

INTRODUCING THE iDOVETAIL

WE LEARN ABOUT THE UNIQUE FEATURES OF THE iDOVETAIL, KNOWN AS 'THE EASIEST DOVETAIL MACHINE IN THE WORLD'

The iDovetail is a new machine that is designed to reduce staff training time and the correction time when changing a workpiece. The remarkable thing about it is that anyone can operate this machine, it is as easy to use as a mobile phone or a printer! Here we will explore some of the machine's key features.

OVERVIEW

The settings for making a dovetail profile are usually very tricky. You have different shapes, but also different wood thicknesses and widths. All these variants make it very difficult to set up a normal dovetailing machine. This is often done by a professional who has been used to adjusting the machine for years, but even then, it is very difficult when you need a change of model, or other wood type and thickness.

A furniture maker knows that this is very difficult and spends a lot of time calculating. They have to make readjustments every time, for example, the width of the wood or the model of the dovetail changes.

With the iDovetail that is all a thing of the past. You can easily enter your wood dimensions and the desired dovetail on the screen, and you can see in real time what is happening and what it looks like in your wood choice.

This makes it extremely easy for the operator to set up the machine. In fact, the machine itself does it all automatically. You don't have to make complicated settings or have long-term knowledge.



If you can operate a smartphone, you can also work with the iDovetail.

AN EASY TO USE INTERFACE

iDovetail designs the processing dimensions of each type of joint into a real-time model, so that you can directly see your finished product in the process of your input. The model changes when you enter any size.

This technology gives you a very clean operating space, so you can complete all the design on the same screen. Using a real-time model like this means you can

master your finished product 100% in the design stage.

SPINDLE

In the design process, you can easily change the height of the dovetail because the iDovetail has a three-axis servo structure that will automatically reach the required bit height when you start cutting. This can greatly reduce your tuning time when you change the size of workpieces.





The iDovetail is also equipped with bit recognition capabilities, so it knows which bit you are currently installing therefore you have no chance to cause damage by accidentally installing the wrong bit.

MULTIPLE FUNCTIONS

The iDovetail supports six commonly used joint types, each of which can be freely modified. With a 45° flip structure, you can easily cut mitre joints.

ANTI-TEARING

As you know, it is not difficult to cut a joint. The difficult part is not tearing the joint during processing. The number of processing paths for iDovetail to prevent tearing is more than three times that of the processing of the joint. Its makers designed processing paths for pre-cuts in full-contour trimming. This unique pre-cut function gives your joint the best protection before you start processing.

SAFETY

The iDovetail's clamp has a two-stage pressure design. When you are placing wood, the clamp is only clamped at a low pressure of 2kg/cm, which is automatically converted to 7kg/cm when ready for cutting. This is fully automatic and you do not need to perform additional switching actions.

TOUCH

The unobstructed 3D interface is



operated using the gestures you are familiar with from your smartphone: Tap/Double Tap/Swipe/Pinch/Zoom.

MANAGE YOUR FILES

Storing a huge number of digital files is not a problem – you can quickly find your files through a simple filter.

VISUAL BITS

When you change/create a new bit, you can clearly see it in the visual.

DUST EXHAUST HOOD

The separate dust hood design allows you to change the tool without removing the dust hood. The dust hood is divided into half when the back cover is opened, making it very unobtrusive.

EASY BIT CHANGE

A bit change is a simple process of pressing one button to raise the back cover, then the spindle will automatically move to the position closest to you to let you change the bit, just like replacing a printer ink clip.

MINIMALIST DESIGN

In addition to the emergency stop button, the entire machine has only three physical buttons. iDovetail has complete operational tips during your operation, and the design is so intuitive that it can be learned very quickly.



FURTHER INFORMATION

Rehomy from the Netherlands is the European importer of this unique machine from Taiwan. The first iDovetail is already in operation in the UK and potential customers are very welcome to see this machine live working.

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