

The *Hornet II* auto-cut system is used for cutting and marking in both wall panel and floor truss applications. The system can cut/mark common wall panel framing parts such as plates, sills, cripples, and headers. The system can also cut/mark common floor truss parts such as chords and bearings.

Physical Data

Standard System

Components (see <i>Options</i>):	Saw Unit 20' Infeed Pusher 20' Outfeed Table Outfeed Sweeper Arm Assembly Bottom Plate Printer Edge Printer
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Dimensions

Saw Unit:	3 ft 2.25 in L x 3 ft 6.5 in W x 6 ft 2.75 in (+/- 2.375in) H
20' Infeed Pusher:	31 ft 4 in L x 3 ft 1.5 in W x 5 ft 9 in (+/- 1.875 in) H
20' Outfeed Table:	20 ft L x 1 ft 10 in W x 3 ft 3 in (+2 in/-2.125 in) H
20' Material Auto Loading Live Deck (Optional)	31 ft 4 in L x 3 ft 1.5 in W x 5 ft 9 in (+/- 1.875 in) H
Footprint of standard system (w/ Auto Loading Live Deck)	54 ft 6 in L x 4 ft 4 in W x 6 ft 5 in (+/- 2.375 in) H

Mechanical

Saw blade:	1 saw blade, 20" diameter
Servo motors:	Tabletop (for angle cutting), infeed pusher
Electric motors:	Saw blade 5 HP, 1750 RPM 20' Material Auto Loading Live Deck 1 HP, 1745 RPM
Pneumatic requirements:	800 CFM
Temperature requirements:	50° to 95°F (10° to 35°C) ambient (see <i>Printer Specification Sheet</i> for information on ink storage)

Weights

Approx. weight:	Saw Unit: 948 lb Infeed Pusher (20'): 1499 lb Outfeed Table (20'): 487 lb 20' Material Auto Loading Live Deck: 671 lb
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Performance Data

Modes:	Auto, Semi-Auto, Manual (for non-operation jogging only)
Speed:	200 to 350 feet per minute nominal push rate (fully adjustable)
Board capacity:	2x3 through 2x12 boards <ul style="list-style-type: none"> • 3" height stack maximum for plate and edge printing • Max stack height = 5-3/4"

Performance Data (continued)

Saw angulation:	+/- 70 degrees (from home position) 90 degree cut on flat 2x4 through 2x12
Angle accuracy:	+/- 0.1 degree
Pusher accuracy:	+/- 1/32"
HMI:	Touch screen computer, Windows® operating software
Printer:	4 valves, edge-line, 600 DPI

Features

- Fully automated angulation and cutting
- Fully automated chain conveyor feed (with the Auto Loading Live Deck)
- Fully automated outfeed sweep (with the outfeed sweeper arm assembly)
- Plate layout edge printer
- An optional bottom plate printer can print a Bill of Materials

Electrical Data

Electrical specs:	240 VAC, 60 Hz, 3-phase
FLA plus control amps:	35 amps
Disconnect protection:	60 amps

Safety Features

E-Stops:	Pushbuttons
Safety compliance:	UL (panels), OSHA
Labels:	Bilingual or ISO
Interlocks:	Saw hood and saw unit doors

Options

- 20' Material Auto Loading Live Deck