



**Mi** MatchPoint™  
**Mi** **BLADE**™  
**MiTek** Wood Processing System

# CUTS MORE PARTS | COSTS LESS MONEY INTEGRATES WITH MITEK® SOFTWARE

## MORE THAN JUST A SAW

The *BLADE*™ wood processing system is a fast, accurate, and economical method of cutting a wide array of components for wood truss manufacturing. It is capable of cutting lumber for virtually all of your roof truss, floor truss, and wall panel needs. The *BLADE* wood processing system is also so much more than just a saw.

- **LUMBER FEED SYSTEM:** Inputs the selected lumber, in the correct order, to the Infeed Rail. The *BLADE* system comes with an Auto Deck staging conveyor, and there are optional lumber feed systems available for an even higher level of automation and speed.
- **INFEEED RAIL:** the Infeed Rail feeds lumber into the saw chamber at up to 100 inches per second, a higher speed than ever before.
- **PRINTER:** The ink-jet system prints individual part identification data on up to 3 sides of each piece, and on parts as short as 2 inches long.
- **SAW:** The saw cuts the board with 1/32" precision using 6 Servo-controlled axes, and moves the cut pieces to the outfeed component and waste to the conveyor below.
- **OUTFEED COMPONENT:** It includes an outfeed table with an optional Powered Skewed Conveyor.

## FEATURES/BENEFITS

- Can be the primary cutting center in your plant
- Servo motors for the following axes: stroke, angle elevation, bevel, LASM, infeed drive
- All cutting done inside the saw chamber: reduces dust, improves safety
- BoardStretcher™ software reduces waste by cutting the boards in a job in the best order to get the most out of each piece of lumber
- All cut pieces, even those 2" long, are ejected through the lumber exit chain to the outfeed below
- Accuracy: 1/32" on length and 0.1 degrees on angles

## SPECS

Board Dimensions:

- Edge: 2x
  - Face: 3x-12x or 2-1/2" - 11-1/4"
  - Length: 16' and 20' option
- Accuracy:
    - 1/32" and 0.1 degrees
  - 17" blade
  - Infeed Rail and lumber feed system delivery travels up to 100 inches per second
  - Lumber feed system easily keeps up with infeed rail.
  - 350-400 pieces per hour
  - Cut and exit a part as short as 2" all the way to the outfeed table or conveyor.

## SAFETY ADVANTAGES

- Completely enclosed saw blade with interlocked door
- Electrical conforms to NFPA 70/79E code
- Pushbuttons and pull-cords used in E-stop system
- Blade stopping controlled by VFD & monitored by the safety circuit
- Lumber feed system required to prevent hand feeding into saw

Contact your MiTek Sales Manager today to set up a demo, discuss options, and set up a path forward for adopting the MatchPoint *BLADE*™ into your production.

## WANT EVEN MORE INFO?

Visit: [www.mitek-us.com/blade](http://www.mitek-us.com/blade)

Email: [BLADE@mii.com](mailto:BLADE@mii.com)

Call Customer Service at: 800-523-3380

Lumber exit chain



Operator Control Panel



Skewed Conveyor

