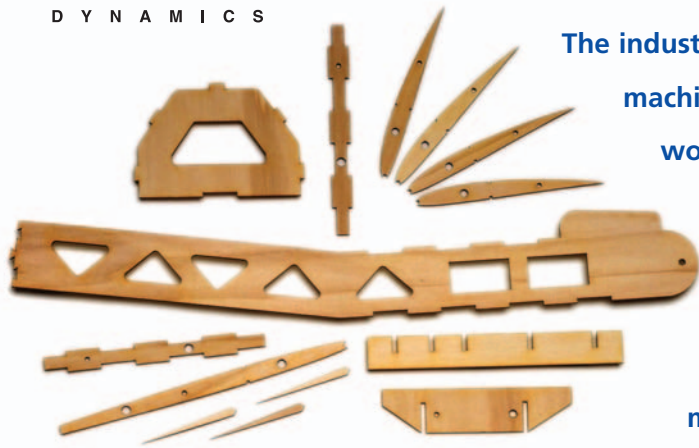




Intricate Wood Designs Cut at Production Speeds



The industry standard in laser cutting, Beam Dynamics' machines are ideal for companies producing intricate wood parts, architectural models, custom woodworking, or inlays. Our tool-less machines produce perfect parts—splinter free and with beautiful edges—cut from any type of wood-based materials. Backed by years of experience, the Beam Dynamics laser machine is the ideal addition to any production floor.

SMALL KERFS

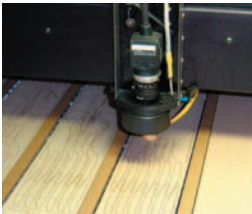


Create detailed designs impossible with a router.

Lasers have allowed intricate wood designs to take any shape imaginable. The laser makes it easy to move beyond the simple geometric designs used in the past. Cut fine detail, inside corners, perfect circles, and small pieces without burning or breaking! With small kerf offsets, wood floor and furniture inlays can be assembled with no gaps between components. Small kerfs also ensure a cost savings on materials because you will incur much less waste.

The proof is in the part – ask to see a sample today!

CLEAN WORK ENVIRONMENT



Enjoy the benefits of a cleaner machine.

Beam Dynamics' machines are completely enclosed, resulting in a clean, dust-free work environment. As the laser vaporizes the material, a stream of compressed air forces away smoke and particulate – leaving you with parts that are virtually dust free. This means that masking is not required, which can be a huge time savings, especially when cutting smaller pieces. The completely sealed system, with a vacuum table and integrated exhaust, keep your work area clean and odor-free.

INCREASED PRODUCTIVITY



Dramatically improve your throughput.

Whether you are upgrading from a lower powered laser or are considering purchasing a laser for the first time, Beam Dynamics can greatly enhance your current production rate. Our machines improve speed and accuracy, extend your workflow, and are easy to use and easy to maintain. You will save time and money with a higher powered cutting system by achieving greater throughput, higher production levels, faster turn-around, and lower operating costs.

Talk to a BEAM representative today to hear some of the cost-efficient and time-saving techniques developed with our machines. Call 650 654-4453 and ask for extension 201.



BEAM offers more than just a cutting machine—we offer an extension directly into your workflow. Our cutting machines use standard Illustrator or CAD files, allowing you to easily set up your cutting job. The operator simply loads the material, selects the file to cut, and starts the machine. The laser is non-contact, so there are no tooling costs, or saws to sharpen and set up.

Our machines allow you to produce parts with extreme accuracy and speed. Up your production rate, extend your manufacturing line, and simplify your process with our fully integrated system.

Reduce costs and operator time

All types of materials can be cut rapidly and cost-effectively—whether it's a prototype, small job or full production run. Our machines are so easy to use that a single operator can run several machines simultaneously, increasing throughput and decreasing costs. With virtually no setup time, multiple pallets and automated operation, there can be a dramatic reduction in operating hours compared to traditional cutting machines. You can create complex designs with no setup fees, retooling costs, or time-consuming setup changes. The process is non-contact, so there are no expensive cutting tools to wear or break.

A BEAM laser cutting system is an important tool for any wood shop because:

Clean work environment: Lasers vaporize materials without dust. Many applications require a dust-free area.

Extremely low operating costs: The machine costs less than \$1/hour to run and maintain.

Less material waste: Small kerfs give extremely precise cuts, resulting in a decrease in wasted materials.

No burning: Our high powered, sealed laser results in **faster material removal**, so there is no burning.

Power control: The system monitors the actual cutting speed and dynamically adjusts laser power as the speed changes.

The small tool cut width (kerf of .006") enables the cutting of any shape that can be drawn.

Tool variability eliminated: Absolute **repeatability** with a tool that **never dulls**.

Zero tool load: Clamping, complex, or dangerous holding methods are not required when cutting with a weightless beam of light. This is also very **helpful when cutting small parts**.

BEAM
D Y N A M I C S

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*If you want to cut it, we've done it before and can help you get it done!
Call us today at 650 654-4453 and ask for extension 201.*