CNC SMARTBENCH 1.3 PRECISION PRO ROUTER 21324 BY YETI

SKU	Option	Part #	Price
93499		SB1.3PP (21324)	$16830

Model	
Type	CNC Bench Router
SKU	93499
Part Number	SB1.3PP (21324)
Brand	Yeti
Technical - Main	
Power Source	230-240V 50Hz (Single Phase)
Dimensions	
Product Length	2740 mm
Product Width	1650 mm
Product Height	1350 mm
Product Weight (Net Weight)	105 kg
Country of Origin	
Manufactured in	United Kingdom
Packaging + Shipping	
Shipping Weight (Gross)	105.0 kg

The Precision Pro, our flag ship large format CNC Router is the one for anyone who requires a higher degree of performance and accuracy from a CNC.
With all the excellent features of the SmartBench Precision, the Precision Pro comes with real time spindle load display giving you access to all the cutting information you need whilst running a job, an additional Lead screw to improve rigidity in the Z Axis, and a laser X/Y datum which makes setting a job start point quick and incredibly accurate.
Combined with ShapeCutter our new console based cutting app, you have an intuitive and powerful tool at your fingertips allowing you to start creating like never before.
For those new to CNC, ShapeCutter has a walk-through job wizard making getting started a simple process.
Features:
SmartBench PrecisionPro – Model Specific Features
ZHead V3
230V 1000W Spindle
Digital speed control
Auto Tool Stop if spindle is in constant overload
Real time spindle load display
Precision ER16 collet – max 10mm shank
Dual Z Axis Lead Screws for additional ridgidity
Laser X/Y Datum set point system
Can accommodate up to a 10 amp extraction system
ShapeCutter
Easy to use step by step set-up wizard walks you through your cut.
Navigation tabs allow you to navigate through the set up tasks.

10 different geometry types to choose from.
Save your tool/job profile for a quick job turn around.
Prompts and hints on process.
Compatible with both inches and millimeters.

Ease of use
Intuitive touch screen control.
Wi-Fi (2.4GHz Network only)/USB connectivity for simple file transfer.
Z Probe for fast, easy and accurate setting.
Extraction system for clean operation.
Pack up and store away in 3 minutes.
Easy and quick calibration app ensures your SmartBench is always in tip top condition.

Improve efficiency
Autonomous cutting – Working with you. SmartBench gets the job done whilst allowing you to get on with other tasks.
Fast setup – plan your job on the touch screen, set your materials and press go.
Astonishing job time – SmartBench can perform multiple cutting operations, dramatically improving your job time.

Portable
SmartBench fits into a SWB van.
Sections have been made to be handled by one person.
Nothing more required to start producing standard shapes than SmartBench and a router bit.
Set up on site within 3 minutes.
Height adjustable feet makes light work of setting up on un-even surfaces.

Big capabilities
Process up to 2500mm (98.43") x 1250mm (49.2") sheets edge to edge.
Use SmartBench in feed-through mode and process any length of work surface.

Multi materials
Softwood and hardwood timber sections up to 150mm thick.
Timber based composite boards
Composite worksurfaces
Polycarbonate, Acrylic and other forms of plastic

Quality and accuracy assured
Accuracy of +/-0.5mm or better
CE certified
Remote software upgrades means you get the benefit of our ever increasing library of cutting apps

Safety in mind
E Stop
Interupt bars along the x axis
Cutter door open cut out switch

What else do you need?

CAD/CAM software
In order to get cutting, you'll need to use your own CAD/CAM software to design and create your projects. We recommend Vectric software or Autodesk's Fusion 360 to model and CAM process your files. Fusion is free to makers, education and small businesses.
Other G Code generating CAD/CAM packages can be used.

Router bits
Standard router bits can be used to fit the router head

Extraction
You will need to provide an extraction unit to attach our standard hose to, and then plug the power supply into the

on/off socket provided.