

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

Physical Data

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| Components: (see Options) | Saw w/ 1 printer, Auto Deck or optional lumber feed system, Infeed Rail, Outfeed table or optional outfeed assembly, Software (Wall panel software optional) |
| Dimensions of saw: | 6' 10" L x 8' W x 6' 5-1/2" H (+/- 1-1/2" for adj. feet) |
| Dimensions of 16' Infeed Rail: | 19' 8-5/16" L x 3' 4-5/16" H (+/- 2-1/8" for adj. feet) |
| Footprint of typical system: | 45' 9" L x 18' W (incl. 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 = 12,000 lb Auto Deck = 5,000 lb Infeed Rail = 2,000 lb Powered Skewed Conveyor = 6,000 lb |

Performance Data

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| Modes: | Automatic (Manual Mode for maintenance) |
| Speed: | Infeed Rail = up to 100 in. per second, depending on lumber size |
| Board capacity: | 2x3 through 2x12 boards <ul style="list-style-type: none">• 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) |

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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

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

Safety Data

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| E-stops: | Pushbuttons, pull-cord |
| Interlocks: | Chamber doors interlocked w/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
- Infinite configurations for Auto Deck strands to affect max/min board length
- Automatic lumber feed system can replace Auto Deck
- Powered Skewed Conveyor (16' or 20') can replace outfeed table
- 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
- Transformer
- Optional printing features: See the BLADE™ Printer spec sheet