

# SAWTEQ B-400 HPL US Edition

This model sets you up for big jobs. The integrated lifting table for automatic feeding speeds up your production processes by a considerable margin, particularly if you frequently cut panels made from the same material or in books.



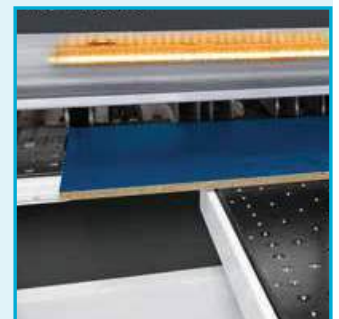
## INCLUDES

- Downloading via Network and USB
- IntelliGuide Basic
- IntelliDivide 6 month subscription

Optional: Labeling feature which includes Label Printing Software and Printer (add \$4000)

## UNIQUE SELLING POINTS: SAWTEQ B-400 HPL

- Air Jets in the machine bed that include **dustEx**
- 31.5" wide air tables to float heavy stacks and eliminate panel damage
- Spring loaded saw carriage to remain in contact with guide rods
- Fixed main saw motor to allow fast raising to position for cutting
- PowerTouch Controller with Cadv5
- Scoring saw is adjusted electronically on a tooling screen with a graph for quick, accurate adjustments
- Main and Scoring saws are guided vertically by precision linear bearings. This allows for smooth movement while maintaining perfect alignment under extreme cutting pressures
- Optional Grooving and Turbo Grooving depths are adjusted through the Cadmatic controller
- Pressure beam is optimized to raise about 1" above the material before moving the book forward to the next cutting position. This reduces the cycle time.
- Easy access panels to allow proper cleaning of the saw carriage
- Ask about recuts. CombiTec software is a great solution to reduce errors with processing re-cuts (3rd Phase)
- Fast and reliable position of the lift table
- Easy to maintain
  - Most of our competitors have a screw style raising on the 4 corners of the lift. This is a nightmare to maintain.
- Lift-Table is separate of the machine frame
  - This assures that the bumping and shaking that occurs during the infeed cycle does not affect the cutting
- Micro-Infeeds are our standard
  - We reliably infeed down to 6.5mm / 1/4" material as a standard
  - The two (2) micro-infeeds measure independently so that an accurate book can be in-fed reliably even though the material may be warped or wavy
- Alignment devices are built into the rear machine roller bed
  - The aligning pressure can be regulated pneumatically
- Light barrier protection of the lift-Table and infeed roller tracks are standard



Questions? Contact us, we're here to help!  
616.698.7500 | [www.stilesmachinery.com](http://www.stilesmachinery.com)

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SAWTEQ B-400 HPL	TECHNICAL DATA
Saw blade projection	125 mm (4.9")
Cutting length	3800 mm (149.61")
Clamps	7
Air tables	Three 2160 mm x 800 mm (85" x 31.5")
Program fence speed	Reverse up to 90 m/min (295 fpm) / forwards 25 m/min
Saw carriage speed	Up to 150 m/min (492 fpm) forward and reverse
Main saw motor	28 kW (37.8 HP)
Lifting Unit - stack height	Floor mounted: 560 mm (22.04") Pit Mounted: 780 mm (30.70")
Lifting Capacity	3800 mm x 1600 mm (149.61"x63")
Voltage	480 volts/3 phase/60 hz
Scoring saw motor	2.2 kW (3 HP)
Main saw blade	450 mm x 4.8 mm x 60 mm
Scoring saw blade	180 mm x 4.8-5.65 mm x 45 mm
Operating software	CADmatic 5/ PowerTouch
Monitor	21" TFT flat touch screen monitor

## PROVEN TECHNOLOGY

- Rigid Machine Bed**  
 No flexing which eliminates poor cut quality  
 Competitors typically have a center leg to compensate for a weak machine bed
- Monorail Saw Carriage**  
 Balanced saw carriage that closely supports the saw blades  
 This close distance allows the cutting blades to remain perfectly aligned under extreme cutting pressures
- Igus Energy Chain and Cabling Saw Carriage and Program Fence**  
 The Energy chain and cabling are perfect matched to the machine design to ensure that longevity of the conductors  
 Some competitors use a serpentine style carrier, or a lesser quality energy chain and cabling. This results in fatigue to the conductors within the cabling system, and therefore ultimately cause electrical issues
- Pressure Beam**  
 Engineered to not only apply pressure along the length of the part, but also making the best use of extraction to capture as much dust as possible
- Central Side Pressure Device**  
 Faster cycle times than the other with the overhead pneumatic cylinders  
 Contact pressure is variable by a digital adjustment on the screen
- UL Certified Electrical Cabinet and Components**  
 Most competition are not UL and leave it up to the customer to get certification on their own  
 Typically a \$5,000 minimum charge per machine
- Power Lock arbors to secure the Main and Scoring Saw Blades**  
 Strong clamping of the blades to handle extreme cutting pressures

## POWER TOUCH WITH CAD 5

- High Definition Display with graphics to guide the operator through the cutting sequence
- MMR Basic is in the controller tracking maintenance schedule and parts cut
- User friendly programming from simple fixed position though the most complex patterns
- Parameters are set to use the ideal saw blade projection and saw carriage speed control relative to the book height (Cruise Control)
- Tapio Ready so the customer can use Machine Board to monitor that status of their machines on their mobile device
- Touch Screen with swipe technology to transition between screens
- Online downloading is included with the machine to transfer files from CutRite or IntelliDivide
- If using the optional label printing feature, the labeling software allows the customer to fully customize a label to their application
- Tool Management



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