



JacksTech 2024

Wednesday 14th – Friday 16th August
19 Allens Rd, East Tamaki, AUCKLAND



Machines that mean business
0800 522 577 | www.jacks.co.nz





KDT 2 Series

Heavy duty: 8mm thick steel base and gantry. Total machine weight 2500kg.

Powerful: 9kW (12HP) main spindle and 1.5kW servo motors on X, Y & Z axes.

Accurate: Encoders on all servo motors with feedback to the CNC controller to ensure accuracy.

Compact: 6m x 4m space requirement while remaining fully CE compliant.

Modular: Fully prepared to add automatic labelling unit, loading and unloading units.



Starting from \$65,000 + GST

KDT 6-Sided Drilling & Routing

Maximise the versatility in your workshop to meet the demands of modern design while increasing productivity and simplifying cabinet assembly.

Comprehensive machining: Drill and rout on all six sides of a workpiece in one seamless process.

Efficient workflow: No setup required between workpieces. Simply scan and feed.

Enhanced accuracy: Improve precision and eliminate the risk of errors caused by workpiece repositioning.

High-Speed processing: Enjoy extremely fast processing with material movement speeds up to 140m/min.

Variety of options: Choose from 14 different models to best suit your needs.



KDT 3 Series

With over 20 installations from the Far North to the Deep South, the 3 Series is quickly becoming New Zealand's most popular range of nesting CNCs.

Building on all the benefits of the 2 Series, the 3 Series is even faster and more powerful, while also quite possibly delivering the best dust removal system on a nesting CNC.



All models standard with CE compliant safety system.

SCALE • AUTOMATION • STANDARDISATION



KE-395J 45° Bevel Edgebander

Create finger-pull profiles with the KE-395J 45° Bevel Edgebander. This sophisticated edgebander streamlines production, delivering consistent high-quality results. Forget panel saws, manually applying edge tape and trimming. The KE-395J creates 45° banded edges from a raw square edge in a single pass.



KE-706 Edgebander Range

Bonding solutions: Compatible with EVA and PUR glue as well as Laser.

Automatic: Positioning of all units from the control panel.

Versatile tooling: Equipped with multi-profile 1mm & 2mm radii tooling.

Fast: Impressive feed speeds up to 24m/min.

Robust: Designed for heavy-duty industrial edgebanding.



KE-706 GBSUT Laser 3.0

Zero glueline: A seamless joint between face and edge material.

Strong bond: Outstanding connection between laser tape and board.

Instant: Immediately ready for use with no warm-up and warm-down cycle times.

Energy efficient: Requires less power than alternative solutions with no need for large volumes of compressed air.

Starting from \$90,000 + GST



3kW rectangular laser unit specifically designed for processing laser tape.



PHD 5-Axis CNC Solution

Pre-Hung Door



Pre-Hung Door (PHD) Solution from Jacks

A comprehensive turnkey package for the production of Pre-Hung Doors, including:

PHD Operator interface: Tailored for New Zealand's PHD industry.

5-Axis CNC machining centre: From the Felder Group's Premium Format-4 range.

Unique customised CNC door jamb clamps.

Dedicated tooling package.

Offsite pre-installation training: Comprehensive software and machine operation training.

Delivery and installation.

Onsite training: Familiarisation, production training and onsite handover.

Advanced training: Enabling operators to add and create their own hardware library.

Service and maintenance kit.



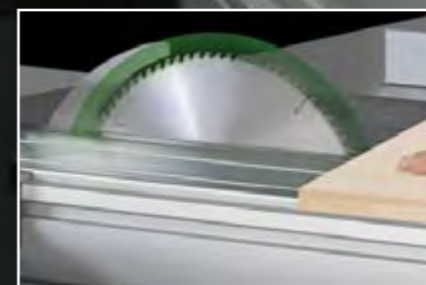
SAFETY FIRST!

WORLD INNOVATION: PCS®

Prevent accidents on a Panel Saw with the revolutionary Preventive Contact System (PCS)



*Guarding removed for publicity purposes



PCS detects hazards before contact with the saw blade.



PCS eliminates the hazardous situation in milliseconds.



PCS is ready to be used again at the push of a button.



FELDER®

perfection in woodworking

Felder Structura Brushing Machine

Elevate your craftsmanship with the Felder Structura Brushing Machine. Designed to accentuate grain structure and create unique finishes on solid timber and veneers, the Structura offers exceptional versatility.

Customisable finishes: Equipped with 2 brushing aggregates, the Structura allows you to achieve customised finishes with optional variable brushing speeds and an oscillating feature.

Flexible workpiece capacity: Process workpieces up to 1200mm wide and from 3 to 250mm thick, accommodating a variety of sizes and applications.



Felder F900M Spindle Moulder

The F900M Spindle Moulder offers quick and easy set-up, versatility and safety.

Power-Drive adjustments: Quick and accurate spindle height and angle adjustments with the "Power-Drive" system.

Spindle hood adjustment: Felder quick-set and fine adjustment feature for quick and precise spindle hood positioning.

Safe operation: Modern day features such as the Aigner Integral-A safety bar guides and a rearward tilting spindle for enhanced safety.

Quick-Change spindle system: Felder quick-change spindle system for maximum versatility and user comfort, allowing the use of spindles with different bore sizes.

Easy-Glide guides: Maintenance-free tilting segment "Easy-Glide" guides with a 6-year guarantee.



SILENT POWER

Enjoy the benefits of a Silent-Power® cutterblock

Tear-free results: The unique design of the Silent-Power® cutterblock virtually eliminates sanding and achieves near flawless, tear-free planing and thickening results.

Silent-Power® is also exceptionally quiet with noise emissions reduced by more than half compared with standard straight knife cutterblocks.



Felder A951L Surface Planer

Enjoy working with a modern, well designed 510mm wide Surface Planer.

- Parallelogram planer fence adjustment system.
- Long, solid cast iron 2700mm planer tables.
- Capable of removing up to 8mm of stock in a single pass



Format-4 exact 63 Thicknesser

Experience the best of the best with the powerful, heavy duty 630mm wide Thicknesser.

- Automatic thickening table height adjustment with Digi-Drive with accuracy to 0.1mm
- Variable feed speed from 5 – 20m/min
- Thickening depths from 3 – 300mm
- Capable of removing up to 10mm of stock in a single pass



Format-4 dual 51 Planer Thicknesser

Get the best of both worlds with this compact 510mm wide Planer Thicknesser combination machine.

- Quick & easy changeover in seconds between planing and thickening.
- Automatic thickening table height adjustment with Power-Drive with accuracy to 0.1mm.
- Parallelogram planer fence adjustment system.



PEANUTS by Intelligent Fixings

Self-clamping, incredibly strong furniture connectors.



PEANUT connectors simplify and speed up furniture assembly.

Automated CNC machining with advanced software including:

Cabinet Vision, Microvellum and Mozaik.



- Self-clamping, completely invisible connector - Peanut 2 & 3
- Ideal for nesting CNCs - Peanut 1
- Quick and simple furniture assembly
- Creates an incredibly strong joint
- Ability to re-assemble many times
- Packs flat when pre-inserted
- Economical



PEANUT CONNECTORS

quick, easy & hidden

Recently the team at Commercial Joinery in Wellington assembled lecterns using alternative connectors, which required a handheld biscuit jointer to cut the slots. While effective, this method was time-consuming.

Always looking for greater efficiency, Commercial Joinery decided to try Peanut connectors. Using Mozaik software, they designed the lecterns and integrated Peanut connectors as the connection hardware. The keyhole slots for the Peanut connectors and corresponding holes were then cut using their CNC machine, fully automating the process.

The results were impressive. "It used to take us a day to make a lectern" explains Adam Marshall,

Cabinetry Manager at Commercial Joinery. "With Peanut connectors, we can produce four lecterns a day. Not only are Peanut connectors more efficient, but they are also less than half the price of the connectors we were using before, and offer greater strength."

Looking ahead, Adam sees more opportunities for using Peanut connectors in upcoming projects. "We have a job coming up using colour board for the carcass. The Peanut connectors will allow us to completely hide the connectors," he says. Adam can also see opportunities using Peanut connectors for larger units, which can be disassembled for transport and quickly reassembled on-site with just a rubber mallet.



OMAL PT23 Peanut Drilling and Insertion NC Machine

Streamline your cabinet assembly with the OMAL PT23 and Peanut connectors. Simply rout the keyhole slots with your nesting CNC and use the OMAL PT23 to automatically drill and insert the Peanut connectors. Assembly is a breeze - just use a rubber mallet to fit the cabinet parts together.

Quick, easy, and efficient!



OMAL
Machines and Systems

OPTICUT C 50+ AND C 700+

UNDERTABLE CROSS-CUT SAWS FOR MORE PRODUCTIVITY AND SAFETY.

Discover the power and precision of WEINIG Cross-Cut Saws

WEINIG's manual cross-cut saws blend power with safety, offering a solution with unparalleled functional design and versatility. These robust machines not only handle solid wood and panels but are also very capable cutting materials like plastic, aluminum, and composites - whether in bulk packs or individual parts. With no tunnel guards in the way, you can bring material directly to the machine for extremely convenient jobbing operations.

At the core of WEINIG's offerings are two models from the C-series, each tailored to meet diverse needs:

- **OptiCut C 50+**: Ideal for smaller workpieces with a cutting width of up to 300 mm.
- **OptiCut C 700+**: Designed for larger workpieces, accommodating cutting widths of up to 750 mm.

Both models offer a spectrum of customisation options, ensuring they can be finely tuned to suit specific project requirements. This versatility guarantees that every project begins with the utmost precision and efficiency.



STRONG FEATURES FOR MAXIMUM SAFETY AND EFFICIENCY.



EASYSTOP

AUTOMATIC POSITIONING:

FASTER, MORE COMFORTABLY,

AND WITH GREATER PRECISION



NO MATTER THE MACHINE THE EASYSTOP IS THE PERFECT MATCH.

You've never cut, drilled, or milled so efficiently! With the EasyStop, any recurring process is seamlessly automated.

Embrace automation and benefit from the extensive functionality, efficiency and accuracy of the automatic EasyStop positioning system. It offers you more than just moving material to the next position.



But wait - there's more!

It's the small things that make a difference

Panhans Circular Saw Feeder

Make ripping timber safer and faster with consistent results
Weighing an impressive 30kg with a 2HP three-phase motor, the Panhans Circular Saw Feeder 76 is made for industrial use.

Equipped with an adjustable mounting profile, 3 feed rollers, and 2 feed speeds, it allows quick adjustment to a maximum workpiece height of 80mm. An 80mm extraction port promotes dust-free work.



Virutex PEB Zeroline Edgebander

Compact and portable Laser Tape Edgebanding with ZeroLine® technology.

Using laser tape and hot air, no glue is required, eliminating the glue line and ensuring an excellent bond between the panel and the tape, resulting in high-quality edgebanding.

Extremely versatile, the Virutex PEB Zeroline Edgebander can edge straight, round, shaped, and bevelled panels, making it very practical for low-volume edgebanding or as a complement to industrial laser tape edgebanders.



Tormek

Keep your workshop tools sharp with a Tormek wetstone grinder.

Tormek original wetstone grinders sharpen all qualities of steel, including HSS. They feature a number of unique details, such as instant stone locking with EzyLock, water trough with lift and a removable magnet scraper for efficient cleaning.



Mafell Dual Dowler DDF40

Mafell's Duo-Dowler is the most precise portable dowel system on the market.

The DDF40 features a modern ergonomic design and a flat baseplate, allowing the work table and workpieces to serve as a reference fence for quick and precise work.

Smart accessories included with the DDF40 make it a versatile, multi-purpose machine right out of the box. With a variety of stops and fences available, you will rarely need to use a template or mark out your work.



Mafell Trench Saw MT55

The Mafell MT55 plunge saw offers exceptional precision, ergonomics, and power.

Unlike traditional saws, its blade is contained within the tool, exposed only when plunged into the material. This ensures safety and is ideal for straight cuts on guide rails over long distances.

Powered by a 1,400-watt CUprex motor, delivering consistent performance on long cuts. Its unique central clamping system locks the baseplate onto guiding rails with just one screw.



Blum will be onsite to answer all your questions with regards to REVEGO pocket door and HKi flap door systems. See first hand how these systems can be integrated into your product range from design through to machining and assembly.



REVEGO pocket door



HKi flap door



Masterpiece Woodwork Ltd

Come and meet Grace - an incredible bike made almost entirely from wood, designed and created by **Daniel Strekier, Masterpiece Woodwork Ltd.**



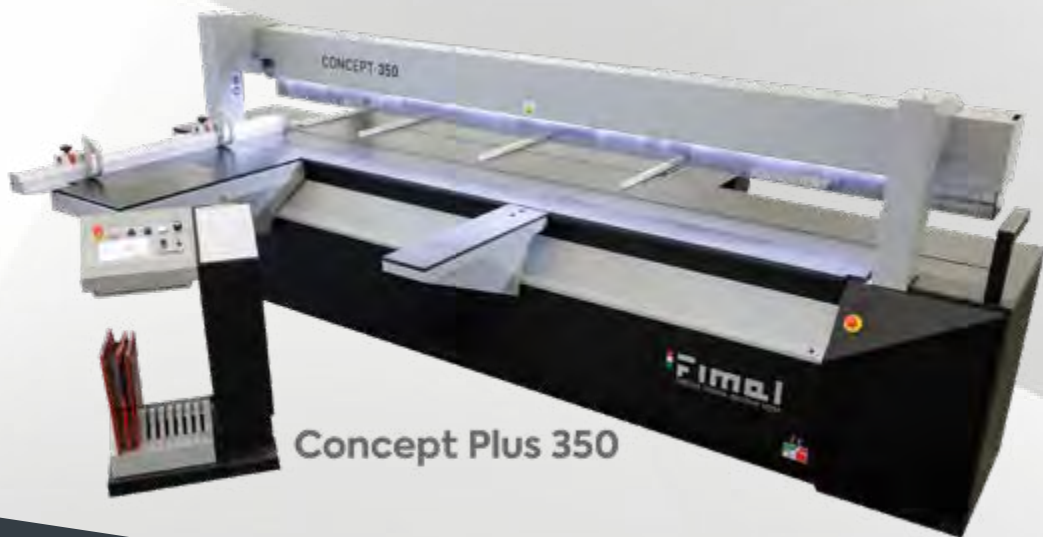
Piranha Tools will be bringing a selection of tools for carpentry and fine woodworking such as Gyokucho Japanese handsaws, Two Cherries chisels, Pica markers, Famag forstner bits and plug cutters, Rali handplanes and many more. As the exclusive NZ agent of a wide range of high quality tools, you will be in the best place to see these in person, and purchase directly from Gaston.



Gaston Monge-Grassi

Combining the versatility of a Panel Saw with the benefits of a Beamsaw

- High quality clean cuts with guaranteed repeatable accuracy
- Large ergonomic support area for easy handling of large sheets
- Extremely safe with blade completely enclosed during the cutting process
- Small operating footprint - less than $\frac{2}{3}$ of a panel saw
- High productivity - cut multiple sheets simultaneously
- Blade tilt to 46° for mitre & compound mitre cuts and grooves for panels and solid timber



Onsite industry experts

Join us at JacksTech 2024 where industry experts will be onsite to share their knowledge and insights. Don't miss this opportunity to learn from the best and stay ahead in our industry.

Cabinet Vision

Blum

Ducts R Us

Microvellum

Enko

Kantek

Mozaik

Hutchco

Laminex

PRO100

Rehau

**Robertson &
Sinclair**