

Virtek • LaserMC

TAKES THE WORK OUT OF MAKING WALL PANEL COMPONENTS

LaserMC's optimizing sequence determines how best to produce parts, while minimizing scrap lumber.



Virtek's proprietary LaserMC software interfaces with common panel design packages. ✓

With LaserMC, marking and cutting wall panel components becomes a single process, to reduce your material handling labor requirements.



EASY TO USE

The Virtek LaserMC minimizes skilled labor while maximizing production. With this system, it's as simple as feeding data into the computer and selecting a wall panel for which lumber is to be marked and cut. LaserMC does the rest. The system's optimizing sequence even determines how best to produce the parts – while minimizing scrap lumber. LaserMC software interfaces with common panel design packages.

HIGHER THROUGHPUT

Since LaserMC is fully automated, you benefit from maximum efficiencies. Not only does the system save time over traditional measuring and marking, its high level of accuracy also minimizes costly scrap and rework. Cutting and marking become a single process, further reducing your production time and labor requirements, while improving material handling. The result is higher throughput. That means greater productivity for your operation.

LUMBER MARKING & CUTTING IN ONE STEP

Both the top and bottom plate can be fed at the same time, and the system can handle component lengths up to 24'. LaserMC automatically moves the lumber into position, where it is marked with the required symbol or data for each joint location, using a Class IV 50-watt laser. The system also provides for user-defined marking and symbols, and offers production reporting capabilities.

As the marked lumber travels through the system, it is cut automatically as required. Cuts may be straight or beveled for lumber sizes 2" - 10" thick. Once cut, the lumber may be moved from the saw manually or on a powered conveyor for stacking or bundling. Upon completion, panel components are taken to the assembly area for panel construction.

SAVE TIME AND MONEY

LaserMC enables you to:

- Reduce material handling
- Reduce the amount of labor required
- Reduce the skill level of the labor required
- Enhance production
- Improve quality of panel components
- Minimize scrap and rework
- Optimize lumber usage

FLEXIBLE AND OPERATOR FRIENDLY

Each LaserMC system can operate as a standalone or as part of a network, and offers the user real-time production change capabilities. The system is operated by user-friendly Windows®-based software, and is so easy to learn that operator training can be completed in less than one day.

NEW FEATURES

- Generation of material pick list
- Marking on/off option
- Second monitor for material feed
- Scrap material optimization
- Lumber library

WORLD CLASS SUPPORT

With LaserMC, you get Virtek's world renowned customer service and support. With every system, you can expect on-line support, upgrades, and troubleshooting assistance.

SYSTEM SPECIFICATIONS *

Maximum in-feed table speed	45"/second
System Length	38'
Saw Blade	20"
Minimum air requirements for saw	80 psi
Laser Class	Class IV
Computer System	PC with CD-ROM, 17" monitor, keyboard, and mouse
Operating System	Windows XP
Customer Support.	One-year, all inclusive warranty on hardware and software. Extended hardware and software support options available.

*Specifications subject to change due to continual improvements.

POWER REQUIREMENTS

In-feed table saw	110 VAC and two circuits of 460 VAC
Computer.	110 volt



▲ LaserMC automatically moves the lumber into position, where it is marked for each joint location.



▲ Cutting may be done manually or automatically, and straight or beveled cuts are possible.



▲ The LaserMC system can be programmed for user-defined marking and symbols as required. Marking can be done on wet, dry, or treated lumber.



To learn more about how LaserMC can maximize efficiency, increase quality, and reduce the costs of manufacturing wall and floor panels call 1-800-684-7835 or e-mail lasermc@virtek.ca.

LaserMC is available worldwide through MiTek Industries Inc.

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