

Laser Streamlined ASI's Sign Production

ASI Signage Innovations purchased a MultiCam 3000 Series CNC Router in 2006 and streamlined its high-end architectural sign production by adding a 2000 Series CNC Laser in 2009. Automation allowed Production Manager Dave Brown to cut out a number of manual steps, saving time and money. With the MultiCam Laser producing a clean, polished edge, he's eliminated painstaking hand finishing.

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ASI Vice President

In 1965, Raymond Peak and Fred Wilson founded the Irving, Texas, company. Today, it's the largest full-service Modulex franchise and manufacturing facility. It provides innovative identity solutions for Fortune 1000 healthcare, hospitality, education and corporate companies. Clients include Cook Children's Medical Center, Motorola, Radio Shack and the SPCA.

"The laser is awesome," Dave said. "It's a strong system and saves us so much time. It lines up perfectly, holds the registration, speeds up production and cuts out several manual procedures. The file is in the same place every time. Home is always home. We save a step by not having to add adhe-

MultiCam[®] 2000 Series CNC Laser Applications



ASI's MultiCam Laser saves time and money.



The MultiCam Router features MultiVision digital registration for quick and accurate alignment.



Laser scoring of the paper backing allows creative painting techniques.

sive after the cut and a full day by not needing to machine and polish the part edges.”

ASI uses the MultiCam Laser to cut seven-layer, adhesive-backed hospital room signs. It scores the paper backing so staff can tear it off and paint each section a different color. This saves time over needing to make masks.

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According to the production staff, the MultiCam Laser has been a lifesaver and time saver at cutting Braille sign pieces in one step. ASI used to cut them with a MultiCam router and then finish the edge. It also uses the laser to engrave hospital directories instead of more time-consuming hand scoring.

“With the MultiCam Laser, we’re significantly more competitive in the sign market,” Fred said.

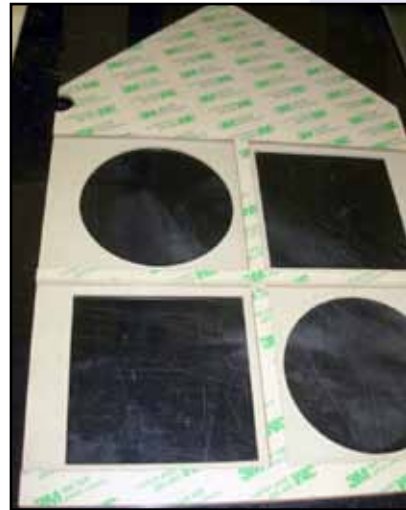
ASI Machine Details

Model: 2-204-L CNC laser
Table Size: 60" x 120"
Cutting Head: 200-watt laser
Fume Extraction: 6000 CFM with carbon filters
Ship Date: 2/26/09

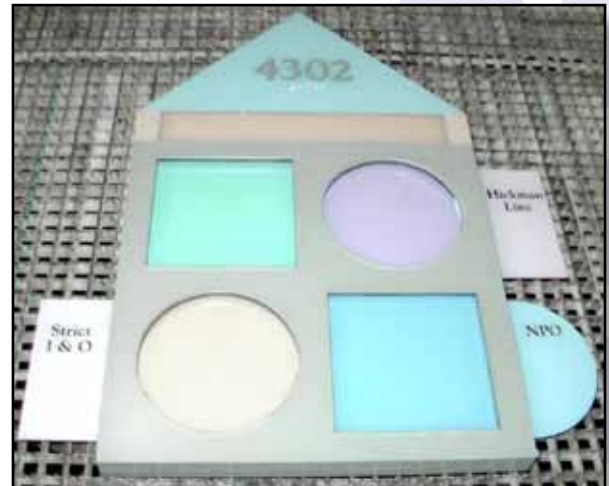
Model: 3-304-R CNC router
Table Size: 80" x 120"
Cutting Head: 5.5 hp, 32,000 rpm, ATC, knife, vision
Vacuum: 20-hp positive displacement
Ship Date: 12/29/06



ASI creates hospital signs from architectural plans.



The laser cuts multiple adhesive-backed pieces and inserts to combine into stick-and-peel signs.



ASI sandwiches layers together between face plate and back plate to create hospital room signs.

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