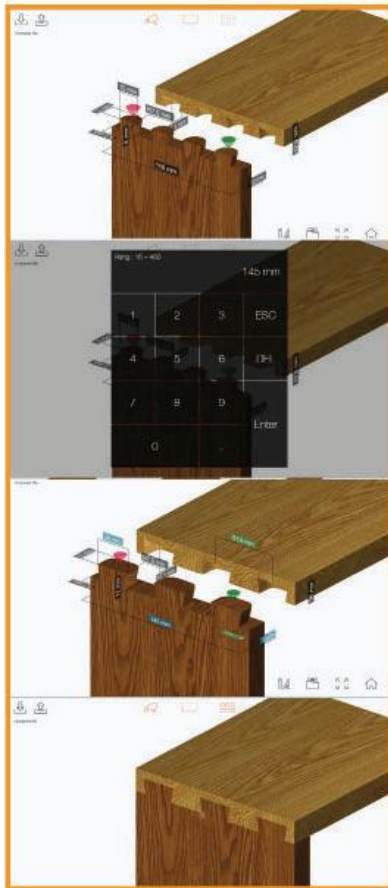


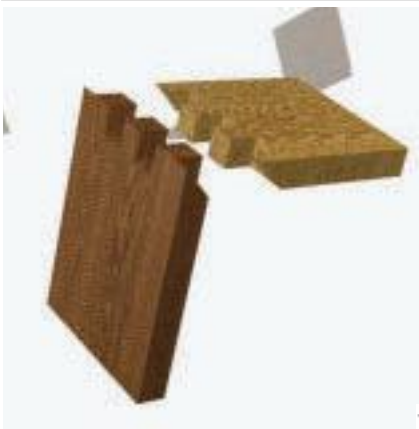
Machine Features



- 10.1" High sensitivity touch screen interface with smart phone functionality.
- 3D Interface uses the same touch sensitive actions as your smart phone, such as Tap / Double Tap / Swipe / Pinch / Zoom.

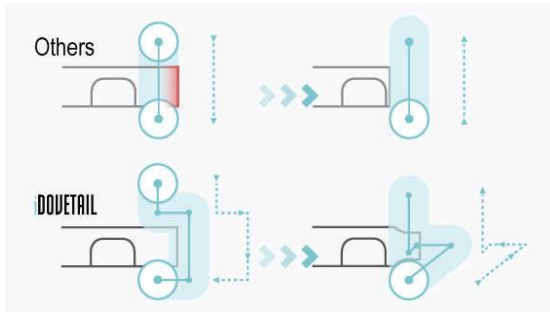


- Simply pick 1 of 8 profiles, touch the dimension you want to change, enter new dimension and review the drawing to verify profile design.
- Real time 3-Dimensional design interface, produces 3D rendering immediately upon single dimensional change.
- Real time 3D rendering allows for quick custom design layout on the fly.
- System will check bit dimensions prior to operation to confirm proper bit is installed for the selected profile.
- Reduces costly operator training and errors frequently had with manual calculations.

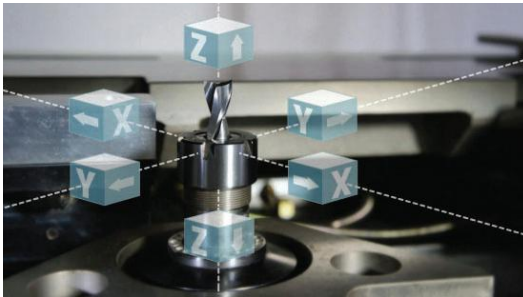


- Clamp system tilts to 45° for angled clamping for mode 7 and 8 mitered profiles.
- The iDovetail is the only dovetailer in the world that can make a mitered dovetail joint.

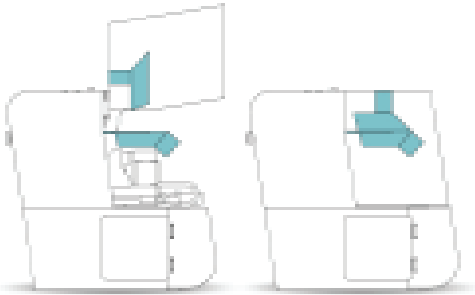
Machine Features



- System will automatically calculate cutting path to prevent blowout, even on custom profiles.
- Blow out free cycle can be turned on/off.
- Unlike other dovetailer's blow out prevention mode, the idovetail calculates the blow out sensitive areas and changes entry and exit points as well as slows speed down in these areas.



- X-Y-Z Servo positioning is all controlled through idovetail interface.



- The separated dust hood design allows you to change the tool without removing the dust hood.
- Oversized and fully enclosed dust hood captures dust from varying trajectories on any profiles.
- This hinged access allows for ample room for a bit change while providing exceptional dust control.



- (2) Auto retracting positioning shelves mounted on dual linear shafts ensure a precise part position.

Machine Features



- Central pump lubrication system keeps slide wear points easily lubricated.



- Regulator, filter and primary shut off value for easy pneumatic connection.



- Both horizontal part clamps are bi-directionally powered for quicker part change.
- Clamps are tiltable for mitered profiles.



- Both vertical part clamps are bi-directionally powered for quicker part change.

Machine Features



- Pneumatic lines and electrical wiring are encased in industrial cable track.



- ER25 chuck dovetail bit included.

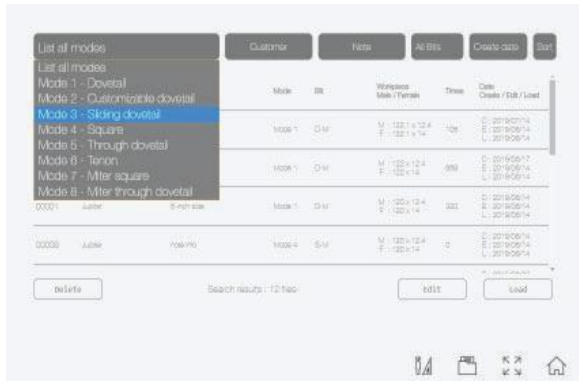


- All electrics are installed in dust proof cabinets for dust free operations and protected inside the body of the dovetailer.
- Electrical cabinet pulls out side of machine frame for full access to electrical trouble shooting.

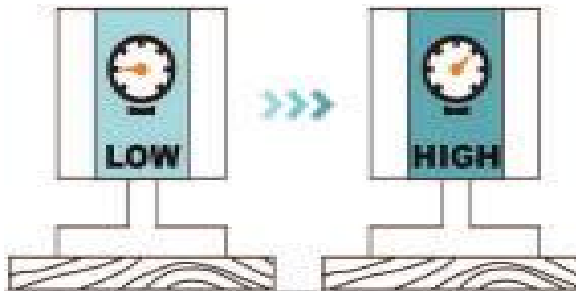


- Outside the touchscreen only (4) physical buttons for a streamline operation; Emergency stop and clamp operation buttons.

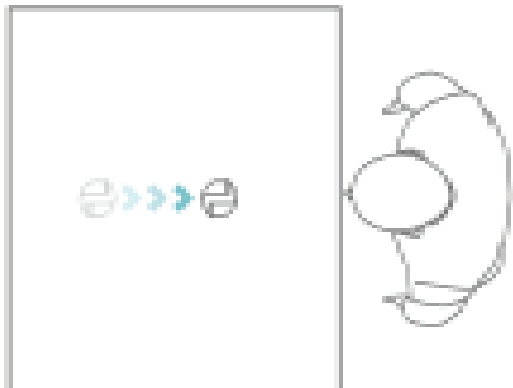
Machine Features



- Windows based file storage allow operator to easily find saved profiles through sorting and search capabilities that most operators are already familiar with.



- Two stage pneumatic holddowns securely hold parts with a low pressure for added operator safety while placing parts in machine.
- Directly before cycle start, pressure is automatically increased to securely hold parts during processing.



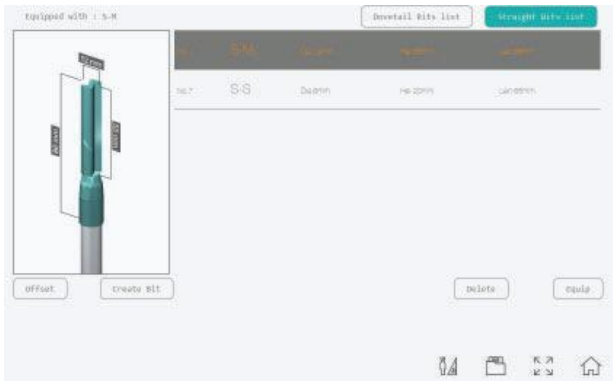
Easy Tool Change

- Upon opening rear access hood, the spindle will automatically move to the position closest to you for an easy and quicker bit change.



- 90/45 degree rotating clamp support for mitered profiles.

Machine Features



- When you change or create a new bit, you can see it in the visual file.
- This 3D bit rendering makes it easy to enter new bit dimensions.
- Once a profile is selected, system will measure installed bit to confirm proper bit is installed.



- Programs allow for profile specific RPM and feed systems.

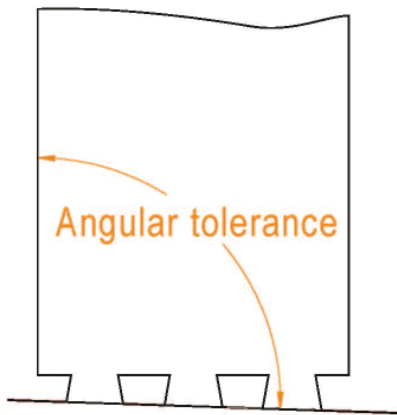


- Windows based operating system gives operator navigation comfort.
- Operational log allows factory technicians trouble shooting capability preventing onsite tech visits.

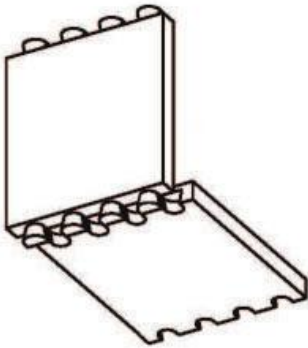


- Fence is calculated by iDovetail's program and automatically moves fences into the correct position.
- Vertical fences are fixed.

Machine Features

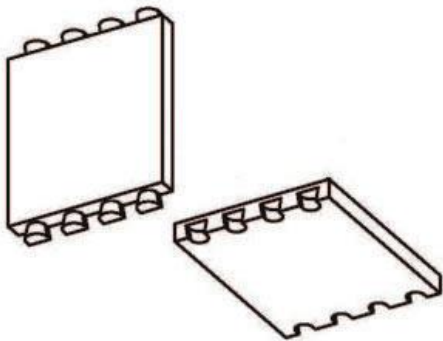


- True 90° is very important for drawers and frames.
- If you cannot ensure that your workpiece is a true 90° cut, you can easily solve it by using the bottom cut mode.
- When selected, the bottom will be resquared by cutting 1mm (.04") before cutting tenons.

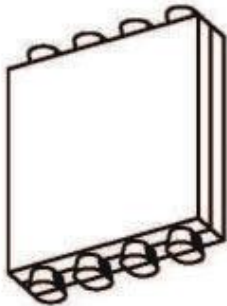


- The iDovetail offers the most versatile loading options eliminating the need to move fences in 6 different profile modes.

- Simultaneous cutting of female and male tenons.

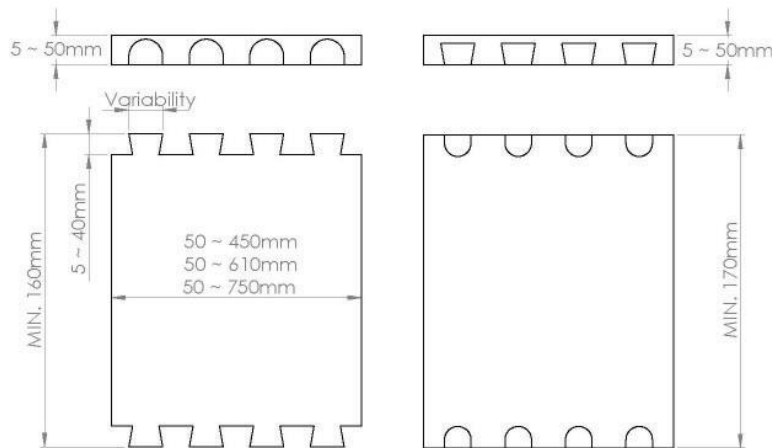


- Independent part cutting.



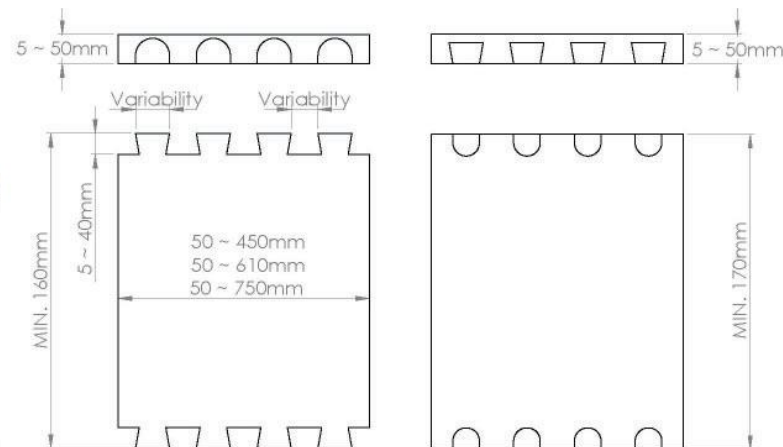
- Back-to-back cutting of male tenons.

7 Different Profile Modes with iDovetail



Mode 1: Standard Dovetail

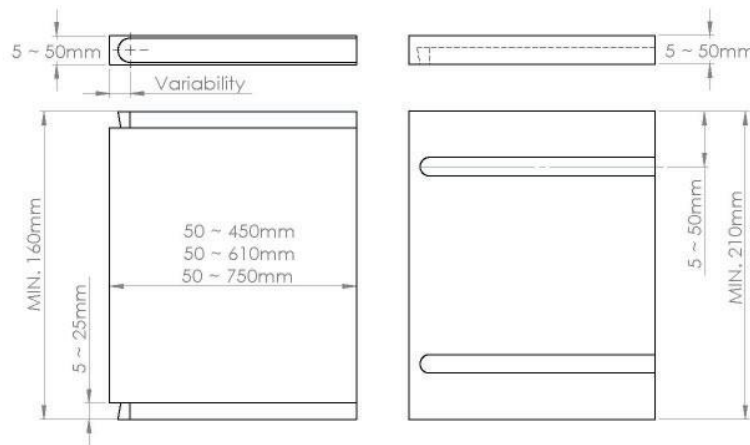
- The fixed pitch dovetail profile mode allows for male tenon adjustments.



Mode 2: Customizable Dovetail

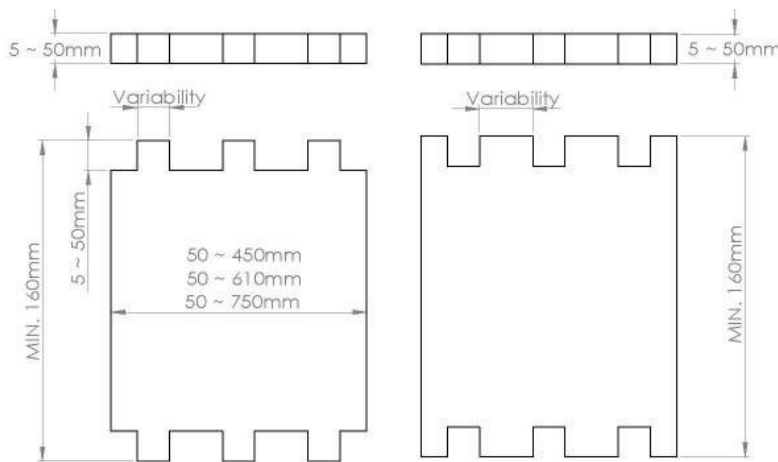
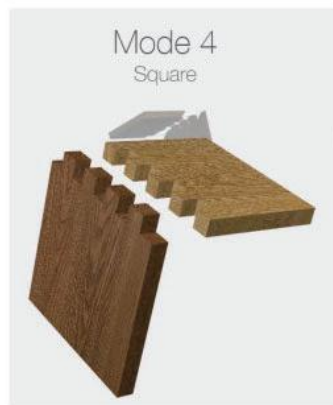
- The custom pitch dovetail profile mode allows for female and male tenon adjustments.

7 Different Profile Modes with iDovetail



Mode 3: Sliding Dovetail

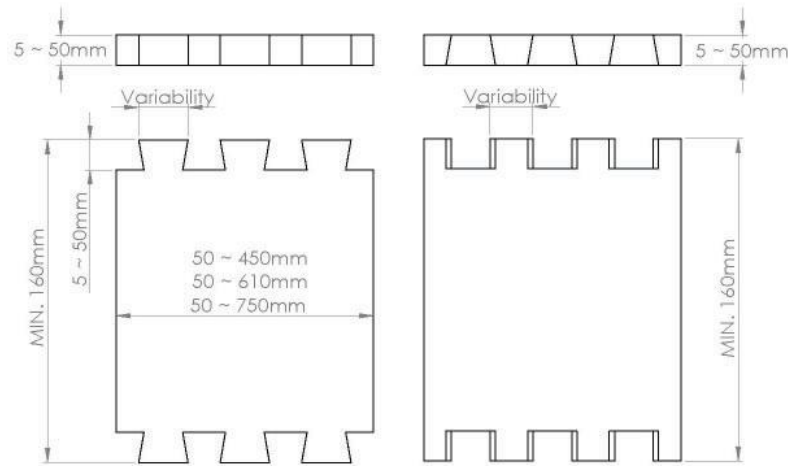
- The sliding dovetail profile mode has multidimensional adjustment capability.



Mode 4: Square Mortise and Tenon

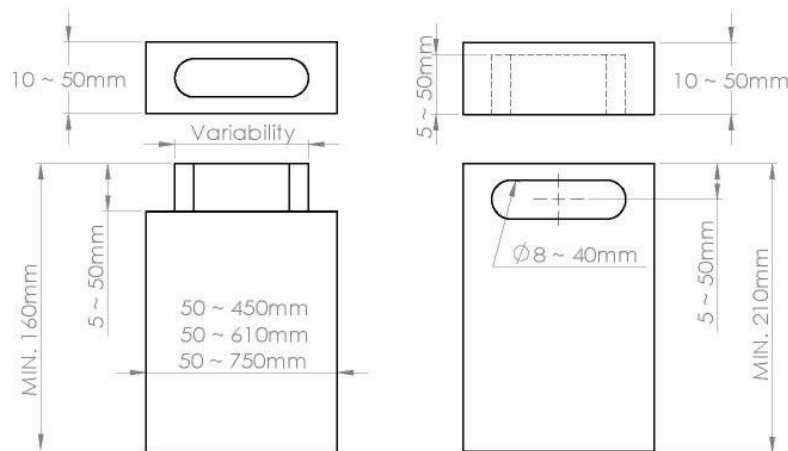
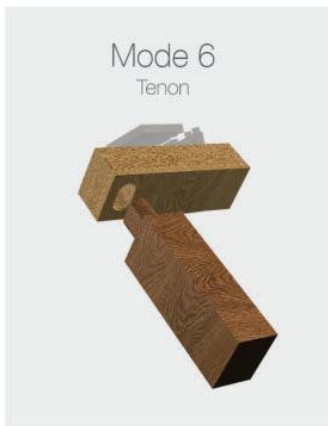
- The customizable square mortise and tenon profile mode has female and male tenon multidimensional adjustments.

7 Different Profile Modes with iDovetail



Mode 5: Tapered Dovetail

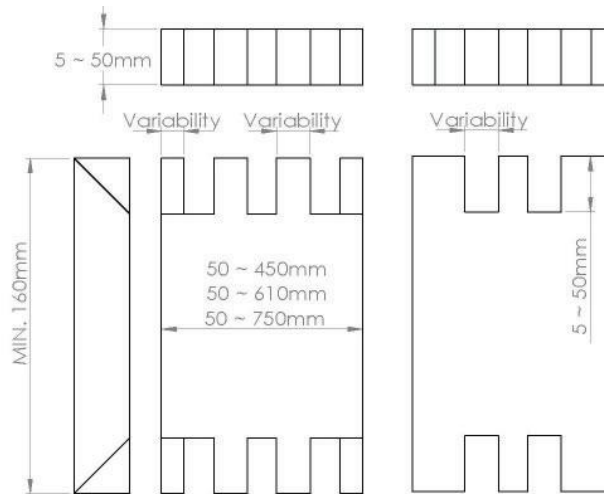
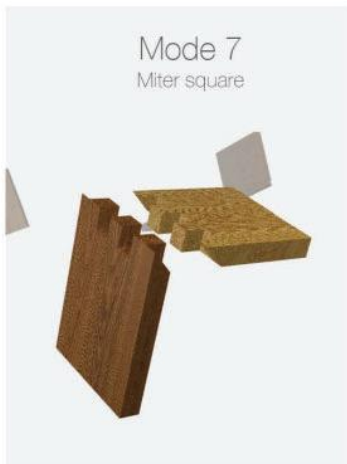
- The tapered dovetail profile mode has multidimensional adjustments.



Mode 6: Mortise and Tenon

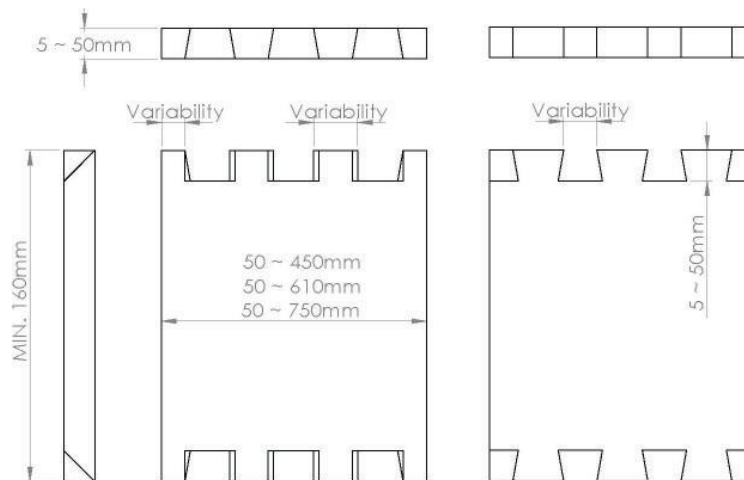
- The mortise and tenon profile mode has female and male tenon multidimensional adjustments.

7 Different Profile Modes with iDovetail



Mode 7: Mitered Square Mortise & Tenon

- The mitered square mortise and tenon profile mode has female and male tenon multidimensional adjustments.



Mode 8: Mitered Tapered Dovetail

- The mitered tapered dovetail profile mode has multidimensional female and male tenon adjustments.