

RELAX

Innovative Australian made machinery that will increase production, improve safety and enhance your business.

WHY VEKTA?

WITH VEKTA YOU CAN RELAX

THE VEKTA DIFFERENCE

Vekta is committed to creating innovative products which will maximise safety, improve production and help your business grow.

Size and versatility

Vekta Razer saws are designed specifically for the Truss and Frame industry. Both the V5 and S5 Razer saw modules take up just 2.1m². In comparison, all other saws on the market are larger, some more than four times the size. In a factory, floor space and how it is used is important, with the Razer saws you don't need to look at Real Estate to automate.

Support and service

When you chose a linear saw, you are also choosing the technical support you want to receive. At Vekta, customer service and technical support are the highest priority- everything else comes second. Vekta offers support 24/7 from the actual software developers and engineers of the machine. All Razer saws include a battery powered camera system which allows an operator to show a remotely connected engineer what the problem is in real time. From offering electrical or mechanical drawings, remote log-in or even sending someone to site, Vekta guarantees to fix the problem and get you cutting again with the shortest downtime possible.

Smart investment

Vekta sincerely believes the Razer saw is the best linear saw on the market. However a key difference Vekta provides is our pursuit for excellence. What does this mean for our customers? Machinery is continuously being developed and improved with all changes available to existing customers. Vekta also focuses on enhancing and adding new features and benefits to our software. New versions are released every four to six months and are available to all existing customers. Vekta is also committed to developing new-to-market products such as the P3 printer, specifically for the Truss and Frame industry, specifically for your business.

BUT DON'T JUST TAKE OUR WORD FOR IT:

“In terms of accuracy, reliability and support the Razer V5s have met all of our expectations.”

David Hoare,
Trussmaster

BUT DON'T JUST TAKE OUR WORD FOR IT:

“I would not hesitate in recommending Vekta and its products and services to other Truss Plants looking to upgrade their technology and enhance their production.”

Gursel (Jerry) Djemil,
Daecon Trusses Pty Ltd



VEKTA SOLUTIONS: AUSTRALIAN MADE

Vekta is proudly Australian owned and made. This offers a number of significant benefits for our customers.

Technical support from the actual engineers and software developers of the machinery – not just a sales representative. In other words – your language and your time zone – we are open when you are.

With extensive spares on the shelf in our warehouse, **parts can be sent out the day you need them.** Reduce your down time and get back to work sooner.

Installation and training are a high priority – Vekta guarantees a follow up trip three months after the installation of your Razer. When you invest in Australia and Vekta, we invest in you.



OUR CORE VALUES

From engineering and design to the manufacturing of products and building relationships, Vekta upholds these core values.

SAFETY

From design to engineering, manufacturing, install and training- safety supersedes everything at Vekta.

EXCELLENCE

At Vekta, we are continuously striving for excellence in our engineering, manufacturing, software and customer relations.

TECHNOLOGY

Vekta is highly adaptable and we pride ourselves on providing innovative technological solutions that are customised for each individual business and their unique needs.

CUSTOMER FOCUS

From buying, installation, training and technical support Vekta focuses on the customer- their needs, their requirements, their satisfaction.

RAZER V5

RELAX, IT WILL UP YOUR PRODUCTION

With maximum safety, improved production, greater accuracy and the flexibility to suit your space requirements, the Vekta Razer V5 allows you to automate and relax.

The Vekta Razer V5 can be configured to run in either a left-to-right or right-to-left material flow configuration. Combined with the industries smallest footprint the saw can be dropped into just about any available space. In addition, the Razer can have any combination of manual or automated material handling systems, dust extraction and extended waste conveyors allowing the saw to be fully customised to meet your exact budget, layout and operational needs.

The Razer has the unique ability to maneuver its blade in complete universal angular freedom about the timber and can produce virtually any single or multiple cut component required for truss and frame manufacturing. The fully enclosed cutting chamber incorporates a clear front door with an electrically operated locking device for maximum visibility and safety.

BUT DON'T JUST TAKE OUR WORD FOR IT:

“The Razer saw has saved more than 5 wages and given us a 20% increase in manufacturing output.”

**Craig Ferguson,
Gold Coast Timbers and Trusses**



VEKTA SOLUTIONS: MULTIPLE CONFIGURATIONS

Fully automated or manual material handling options. Configurations of left-to-right (bottom) or right-to-left (top). Size of the infeed and outfeed systems can be customised for your space requirements.



THE VITAL STATS

- › Birdsmouth cuts without overcutting
- › Trenching and drilling
- › Single and multiple bevel cuts up to 67 degrees (45 degrees on 45mm thick timber)
- › Undercuts (Courtesy cuts) on the bottom face of bottom plates at the door way openings
- › Capable of stacking boards on top of one another or side-by-side
- › Infinitely long scarfs and ripping
- › Four/ five cut members less than 100mm in length
- › Angle cuts from 0 to 180 degrees

BUT DON'T JUST TAKE OUR WORD FOR IT:

“ We needed our linear saws to be accurate, reliable, fast, and easy to use. Responsive and timely support from the manufacturer was a prime consideration. Once we'd decided on the Razer V5, the install and training by the Vekta team was very positive... Since then, Vekta have provided us with 24-hour support as needed. ”

David Hoare, Trussmaster



RAZER S5

RELAX, WE'VE CUT THE COST, NOT THE QUALITY

The Razer S5 has been designed with the medium to smaller truss plant in mind. Why pay for features or capacity you don't need? Relax, the Vekta Razer S5 is your answer.

In the Vekta Razer S5, some of the less common features of the V5 have been eliminated, resulting in a savings of around 25%. The saw has similar production capacity of the V5 and the same small footprint. The S5 is also compatible with all of the V5 options including infeed and outfeed material handling and the P3 printer.

THE VITAL STATS

- Optional 45 degree bevel angles
- Optional ability to stack boards on top of one another or side by side
- Birdsmouth cutting (with over/under cutting)
- Taper cutting (with over/under cutting)
- Infinitely long scarfs and ripping
- Floor truss members
- Four/ five cut members less than 100mm in length



**Razer S5 with
manual infeed and
manual outfeed**

BUT DON'T JUST TAKE OUR WORD FOR IT:

“ We had heard really good things about the new Razer saws. After making the decision to purchase one, we engaged with Ed and the team at Vekta.

The whole experience from purchasing, install and training was professional and first class. The Razer S5 itself is A grade and we would not hesitate to buy another when the time comes. I'm more than happy to recommend the new Razer S5 to anyone looking to automate. ”

**Andrew Clements,
General Manager, AAA Truss**



VEKTA SOLUTIONS: INNOVATION AND TECHNOLOGY

BUT DON'T JUST TAKE OUR WORD FOR IT:

“ We initially decided on the S5 as we wanted a one-man operation, a saw with a small footprint, a high production rate and with room for expansion. The S5 ticks all the boxes! The Razer saw has turned out to be much more than I had anticipated, exceeding our expectations in safety, speed, accuracy and reliability. ”

Philip Males, Managing Director,
Riverstone Frame & Truss Pty Ltd

Waste Handling

There are several options for handling waste with the Razer saws. One popular version is a low profile, extended waste conveyor module where waste is brought away from the saw and dropped into a standard bin. The extended waste conveyor is fully integrated into the saw and only runs when required saving you electricity and time.

Surge Protection

Vekta's surge protection kit offers a significant level of protection to the entire machine. Included are two levels of protection- the first is designed to handle large significant power surges (caused by lightning). The second filters out small transient spikes. The kit also monitors the quality of power supply coming in. If a problem is detected, the machine notifies the operator and takes steps to prevent damage to the Razer.

Timber Verification Kit

This kit enables the saw to automatically verify the width of each piece of timber before making the first cut. The kit is designed to assist in catching operator loading errors on the infeed system early enough to make the problem rectifiable quickly and easily. Correcting problems later can be costly and time consuming.

VEKTA P3

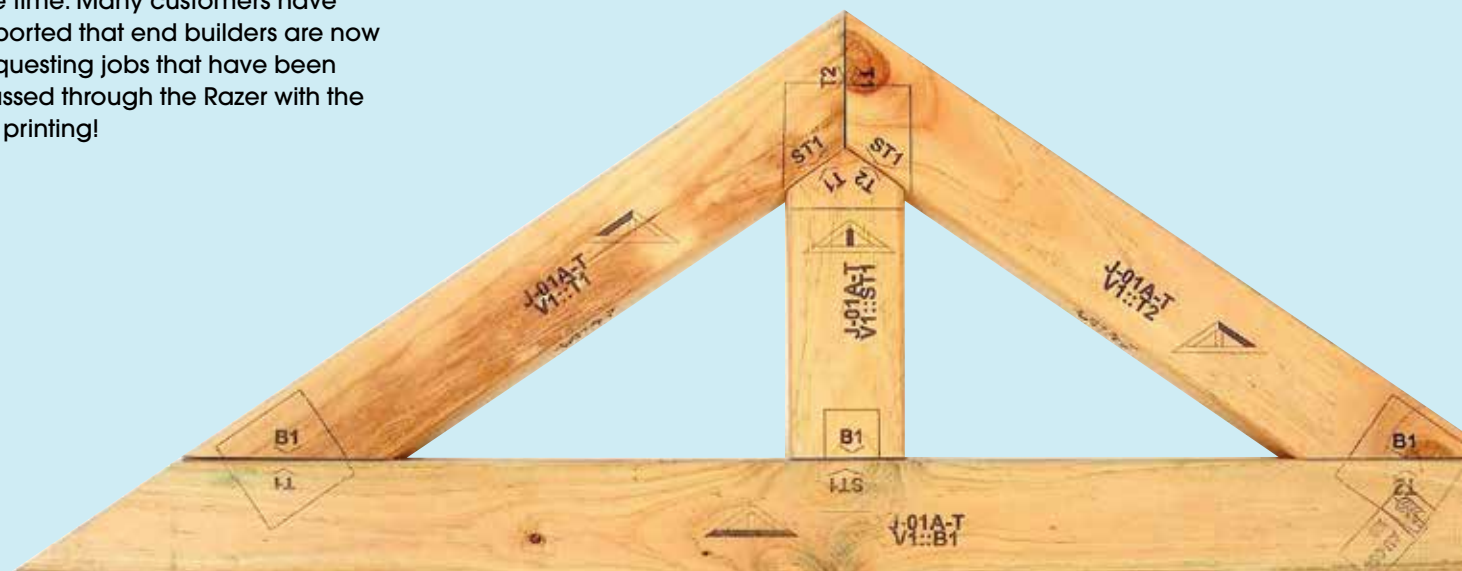
RELAX, THE CHOICE IS YOURS

Printing that is accurate, high quality, includes all the information you want and does not slow down your saw- with the Vekta P3 you can relax, printing has never been easier.

The Vekta P3 has been designed specifically for the needs of the Truss and Frame industry. The printer has the potential to print any information that you require. Vekta's use of technology and quest for excellence also means that the P3 is continuously undergoing development with new information being added all the time. Many customers have reported that end builders are now requesting jobs that have been passed through the Razer with the P3 printing!

THE VITAL STATS

- Real time high resolution printing (300dpi) without the need to slow down the saw
- Information printed directly onto the components to help in the assembly of trusses and frames as well as benefiting builders on site.
 - Nail plate locations and orientations
 - Camber detail
 - Orientation marks for quick positioning of components
 - Stud types and lengths
 - Opening sizes
 - Panel junction marks
 - And much more!
- Company name, details and logo
- Capability to specify the information and format to be printed on any given type and/ or length of member (including short members)- customised to what you need to print
- Prints on two faces of the timber
- Printed information on the bottom board can be different to the top board allowing unique identification marks to be printed on each stacked member
- Easy to maintain and clean
- Low cost consumables





BUT DON'T JUST TAKE OUR WORD FOR IT:

“The Razer saw has given the business improvements that we will see far into the future. The printing options on the members has endless opportunities. Being able to print on the edge as well as the flat is a very impressive feature. Along with the performance of the saw, it is reassuring to have an impressive business partner in Ed and his team. It gives you so much confidence that issues get resolved quickly and with no fuss. We are enjoying every aspect of the saw whether it is the speed, accuracy or safety. All add up to a great investment.”

Dean Kidd, Group Truss and Frame Product Manager, Dahlsens

VEKTA SOLUTIONS: INNOVATIVE ACCESSORIES

No matter the size of your plant, Vekta can create a solution that is just right for you.

Vekta AIT- Automatic Infeed Table

The Vekta AIT is the latest infeed material handling option. Simply load timber into the AIT and the system takes care of the rest. The AIT ensures a high level of production is achieved by minimising your Razers down time.

Vekta Follower

The follower is an enhancement to the AIT. It is designed to improve accuracy and at the same time reducing on-going maintenance costs. The follower is included in all AIT's

Vekta OFK- Outfeed Kickoff System

The OFK incorporates a conveyor belt and a pneumatically actuated push-off arm to ensure the saw runs continuously. Vekta also has options available including multiple kick off systems.

At Vekta, we realise that every plant operates differently and has its own, unique set of requirements. As a result, we have ensured that the entire P3 print system is fully customisable, allowing you to print exactly what you want – no more and no less.

TECHNICAL SUPPORT

RELAX, WE'VE GOT YOU COVERED

Vekta understands that a Linear Saw becomes an essential part of a Truss and Frame Plant. If a saw is down- production, deadlines and reputation can also suffer. At Vekta nothing takes a higher priority than a customer with a technical problem- NOTHING! With a Vekta Razer, you can relax because your technical support is covered!

THE VITAL STATS

- More than \$500,000 in spare parts held in Perth, with additional parts located around Australia and New Zealand with suppliers and technicians.
- Parts are dispatched on the same day, tracked and the customer is given regular updates.
- Remote access support available at all times- 24/7
- All Vekta Razers include a battery powered, remotely viewable camera. The operator can show the Engineer exactly what the problem is in real time.
- Trained technicians available throughout Australia and New Zealand.
- All issues are overseen by the Vekta Engineering team based in Perth.

VEKTA SOLUTIONS: 24/7 SUPPORT

Technical difficulties?

Vekta will help
ANYTIME- 24 hours,
7 days a week by
Engineers who actually
design and build the
machines!

BUT DON'T JUST TAKE OUR WORD FOR IT:

“The Razer offered all the cutting fundamentals we were looking for, using proven optimisation software, on a manageable footprint – and all at an affordable price point... Most importantly, we knew there was an essential advantage in having an Australian manufactured and engineered product should issues occur ... Training, support and communication with Vekta has exceeded all our expectations, with both management and operators very impressed.”

Mark Footer, Footersville Structural Timber Solutions.



FLEXIBLE SOFTWARE

RELAX, SOFTWARE THAT'S 'SIMPLE'

At Vekta, we feel an automated machine is worthless without robust, flexible and easy to use software. In striving for excellence, Vekta is continuously improving and developing our software- All customers can receive regular updates with new features and cuts. So you can relax- software is Simple!

Simple has highly flexible optimising algorithms which allow the timber to be cut and sorted in a way that best suits the customer. Timber can be optimised based on either reducing timber waste or cost. Jobs can be optimised at the Razer or an office computer. Timber pick lists can be printed right at the saw- allowing production to be streamlined and efficient.

- **Batch optimise-** The software has the ability to run through hundreds of jobs, saves the results and produces a summary report to assist in making high level optimising decisions. The report demonstrates how changes in settings and the length of timber available will affect cost and waste over a large sample of jobs.
- **On the fly optimise-** Allows a board of an unknown length to be fed into the saw. The saw takes seconds to automatically measure the length of the timber, and optimise members to suit the piece of timber- a great function for using up offcut lengths and random packs of timber.
- **Auto-optimize-** In seconds, Simple optimises a job several times (hundreds) with slightly different settings each time. The solution that best suits the customers requirements (cost or waste) is chosen. The computer does the hard work too save you money.

VEKTA SOLUTIONS: SIMPLE SOFTWARE

- Extremely easy to use with various levels of access and functionality.
- Integrates with factory management systems for all nail plate suppliers
- Detailed reporting on production rates, waste percentages and timber usage



BUT DON'T JUST TAKE OUR WORD FOR IT:

“ In 2012 we were faced with the predicament of buying our third semi-automated saw or changing to a Linear Saw. One concern was efficiency on the factory floor however a bigger issue was the problems we had endured over the years with finding employees who could cut on pre-existing saws with the efficiency and precision that was expected of us.

After numerous site visits around Australia resulting in round table discussions with Ed Serrano of Vekta Automation, it was decided that we would acquire a Razer linear saw.

A few years in and the benefits have exceeded our expectations. Not only from a financial point of view in a number of areas, but we have also “deskilled” our plant as far as requirements for employing workers to cut truss components. Also, the safety aspects in the use of cutting equipment for components is now not an issue.

Suffice to say, both my wife and I sit back today and reflect on what we had put up with over all the years before the purchase of our Vekta Razer S5. We wonder how we ever got this far without it and we look forward to where this will take us in the future. ”

Alan Donagal, Director, Timber Walls and Trusses

BUT DON'T JUST TAKE OUR WORD FOR IT:

“ We are very happy with the productivity gains we are now seeing off the Razer saw and the service provided by Vekta Advanced Automation. Their sense of urgency and willingness to support their product and brand is as good as I have seen along with enjoying the very accessible, solid relationship we have with Managing Director Ed Serrano and his team. ”

**Ted Ackland, Branch Manager,
Dahlsens Shepparton**

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SAFETY | EXCELLENCE | TECHNOLOGY | CUSTOMER FOCUS

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YOU CAN RELAX