

Virtek I-Joist Processing (VIP) System

AUTOMATICALLY CUTS, ROUTES AND MARKS ENGINEERED WOOD PRODUCTS UP TO 60' LONG QUICKLY AND PRECISELY

The VIP System processes up to 2,500 linear feet every hour and reduces waste by automatically calculating the most efficient use of material.

Cut, route and label joists all in one pass.



▲ Easy-to-use software brings computer-guided precision and speed to your production facility without extensive staff training.

VIRTEK

PRODUCE MORE PRECISION-CUTS PER HOUR

Manufacturing ready-to-assemble joists faster, more accurately and with less waste is key to higher profits for your business. The Virtek I-Joist Processing (VIP) System delivers with an easy-to-use solution that processes *up to 2,500 linear feet every hour*, (1,000 linear feet per hour with routings), handling stock up to 60 feet. The VIP system is also available with a 48 foot stock option. With a powerful 10HP motor and 20" diameter saw blade, the VIP System can cut joists up to 3.5" x 16", effortlessly.

ROUTES HOLES IN THE SAME PASS

With the VIP System's add-on router unit, service holes can be cut into engineered wood I-joists at the same time as the cross-cutting, resulting in a dramatic saving of time – both in the preparation of I-joists, and again during the on-site installation. Cut circles, squares, rectangles or ovals of any size with the knock-out left in place or removed. A 10" hole is cut in approximately 10 seconds.

OPTIMIZATION AND INKJET MARKING

The VIP System allows multiple jobs to be loaded at the same time. The software optimizes material usage by combining joists into the same run. The system features an inkjet marker for identifying joists by part number, job number, length or any other marking you require. An optional five colour coding system is available allowing users to load five jobs at once.

SIMPLE SOFTWARE MAKES IT EASY-TO-USE

With minimal computer skills and training required, the VIP System software guides operators through the whole process – the automatic feed system, cutting, router work and unloading of the finished joist. The system is fast and efficient, with intelligent loading and auto ejection so you use less manpower. Since VIP runs off a CSV file, workflow can be programmed by the operator right from the machine or generated from a design program.

SAVE TIME AND MONEY

- Increase throughput
- Improve quality and consistency of joists
- Minimize scrap and rework
- Optimize lumber usage
- Reduce material handling
- Fewer staff required
- Lower skill level needed

EASY TO OPERATE AND CUSTOMIZE

With its graphical user interface and downloadable file processing, the VIP System is very easy to operate. The system runs on Windows® XP and is so easy to learn that an operator can be trained in a matter of hours.

WORLD CLASS SUPPORT

With the VIP System, 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 . . . 4,500"/minute
- Overall system length (60' stock) . . 120'
- Saw blade 20" diameter
- Saw motor 10 HP
- Cut accuracy ± 1/8"
- Operating temperature. 0°C - 45°C (32°F to 113°F)
- Computer system PC with CD-ROM, 17" monitor, keyboard, mouse
- Operating system. Windows® XP Professional
- Warranty. One year system warranty. Integrated components (router/drive control) carry OEM warranty. Limited warranty on drive belt and consumables such as saw blades and router bits.
- Customer support 24/7 telephone support. After warranty extended hardware and software support options available.
- Dust collection system. Supplied by customer

OPTIONAL

- Router (porter cable) 3 1/4 HP
- Automated ejector system 35' (included in overall length)

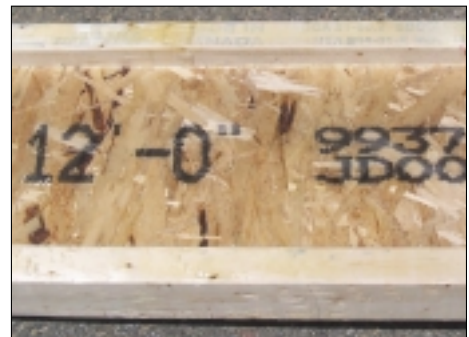
POWER REQUIREMENTS

- In-feed table/saw 480 VAC 3-phase dedicated power at 60 amps
- Computer/inker 120 VAC dedicated line at 15 amps
- Minimum air requirements 80 psi

*Specifications subject to change due to continual improvements.



▲ With the VIP System's add-on router unit, service holes can be cut into engineered wood I-joists at the same time as the cross-cutting.



▲ The VIP System can be programmed for user-defined marking and symbols as required.



▲ The Virtek I-Joist Processing System processes up to 2,500 linear feet every hour, handling lengths of up to 60 feet.

To learn more about how the VIP system can maximize efficiency, increase quality, and reduce the costs of manufacturing I-joists, call 1-800-684-7835 or e-mail lasermc@virtek.ca.

LaserMC is available worldwide through MiTek Industries Inc.

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