

CYBER A/T

A component saw with up to 6 blades for high-speed batch cutting.



PHYSICAL DATA

Dimensions

32' L x 15' 1" W x 9' 1" H

#1 saw blade

7 hp, 3,600 rpm, 20" carbide tip blade (+15° through -90°)

#2 saw blade

7 hp, 3,600 rpm, 16" carbide tip blade (-15° through +90°)

#3 saw blade

7 hp, 3,600 rpm, 16" carbide tip blade (-15° through +90°)

#4 saw blade

7 hp, 3,600 rpm, 20" carbide tip blade (+15° through -90°)

#5 saw blade

13 hp, 1,800 rpm, 32" carbide tip blade (-15° through +90°)

#6 saw blade (optional)

13 hp, 1,800 rpm, 32" carbide tip blade

*Blade #6 is required for single-piece bottom chords with a pitch <4/12, on lumber larger than 2x4.

Infeed chain

Heavy-duty #2120 chain w/flights to push lumber

Pneumatic requirements

100 psi

Approximate weight

18,000 lb

PERFORMANCE DATA

Modes

Manual, Semiauto, Automatic

Lumber size

2x3 up to 2x12 (standard orientation)

4x2 (floor truss orientation)

Straight cut length-MAX

20'

Straight cut length-MIN

Manual Mode = 15"

Semi & Auto Modes = 16-9/16"

Cut length w/ four 45° cuts-MIN

Manual Mode = 17"

Semi & Auto Modes = 22"

CONT'D PERFORMANCE DATA

Scarf cut length-MAX	16" blade = 10-1/2" 20" blade = 16" 32" blade = 29-1/2"
Centerline accuracy	+/- .005"
Angulation accuracy	+/- .10°
Carriage travel accuracy	+/- 1/16"
In- and out-of-cut adjustment	Lateral on blade #5, vertical on blades #1, 2, 3, 4
Waste conveyor belt	24" wide, operates automatically
HMI	Touch screen computer, <i>Windows</i> ® operating software

FEATURES

- Absolute encoders for accurate positioning.
- All blade axes and on-saw conveyor adjustments are powered.
- Ability to take blades in and out of cut.
- Pneumatic brakes on all saw blades.
- Uses an electronic lumber counter.
- Rack and pinion adjustable lumber stop.
- Center lumber support for long boards.
- Heel cut skid bar to support ends (second bar optional).
- Floor truss web riser bars for cutting 4x2" boards.
- English and Spanish software on every saw.

ELECTRICAL DATA

Electrical specs	230 VAC 60 Hz 3-phase (other voltages require transformer)
FLA plus control amps	160.6 amps
Disconnect protection	200 amps

SAFETY DATA

E-stops

Pushbuttons

Safety compliance

Pull-cord

Indicators of movement

UL (panels), OSHA

Labels

Horn

Bilingual or ISO

OPTIONS

- #6 saw blade
- 12' incline waste conveyor mounted at either end (raises overall footprint to 43' long)
- Catcher Display
- Inker
- Various material handling options