

HORNET II™

An automated cutting system used for cutting wall panel applications.



PHYSICAL DATA

Components

Saw Unit

20' Infeed Pusher

20' Outfeed Table

20' Material Auto Loading Live Deck (Optional)

Footprint of standard system (w/ Auto Loading Live Deck)

Saw blade

Servo motors

Electric motors

Pneumatic requirements

Temperature requirements

Approximate weight

Saw Unit, 20' Infeed Pusher, 20' Outfeed Table, Outfeed Sweeper Arm

Bottom Plate Printer, Edge Printer

3" 2-1/4" L x 3 ft 6-1/2" W x 6 ft 2-3/4" (+/- 19/8") H

31' 4" L x 3' 1-1/2" W x 5' 9" (+/- 15/8") H

20' L x 1' 10" W x 3' 3" (+2'/- 2-1/8") H

31' 4" L x 3' 1-1/2" W x 5' 9" (+/- 15/8") H

54' 6" L x 4' 4" W x 6' 5" (+/- 19/8") H

1 saw blade, 20" diameter

Tabletop (for angle cutting), infeed pusher

Saw blade | 5 hp, 1,750 rpm

20' Material Auto Loading Live Deck | 1 hp, 1,745 rpm

100 psi @ 11 scfm

50° to 95°F (10° to 35°C) ambient

(see Printer Specification Sheet for information on ink storage)

Saw Unit | 900 lbs

Infeed Rail (20') | 1,500 lbs

Outfeed Table (20') | 500 lbs

20' Material Auto Loading Live Deck | 700 lbs

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 3" height stack maximum for plate and edge printing Max stack height = 5-3/4"
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

FEATURES

- Fully automated angulation and cutting.
- Fully automated chain conveyor feed (with the optional Auto Loading Live Deck).
- Fully automated outfeed sweep.
- Plate layout edge printer.
- Bottom plate printer that can print a Bill of Materials.

ELECTRICAL DATA

Electrical specs	230 VAC 60 Hz 3-phase
FLA plus control amps	35 amps
Disconnect protection	60 amps

SAFETY DATA

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

→ 5' Outfeed table extension

Hornet II™ - Printers

The Hornet II saw includes an edge printer and a bottom plate printer.



PHYSICAL DATA

Type	Inkjet
Print heads	4 per printer
Print field size	2"
Print Cartridges	Storage/Transport: 50°–95°F (10° to 35°C)
Temperature requirements	Operational: 50°–95°F (10° to 35° C)
Print Cartridges Shelf life	10-12 months (see date on each cartridge)
Print Cartridges Replacement	Purchase from REA JET®
Edge Printer	Board Size
Available Print Field	Company Logo
	Bundle ID
	Customer or Job Name
	Bottom Plate or Top Plate
	Stud Location and Length

40064

K

104 1/4"

MITek_SEC_3B_L4

SEC 3 B L4

*16"

CONT'D PHYSICAL DATA

Bottom Plate Printer

Available Print Fields

Capable of printing a full BOM of every part located within the processed wall section along with many other data options.

Attachment Size, Length, and Alias

Customer or Job Name

Bottom Plate or Top Plate

Bundle ID

Component ID

Company Logo

Alias

Report Length Summary

Length

Report When None

