A single-blade cutting device, material handling solution, and production control department.

**Physical Data**

Components: Saw w/ 1 printer and infeed rail  
(see Options) Auto Deck or optional lumber feed system Software (Wall panel software optional)  
Dimensions of saw:  6’ 10” L x 8’ W x 6’ 5-1/2” H (+/- 1-1/2” for adjustable feet)  
Dimensions of 16’ Infeed Rail: 19’ 8-5/16” L x 3’ 4-5/16” H (+/- 2-1/8” for adjustable feet)  
Footprint of typical system: 45’ 9” L x 18’ W (including Powered Skewed Conveyor)  
Saw blade: 1 saw blade, 17” diameter  
Servo motors: Stroke, angle, elevation, LASM, infeed drive, and bevel  
Electric motors: Saw blade 5 hp, 4200 rpm  
Waste conveyor and lumber exit chain drives 1/2 hp  
Powered Skewed Conveyor 1 hp  
Auto Deck 1 hp  
Pneumatic requirements: 110 psi @ 40-50 cfm  
Temperature requirements: 41° to 104°F ambient  
Approx. weight: Saw 8,000 lb  
Auto Deck, 6 strands (12’ long) 2,000 lb (20’ long) 4,000 lb  
Infeed Rail (16’) 1420 lb (20’) 1720 lb  
Powered Skewed Conveyor (16’) 2300 lb (20’) 2600 lb  

**Performance Data**

Modes: Automatic (Manual Mode for maintenance)  
Speed: Infeed rail = up to 100 inches per second, depending on lumber size  
Board capacity: 2x3 through 2x12 boards  
  • Edge = 1-3/8” to 2”  
  • Face = 2-1/2” to 11-1/4”  
  • Max. Length = 16’ (see Options)  
Shortest length on Auto Deck: 6’ (see Options)  
Shortest length to exit saw: 2”  
Min. or max. length of cut: Infinite  
Number of angle cuts: Infinite  
Accuracy of each axis: 1/32” and 0.1 degree  
Waste conveyor belt: Operates automatically  
HMI: Touch screen computer, Windows® operating software  
Printer: 16 valves, front face (see Options)  

**Continued on Back**
Features
• Single-bladed saw that can be the primary cutting center in your plant or complement a component saw
• Various sensor and encoders used for accuracy
• Servo motors add to accuracy
• Automatically calibrates itself when needed
• All cutting done inside the saw chamber: reduces dust, improves safety
• Board Stretcher™ software reduces waste by arranging parts in a highly efficient order
• All axes are powered and automatically adjust to cut

Electrical Data
Electrical specs: 230 VAC, 60 Hz, 3-phase (other voltages require transformer)
FLA plus control amps: 67 amps
Disconnect protection: 80 amps

Safety Data
E-stops: Pushbuttons, pull-cord
Interlocks: Chamber doors interlocked with saw blade
Safety compliance: UL (panels), OSHA
Indicators of movement: Beacon light
Labels: Bilingual or ISO

Options
• 20' board length capacity on Infeed Rail and outfeed table
• Auto Deck configurations vary to accommodate different minimum and maximum board lengths
• Automatic lumber feed system can replace Auto Deck
• Powered Skewed Conveyor (16' or 20') provides automation on the outfeed end
• Left-hand waste conveyor (right-hand discharge is standard)
• Incline waste conveyor can run inline or perpendicular to waste conveyor on saw
• Wall panel software
• Optional printing features: See the BLADE™ Printer spec sheet