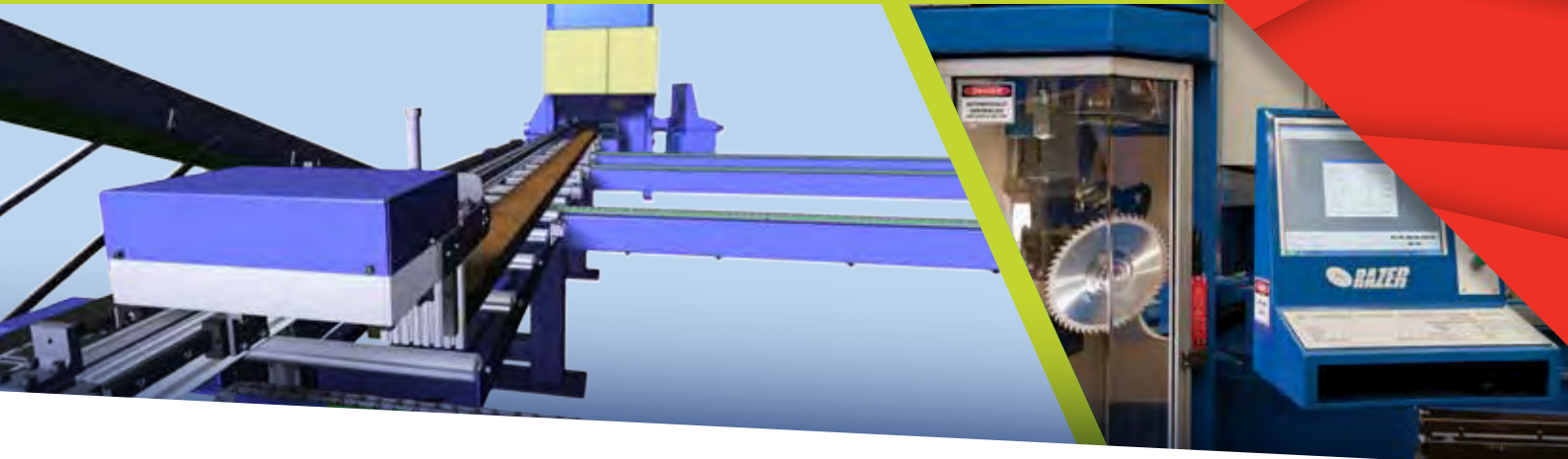


THE TECHNOLOGY ISSUE



ACCURACY OR SPEED - CAN YOU HAVE BOTH?

Have you ever been told - *“You can only achieve high positional accuracy at the expense of speed.”* Or, maybe you heard mention that - *“Long-term accuracy cannot be achieved with a system that uses drive rollers to position the timber. Build-up on the drive rollers will adversely affect the accuracy.”*

Well, Vekta would like to end the debate once and for all - drive rollers, speed and accuracy can mutually exist.

Speed: The Vekta Razer Saws use drive rollers to position the timber. Drive rollers are capable of moving timber faster and can also handle more irregular shaped members when compared to ‘grabber’ systems.

Accuracy: The Vekta Razer Saws have ‘the follower’ - a paddle that runs along a high precision timing belt and is pushed up against the trailing edge of the timber.

But how exactly do they work together?

As the timber is fed through the Razer saw using the drive rollers, the follower ‘follows’ the timber into the saw chamber. By knowing how far the follower moves, using the high precision timing belt, it is known exactly how far the timber has moved. As the timing belt on the follower is used to control the accuracy (similar to the back stop on a semi-automated pull saw), build-up on the drive rollers will not affect accuracy.

The result? Extraordinary long-term accuracy without sacrificing speed or the ability to handle certain member shapes and sizes.

If that isn’t impressive enough, the follower allows each board to be measured before cutting begins - verifying that the correct timber has been loaded. It also allows for on-the-fly optimisation - the actual length of timber fed into the saw is measured and then optimised to cut members that best suit that specific length of timber.

So if you hear that speed, accuracy and drive rollers do not belong in the same sentence - stop listening - Vekta has demonstrated that the three words belong together!

THE TECHNOLOGY ISSUE

2016 - THE YEAR OF INNOVATION!

At Vekta development is on-going for our machinery, business, software and staff.

However in 2016 we are going to take things a step further by focusing on new and innovative products for the market.

Changes at Vekta

2016 - a year of innovation and change.

In January, Vekta re-located into a bigger manufacturing facility.

Our new address is 85 Beringarra Avenue, Malaga WA 6090.

More importantly, we have a new website! Make sure you check it out - www.vekta.com.au

PRIORITY

1

A new entry level saw designed specifically to replace the common, dangerous and in-efficient semi-automated pull saws. The new saw will incorporate Vekta's full featured software, 'Simple' which is currently used on the Vekta Razer Saws – providing flexibility, optimistaion and future growth. The saw will also include material handling systems and printing options – specifically including the Vekta P3 wall frame and truss printer.

The saw will be safe, high speed, accurate and flexible. The best part – all of this will be available at a price which is set to compete with new semi-automated pull-saws!

A new and improved Packfeeding system - taking boards directly from full packs of timber to a saws infeed table automatically. The new system is aimed at addressing key issues with current pack (or bunk) feeding systems on the market. Including, size – the new Packfeeder will be able to hold more bunks in a much smaller footprint. Flipping – it will be able identify bows in boards and flip them accordingly and stacking – the system will also be able to automatically stack. Another main issue with current Packfeeders on the market is loss of production. If they stop the saw does too. The new Packfeeder is being designed specifically to allow a saw to run at full production even if the Packfeeder is down. All this for a target price which again is well below expectations!

PRIORITY

2

Intrigued? Keep an eye on the Vekta website www.vekta.com.au for more information or better yet – give us a call!



THE TECHNOLOGY ISSUE



SIMPLE V8

Simple Version 8 has recently been released and the features are fantastic!

Automatic Job Sequencing

Which allows the operator to queue multiple jobs for cutting. The jobs are organised in an order so that the saw can seamlessly progress from one job to the next without stopping, reducing downtime between jobs.

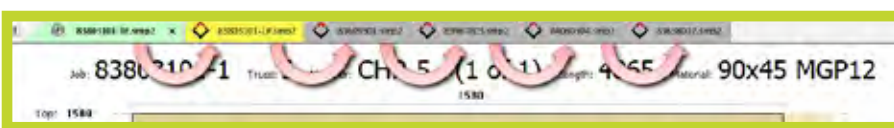
Pre and Post Stacking (Optimisation)

A new optimisation feature to better suit the way the customer wants to use their saw.

- Pre-stack members to increase throughput.
- Post-stack members to conserve on waste.

Batch optimisation

- Optimise multiple files with one click.
- Optionally print the material loading list for each file.
- Export detailed optimisation results to an Excel spreadsheet. This allows the user to tweak optimisation settings and immediately see how it will affect material usage – enabling them to get the best production from their Vekta Razer saw.



Automatic job sequencing in action

VEKTA RESCUE

Simple now integrates with Vekta's new on-line help system! Vekta Rescue aims to give every site the possibility of solving a problem immediately - minimising down time and effects on production.

Vekta Rescue is more than a help system. Features include:

- **Daily/ Weekly/ Monthly Maintenance Schedule**
With links to detailed instructions on how to complete each task.
- **Service Schedule**
Check off list about what needs to be covered in a service and detailed instructions on how to complete tasks.
- **Training section**
Can be used for new employees or as a refresher course when needed.
- **Troubleshooting**
Working in conjunction with the Razer Saw diagnostics- a problem will be identified and options and step-by-step procedures to rectify the problem will be offered to the operator.

With two staff members dedicated to developing Vekta Rescue, changes, improvements and additions are being added daily. Make sure you check out the link from Simple (specific for your Razer) or if you are curious to see what all the fuss about Vekta support is go to www.help.vekta.com.au.



THE TECHNOLOGY ISSUE



WELCOME TO STACKPRO

It is with great pleasure and pride that Vekta can announce the addition of the Stackpro systems to our product line.

The Stackpro systems were originally designed and manufactured by Ross Rayner from Trussquip. For many years, Ross has been an avid businessman and inventor for the Truss and Frame industry and his abilities and talents will be sorely missed. However, for Ross retirement will be a new adventure which we are sure he will enjoy.

The Stackpro comes in two different versions- one for Trusses and one for Frames. They are an ejection and stacking system which allows one operator to safely stack any size truss or frame. The truss version can be fitted to regular pedestal jigs or roller conveyors lines, while the frame version is placed at the end of a framing line.

Information for the Stackpro will be available on the Vekta website shortly. If you require more information in the meantime for an elegant, safe and efficient way to stack your trusses and/or frames please email info@vekta.com.au.

OUR CORE VALUES

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

SAFETY

IT'S TOP OF OUR LIST

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

EXCELLENCE

OUR PRODUCTS LEAD THE WAY

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

TECHNOLOGY

WE'RE ALWAYS INNOVATING

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

WE'VE GOT YOU COVERED

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