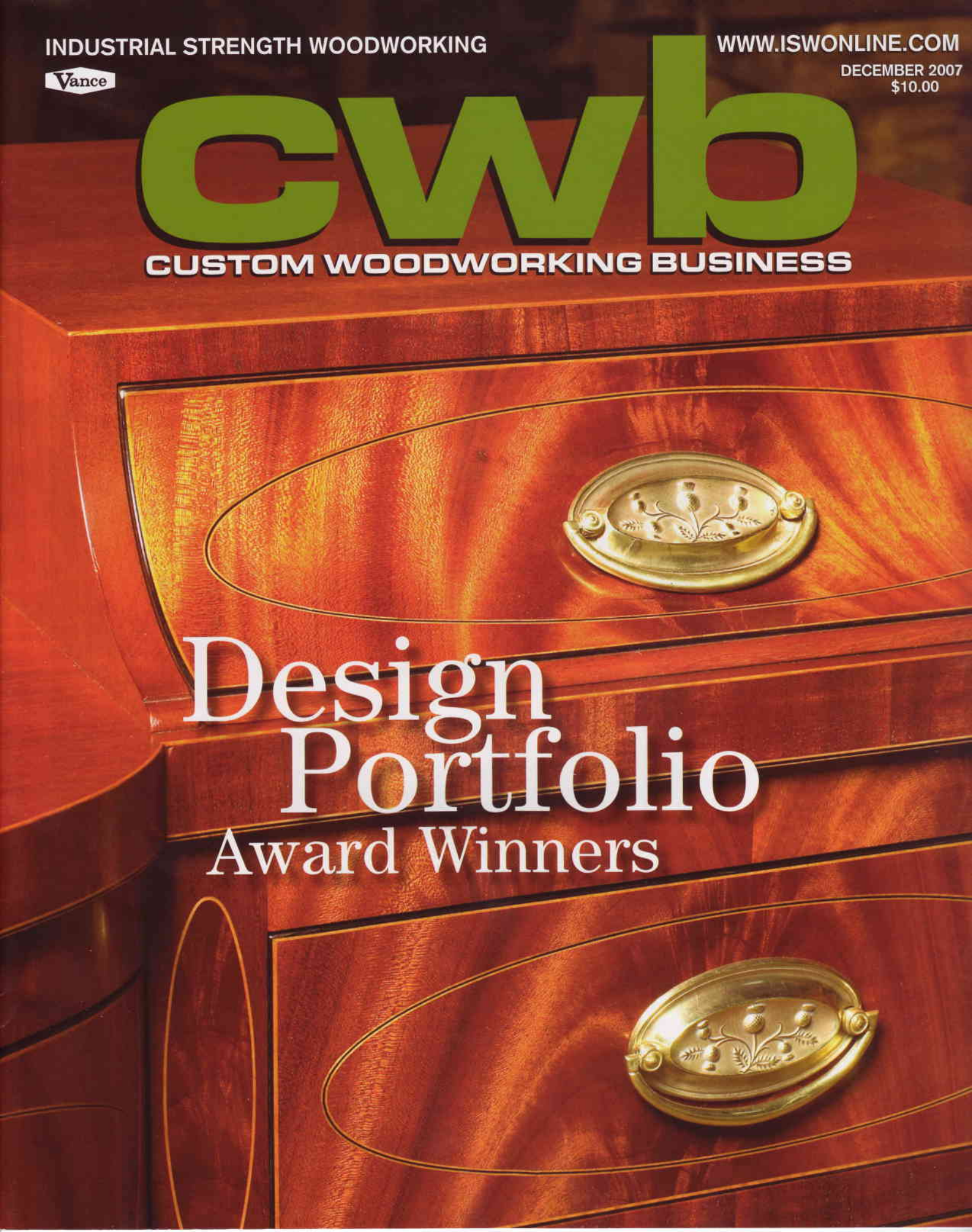
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CUSTOM WOODWORKING BUSINESS



Design Portfolio

Award Winners



Tempo Carpentry & Design

San Juan Capistrano, CA
www.tempocarpentry.com

Category: Architectural Millwork

Project: Italianate entry doors for residence.

Materials: These doors were manufactured in genuine mahogany.

Construction: The central carving design was first hand-sketched and then CAD drawn for initial approval. A more detailed CAD design was then toolpathed in ArtCAM, before a two-axis CNC machine rough-carved the master panel. A master woodcarver was then engaged to hand carve the master panel. The results were then 3-D scanned, re-toolpathed in ArtCam and 3-D CNCed.

Project Notes: The doors were custom designed to complement the northern Italian architecture of the home.



Hubel Handcrafted Inc.

Colorado Springs, CO
www.hubelhi.com

Category: Specialty Products

Project: Freestanding contemporary clock.

Materials: The clock face and pendulum bob are made from solid big leaf maple burl. The pendulum arm and hour markings are solid ebony. Internal framework for the legs is poplar wrapped in 3/16-inch zebrawood.

Construction: The body and legs of the clock are a torsion box design. The internal framework of the torsion box consists of poplar ribs and blocking. The poplar structure establishes the basic curve and taper of the legs. This skeleton was then wrapped in 3/16-inch zebrawood, which came from a single slab resawn and sanded. The legs taper from 13 inch to 6 inch when viewed from the side. The burl clock face is also tapered in the opposite direction to keep the face plumb. On the back of the big leaf maple burl face there is a large rabbet on each side. The legs are attached to the face by loose tenons. The dome-shaped hour marks are inlaid and hand-carved in ebony, as is the pendulum.

Project Notes: The assembly required nearly 70 clamps per side. The clock mechanism is an atomic, high-torque quartz movement with an independent pendulum drive.



Jacobs Woodworks

San Diego, CA

Category: Residential Furniture, BuiltIn

Project: Room Divider/Media Cabinet

Materials: This piece was constructed with figured walnut veneer and panels, custom-bent laminated glass, 1/8-inch bendable Italian poplar laminated into 3/4-inch-thick curves for the glass door rails.

Construction: The outer curved edges on the cabinet carcass, kick frame work, upper display parts and countertop were routed from a CNC-generated template. Ribbed frame structures were built for the kick and upper curved fascia pieces and then skinned with 1/8-inch-thick Italian poplar that had been laminated with walnut veneer. The upper curved end cap columns were shaped from laminated MDF blanks, with the walnut veneer glued directly to the MDF.

Project Notes: The finished cabinet was installed in a fourth-floor condo, so the project had to easily disassemble for transport in a passenger elevator.



Andrew Pitts — Furniture Maker

Heathsville, VA
www.andrewpittsfurnituremaker.com

Category: Residential Furniture, Free-standing

Project: Roll Top Desk

Materials: This product was fabricated with walnut, red oak and cherry for the trim and handles.

Construction: This desk is unique in the tambour construction and installation. It is a very low-profile roll top, and the tambour retracts into a minimal clearance opening in the back assembly. This maximizes the depth of the drawers so that they ride more smoothly.

Project Notes: The drawer sides, tambours, trim and tambour enclosure were all made from solid hardwood and milled with a WoodMizer sawmill and finished in a solar drying kiln.