

The BLADE II linear saw helps Roof Truss and Floor Truss Component Manufacturers cut more high-mix chords and web parts by avoiding machine downtime and increasing throughput with more green-light time.

Physical Data

Components: <i>(see Options)</i>	Saw w/ 1 printer and infeed rail Auto Deck or optional lumber feed system Software (Wall panel software optional)		
Dimensions of saw:	10' L x 8' W x 6' 6" 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 @ 73 scfm		
Temperature requirements:	41° to 122°F ambient		
Approx. weight:	Saw	8,900 lbs	
	Auto Deck, 6 strands	(12' long) 2,000 lbs	(20' long) 4,000 lbs
	Infeed Rail	(16') 1360 lbs	(20') 1600 lbs
	Skewed Conveyor	(16') 900 lbs	(20') 1100 lbs

Performance Data

Modes:	Automatic (Manual Mode for maintenance)
Speed:	Infeed rail = up to 500 feet per minute, depending on lumber size
Board capacity:	2x3 through 2x12 boards
	• Edge = 1-3/8" to 1-5/8"
	• Face = 2-1/2" to 11-7/8"
	• Max. Length = 16' <i>(see Options)</i>
LVL (Laminated Veneer Lumber)	• Edge = 1-3/4"
	• Face = 11-7/8"
	• Max. Length = 16' <i>(see Options)</i>

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Performance Data Cont.

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

Features

- BLADE II is a premier linear saw with advanced safety systems, reliable components to prolong machine life, and simplistic operation for optimal ease of use
- All cutting is done inside the saw chamber for safe operation and dust control
- Advanced components are reliable and prolong machine life, minimizing downtime and increasing throughput
- A simple, single main electrical enclosure contains all electronics, allowing for easier maintenance and troubleshooting
- All axes are powered and automatically adjust to cut
- A variety of included board part shapes can be selected for cutting, including stair stringers

Electrical Data

Electrical specs:	230 VAC, 60 Hz, 3-phase (other voltages require transformer)
FLA plus control amps:	67 amps
Disconnect protection:	100 amps

Safety Data

E-stops:	Pushbuttons
Interlocks:	Chamber doors interlocked with saw blade
Safety compliance:	UL (panels), OSHA
Indicators of movement:	Beacon light and horn
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
- 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 II™ Printer spec sheet