

MiTek® **CYBER A/T™**

Advanced Technology for the Best in Plant Efficiency



*New & Improved
Mechanical
Features
for **FASTER
OPERATION***



Fiber optic cable

MiTek®
MiTek®

MiTek® **CYBER® A/T™**

Advanced Technology for the Best in Plant Efficiency

MiTek's **CYBER® A/T™ Saw** offers the best that Advanced Technology has to offer. It truly is the next generation in component cutters, and offers new and improved mechanical features that can take your plant to new levels of efficiency and productivity. Faster, more accurate setups...Improved position resolution...Faster processing...and fewer calibrations...You can have it all with the **CYBER A/T Saw**.

New as an option on the **CYBER A/T** is the **Catcher Display**. It's a two-line display screen mounted on the back of the saw that provides detailed, user-specified information to the off-feed operator. Features include a push-button control to advance through the members that have already been cut, and easy-to-read 1" high, bright red LED characters.



Catcher Display on back of saw

Improved Position Repeatability
to ≤ 0.1 degree angle, and ≤ 0.005 " centerline, and $\leq 1/16$ " carriage length

CTC Industrial Touchscreen
TFT resistant - with extra overlays for quick and easy replacement - with 3 year limited warranty

Higher Horsepower and Efficiency Drives & Motors

NEW FEATURES!

Physical Data

- Overall width: 15' - 1"
- Overall height: 9' - 1"
- Overall saw length: 32' - 0" (without incline scrap conveyor)
- Overall saw length: 44' - 0" (with incline scrap conveyor)
- Shipping weight: 16,000 lbs. (approx.)
- Electrical service required: 220 volts, 200 amps
- Five saws:
 - (#1) Saw - 6 hp. 3450 rpm with 20" carbide tip blade (+15° through -90°)
 - (#2) Saw - 6 hp. 3450 rpm with 16" carbide tip blade (-15° through +90°)
 - (#3) Saw - 6 hp. 3450 rpm with 16" carbide tip blade (-15° through +90°)
 - (#4) Saw - 6 hp. 3450 rpm with 20" carbide tip blade (+15° through -90°)
 - (#5) Saw - 12 hp. 1725 rpm with 32" carbide tip blade (-15° through +90°)

Performance Data

- Max. lumber size: 2 x 12
- Max. straight cut length: 20' - 0"
- Min. straight cut length: 14"
- Min. cut with four 45°: 22"
- Max. scarf cut length with 32" blade: 29.5"
- Max. scarf cut length with 16" blade: 10.5"
- Max. scarf cut length with 20" blade: 16"

INTEGRATING MANUFACTURING with DESIGN



Absolute encoders

Features

- Powered centerline adjustment for each of the five saws
- Powered angulation on all five saws
- Powered carriage travel
- Powered hold down adjustment, both vertical and horizontal
- Powered horizontal adjustment of infeed conveyors
- Powered lateral adjustment for in- and out-of-cut on (#5) Saw
- Powered vertical adjustment adjustment for out-of-cut on (#1), (#2), (#3), and (#4) Saws
- 24" wide full length scrap conveyor belt, powered by 1 hp gear motor
- Electronic lumber counter
- Heavy-duty 2120 Feed Chains with Pusher Lugs
- Rack and pinion micro--adjustable Lumber Stop
- Center Support Bar
- Right-handed Scarfing Skid Bar
- Tru-cut Tracking Blade

Safety Data

- Pneumatic brakes on all five saws
- Master operator shut-off control
- Perimeter mounted shut down cable
- Fully shrouded protective guards/shields

Options

- (#6) Saw - 12 hp, 1725 rpm with 32" carbide tip blade
- 12' - 0" Incline Scrap Conveyor mounted at either end



10 base-T network connection on stationary end of saw



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