THE AUSTRU SHOW 2018

INTRODUCING INTELLIGENT TECHNOLOGY
Unlocking a world of possibilities

www.austro.co.za
HUSQVARNA TAKES CARE OF YOU AND YOUR EQUIPMENT

VISIT WWW.HUSQVARNA.CO.ZA

AXES
Husqvarna provides a wide range of axes for different kinds of work. Forged in Sweden with Swedish axe steel, Husqvarna axes are high quality tools that offer consistent results. Don’t store them in an environment that is too warm as the handle may shrink. Always remove moisture and dirt before putting the axe cover on. If the axe is to be stored for a long time, grease it to prevent rust.

WEDGES
Husqvarna offers a professional range of high quality felling and splitting wedges, made from either tough polyamide, magnesium or steel.

PERSONAL PROTECTIVE CLOTHING
Safety, comfort, modern styling and technology are combined to produce clothes that help you work conveniently and efficiently. Husqvarna offers a wide range of technical gear such as jackets and trousers, saw protection gloves and safety boots.
Editor's Note........................................................................................................2

FORESTRY
Novelquip unveils new automated seedling planter at field day..................................3
Forest engineering summer school spots filling fast..............................................4
Forestry industry training indaba not to be missed..............................................4
Versatile logistics for logs.................................................................................6
New logistics solution for single log tracking.....................................................8
Reach for the Blue Sky Young Researchers and Innovation Award.....................9
Exhibitors urged to register early for AGFO Expo 2018.......................................10
Japan meeting focuses on biotechnology, climate change and tree breeding for construction..................................................12

SAW MILLING
Growing demand for SA designed grinding machine with world-first features........14
WoodEx for Africa – above and beyond..........................................................16
Rhino bandsaw mills makes a big entry at WoodEx 2018....................................18
Introducing the high-tech split stopper for logs and sawn lumber........................20
A cut above: Harris launches new circular saw blade range at WoodEx.................22
Hottec upholds culture of innovation and growth at WoodEx for Africa.................25
Wood-Mizer introduces secondary processing range............................................27
Reduce drying costs per cubic metre with Termolegno.......................................28
Nukor focuses on maximum value adding..........................................................31
Treated timber must be used for all components of a timber deck.........................32
Lonza applauds IRG49 as a valuable global networking platform.........................34
Norwood a hit at Austro show.........................................................................36

WOODWORKING
New horizons and innovation take centre stage at Austro show............................38
Austro launches new online applications.........................................................40
Joining forces.................................................................................................42
Biesse steals the show at Austro.....................................................................45
Intermac makes a splash at Austro show........................................................48
PVC and Aluminum processing at Austro with Kaban......................................49
Leitz keep it sharp at Austro show................................................................50
Ekamant celebrates 90 years with launch of new Blue product range...............52
Technipaint showcases new Elvathane range at Austro.................................54
VT showcases new Wall Press at Austro Show............................................56
Solid Doors leads the way with SATAS accreditation........................................58
FOMA Southern Africa gets the thumbs up at WoodEx for Africa......................60
Lunawood makes its debut at WoodEx for Africa............................................62
No lack in innovation with Pearlman’s new Lacklaminate PET boards..............64
CMC Group shows expanded ranges at WoodEx for Africa............................66
Geerlings cover all the bases.........................................................................68
REM flies high at WoodEx for Africa............................................................70
Interbuild Africa celebrates its 50th birthday with a bumper event........................72
ITC-SA to host CPD-accredited timber conference at Interbuild Afric.................72
Message from the Editor

By Joy Crane

Reinventing the sector

The middle of the year is usually the time for the annual slump in the forestry sector. The market slows down and output has to drop, often leading to some factories working half time. It seems, however, that there is now a positive spin on the cycle and this year it has been a busy time for the forestry sector value chain, and the Wood SA Team has enjoyed the opportunity to meet old friends and make new ones while working hard and long hours to keep up.

The holding of various wood processing and related industries exhibitions in the same month, and many in the same week, all targeting the same industries is an indication of the interest in new technologies, thirst for knowledge and the need for opportunities to meet like-minded people. Attendance was good all round and the presence of representatives from international technology suppliers at the events once again emphasises the important role South Africa can play in providing access to markets in southern Africa.

The impact of the fourth industrial revolution, which is increasingly shaping the face of manufacturing is impacting on all aspects of business, including the print media. The debate about whether a company should only have a website and a social media presence on Facebook and Instagram rather than provide clients with “hard copy” information is an ongoing and at times emotional one. For me, the fact that suppliers and manufacturers of products pay a lot of money to participate in trade shows where they can interact with people and hand out business cards, brochures and manuals – and magazines - that are taken away and paged through, referred to and physically passed on to others means that there is still a role for print media, albeit a changing one.

Speaking of change

During a recent interview, Dr Brand Wessels of the University of Stellenbosch pointed out that South Africa constructs less than one percent of its residential houses from wood, compared to countries such as the USA and Canada where more than 95% of residential structures are built from wood. Roof trusses is the only significant wood product category in South Africa where wood is the preferred material choice. Unlike a growing international trend, no tall wood buildings have been erected here.

There are two questions that are usually asked, is wood a realistic building material for South Africa, and is the wood resource large enough to sustain a significant share in the construction market? Dr Wessels says recent modelling studies show that we will be able to construct up to 20% of residential housing in locally produced wood-based materials.

It will require significant changes in wood resource use in South Africa. From exporting large volumes of wooden chips to Asia, as is currently the case, to producing building materials from those tree resources. There are several economic and technical challenges to make it a reality, but it is possible.

Wood buildings can be a significant part of the climate change mitigation strategy in South Africa. And who knows, maybe we could even construct a tall wood building, like Brock Commons in Canada, here in South Africa?

Rolling forward

Scientists all over world are turning to wood as an alternative research material. In an article on Woodworking Network by Robert Dalheim, he writes that French tyre giant Michelin says its wood-based tyres could be ready for the road in less than two years.

Michelin hopes to slowly wean itself off oil, and it believes wood chips are a perfect alternative. Approximately 80% of the materials in a standard car tyre come from the oil industry. Using waste from the wood industry, the company will derive elastomers (flexible polymers) from the waste and place them into tyres. Michelin believes this could allow producers worldwide to have local sources for their tyre materials, instead of relying on oil producers.
The new locally designed and manufactured ProPlant 1 (PP1) mechanical single planting head machine was launched by Novelquip Forestry (NQF) at a successful field day held at MTO’s Bergplaas plantation near George.

The machine cultivates the spot for planting, does a pre-emergent spot spray, plants the seedling, adds water or gel at the desired volume, adds fertiliser at two spots at the desired quantity, and firms up the seedling to the desired level. The onboard electronic control system records shift data and can email it to the forest manager.

The operator uses a joystick or touchscreen to activate the planting process. This makes the machine easy to operate and ergonomically well designed because it allows the operator to work in an environment supportive of high productivity and little fatigue. All measurements and data logging are activated automatically.

Dr Jaap Steenkamp, CEO of NQF explains that the planting method eliminates air pockets, which removes one of the main causes of seedling mortality and prevents J-roots. Irrigation for the seedling trays is available on the planting head to keep transplant shock to an absolute minimum.

The PP1 is a tracked machine that weighs six tonnes and exerts low ground pressure and little soil disturbance. It is designed to plant two rows at a time, further reducing overall soil densification and its negative effects on tree yield.

Jaap says spot cultivation is superior to line cultivation as root growth is promoted in all lateral directions. The tine design prevents glazing and there are no restrictions for excellent root growth, downward and lateral. The tines and centre auger ensure a good soil tilth and breaking up of hard and rocky soils.

“Spot cultivation consumes less energy than line or continuous cultivation as up to 82% less soil is disturbed and only the soil required, 18% of the continuous line, is cultivated. Erosion is also vastly reduced due to spot cultivation,” he explains.

“Spot planting with the PP1 can be described as a green operation when compared with any other current method of mechanised planting.”

The design and operations engineer, Helgaard Steenkamp believes the mechanical all soil types planting head is one of the most advanced technologies servicing the silviculture sector.

The PP1 measures the ground level three times for every planting. The first measurement activates the planting head electronics, ground level two controls the quality and completion of the cultivated spot, and ground level three measures the planting depth of the planted seedling and the firming up process.

When the PP1 is fitted with the custom NQF GPS, the stocking per hectare and per seedling is fully controlled and recorded. This allows for easier re-irrigation and other silviculture activities during follow-up operations.

“This modern piece of equipment, with electronically controlled and seamless adjustment of every aspect of the planting process provides operations managers with the ideal starting point for forest management,” comments Jaap.
Don’t miss the opportunity to participate in the International Forest Engineering Summer School that focusses on the holistic management of all forestry related aspects of harvesting, road and timber transport. It is aimed at high potential forest managers, contractors, researchers, academics, and staff employed by equipment manufacturers, from all over the world.

This is the third annual international summer school and will be held between 19 November and 7 December 2018 at Carmel Estate overlooking Victoria Bay on the outskirts of George.

The course is run by international industry experts, CMO and is the perfect combination of knowledge and practical competencies to boost the careers of young professionals with some exposure to aspects of forest engineering. More experienced practitioners and young graduates are guaranteed to also gain from attending the programme.

The summer school has been revised to include improvements based on comments from previous participants, such as:

• Technology-based solutions where every delegate will be issued with a tablet loaded with software that will be used throughout the course
• Semi-mechanised and motor manual operations.

CMO requests all delegates to arrive on Sunday 18 November because the action starts promptly on 19 November. The course fee includes all presentations, excursions, accommodation, meals, stationery, tablets and airport transfers, but excludes transport to George.

---

The Forest Industries Training Providers’ Association (FITPA) and the South African Forestry Contractors Association (SAFCA) have announced the dates for the 7th Forestry Industry Training Indaba.

The daylong event will be held on 5 October in Pietermaritzburg and the conference theme is “Modernization: Is the Rotation Complete?”.

For more information contact Nicky Naidoo at nicky@safca.co.za.
The lightest, toughest, timber tamer from STIHL

Reduced weight, increased power, easy handling, resilience and remarkable acceleration. The MS 462 is STIHL’s latest chainsaw that offers all this in one impressive 70cm³ cubic capacity class, weighing less than 7.5kg when fitted with 30” guidebar and chain. The MS 462 is well-equipped for extreme loads and harvesting large timber as it has a significantly improved torque build-up thanks to its new economical 2-MIX engine technology. Tested under extreme conditions, this is an outstanding professional chainsaw for the forestry sector.

Like any superior item, STIHL products are only available at specialised dealers nationwide, for expert advice and matchless after-sales service.

www.stihl.co.za
The international trade in illegal logs is a threat to all forest owners and the use of high tech barcoded identification tags is the simplest and most cost-effective way to monitor the movement of logs nationally and internationally.

Alternative Structures is the local supplier of the Signumat system of log identification tags, which are designed and manufactured by the Austrian company, Latschbacher.

Signumat’s identification tags are made from hot-dipped galvanised sheet steel or special plastic. The tags are available with curved prongs for end grain wood, short prongs for grain-cut timber without bark, and long prongs for fixation in the bark.

**Barcodes**

The barcode is lasered onto the high-performance plastic tag that is adapted for each application. In Southern Africa the recommended barcode tag for saw logs and sawmills with scanning systems is white printed on a black tag because it offers the best contrast and is ideal for use with automatic scanners. Currently 2D codes like QR-Code and Data Matrix Code, are getting more and more common.

Latschbacher also supplies the rugged WinforstPro Mobile Nautiz X9, Nautiz 10X and Algiz 10X portable barcode scanners. These are versatile field companions complete with phone, camera, Bluetooth, gps, data connectivity and forestry related software and are designed to work in all environmental conditions.

Philip Boardman, director of Alternative Structures, explains that there is a wider range of specialised tags available for the paper and pulp industry, and a galvanised metal tag for the marking of ship masts. “What is so special about the plastic tags is that there is no need to remove the tags from the logs destined for pulp, board and paper manufacturing. The plastic dissolves during processing without any harmful residue,” says Boardman.

For veneer mills the tags the company produces a resistance product line that can withstand the heating process and are available in different sizes and designs.

Signumat’s non-barcoded forestry line up of tags consists of four types of plastic tags with sequential numbering up to 999,999 in the first line. The basic tag only has the unique number on it while the rest of the range includes text and the top of the range tag can be stamped with a company logo with up to three colours.
**FORESTRY LINE**

Our Forestry Line plastic tags provide you with clean and fast labelling for all types of wood. The tags are manufactured out of the best plastic with abrasion resistant printing according to your individual requirements. They hold securely to the hammer and reliably in the wood.

**TYPE 01**

- 27/14 x 43 mm with sequential numbering up to 999,999 or single-line text with up to 6 characters
- TYPE 01 tags are the most inexpensive way to permanently label wood.

**TYPE 02**

- 27 x 43 mm with sequential numbering up to 999,999 in the first line and text with up to 7 characters in the second line
- This top-selling tag contains the number and its 7-digit plain text label (name or district number).

**TYPE 03**

- 35 x 43 mm with sequential numbering up to 999,999 in the first line, text with up to 6 characters in the second line and a removable tab
- With this tag you can control stock coming into your factory. The removed control tab can be recorded in the office. The logs coming into the plant are identified as “recorded” due to the missing control tab.

**TYPE 04**

- 35 x 43 mm with sequential numbering up to 999,999 in the first line, text with up to 6 characters in the second line and up to 7 characters in the third line
- or alternatively with sequential numbering up to 999,999 in the first line and a logo with up to 3 colours. You only pay for the logo stamp once, it is held by us ready for your further orders.

---

**SIGNUMAT HAMMER**

- Ball head for level striking of the Signumat tags
- Ergonomic and impact absorbing wooden handle
- Safe handle reinforcement
- Hammer head out of the best forging materials also available with pick or engraving

**SIGNUMAT AUTOMATIC MAGAZINE**

- Safe hammer grip
- Reliable removal of individual Signumat tags (also Type 06)
- Excellent workmanship
- DOUBLE SAFE locking device: no unintentional unlocking of the tag magazine
- Up to 6-combinations

**SIGNUMAT CARRYING BAG**

- Robust plastic
- Light
- Suitable for all types of Signumat tags

---

**CLIPS FOR HIGH GRADE WOOD**

The SIGNUMAT Clips for High Grade Wood protect your valuable timber.

Fixing them early enough reduces the formation of tension cracks and so the Clips reduce the loss of valuable timber caused by cracks.

The Clips for High Grade Wood are made out of a high tensile and impact resistant material. So the applying certainty was improved enormously.

**100 x 10 mm for sawn timber from 30 mm thickness**

- Ball head facilitates plane fixing
- Clip can be fixed at the hammer in any position
- Hammer head is made out of best forging material
- Stroke-absorbing shaft

**100 x 44 mm for log diameter from 20 cm**
Tagging hammer

The objective of tagging the logs is to provide traceability and this would not work if the tags were not permanently attached. "That's the reason why Signumat also developed an ingenious system that securely and permanently attaches the tags," says Boardman.

"Thanks to the forged and shock absorbing Signumat Premium Hammer, it is possible to secure the tags to the wood with only one blow.

The hammer has a clever ball-and-socket joint that always provides a level impact. Simply use the hammer head to remove individual metal or plastic tags from the magazine and knock it into the wood with the hammer."

The standard set of tagging tools comprises the hammer, magazine that carries 40 tags at a time, and the carry bag that can accommodate the tools and 200 extra tags.

Internet-based tracking

An additional system available from Latschbacher is its internet-based logistics system. The Winforstpro platform provides seamless communication between the forest owner, harvesting contractors, transport contractors and the processing plants. The system ensures fast and secure synchronising of data.

It records actual dimensions of individual logs as well as estimated volumes of piles of logs. Maps, documents, and site locations are sent electronically at the push of a button and are immediately available to the driver. Winforstpro uses GPS coordinates and voice navigation to provide the geographical location of the wood, the best route to take and the location of the trucks at any time.

The system provides an overview of the time and quantity of every load and this facilitates shorter lead times. The forms are pre-populated which makes it easier for the driver to produce the delivery note and provides an analysis of the truck per day and per order.■

New logistics solution for single log tracking

The new Global Log Management (GLM) concept from the Austrian manufacturer, Latschbacher, was debuted by Alternative Structures at the recently held WoodEx show in Johannesburg.

Philip Boardman of Alternative Structures says the system is designed to track the location and movement of individual logs. "Directly after felling the log is labelled with one of the GLM tags, which is scanned by a smartphone or a similar input device. The next step is to enter dimensions and data about the log and the supplier into the corresponding GLM-App, where it is saved on a central web-based system."

By scanning the log at every step of the value chain, the database is constantly updated with additional information and this provides a documented and verifiable chain of custody and inventory history for each log.

"The system is affordable and includes the GLM tags and access to the cloud-based system where all the information is stored. Every GLM tag is unique as Latschbacher has assigned each number only once. This makes it possible to track the route and handling of the log from the forest to the processing plant in any country in the world," explains Boardman.

"In addition to that, a special app is offered for local authorities to perform checks at road controls and for processing plant management. When the barcode is scanned the user of the system will see information about the originating location, the destination and the route taken by the log along the way."

With the help of the online platform www-global-log-management.com, it is possible to export data into Microsoft Excel where reports can be generated using graphs and tables. Another advantage is that the platform is continuously improved with each customer input. Due to the central maintenance, each user benefits instantly without paying extra fees for updates, as the licence for using the software is included in the price of the tags.

The GLM is another innovative product from Latschbacher. The company has specialised in providing logistic solutions for the forestry industry for more than 50 years. Currently, the company has 90 employees across nine different branches who are constantly working on new solutions.■
Reach for the Blue Sky Young Researchers and Innovation Award

The International Council of Forests and Paper Associations (ICFPA) invites students and young researchers to submit their work for the Blue Sky Young Researchers and Innovation Award before 31 August 2018.

The Paper Manufacturers Association of South Africa (PAMSA) is co-ordinating the local leg of the competition and urges young forestry and paper research scientists and students to put South African bio-product innovation on the map.

With the world’s attention focused on finding greener solutions and cleaner technologies, the opportunity is ripe for South Africa’s young scientists and engineers. “In the new age of the bio-economy, we want to stimulate competition among students and young researchers under the age of 30 who are doing exciting things with wood, paper and the process waste,” says PAMSA executive director and ICFPA president, Jane Molony.

Only three candidates from around the world will have the chance to travel to Canada in May next year to present their ideas to global CEOs in the forestry and paper industry.

Projects could include a wide range of activities relevant to forest-based science, products using forest-based raw materials, process improvements and other innovations throughout the value chain.

The theme for the 2018-2019 award is centred on disruptive technologies that are revolutionising the future for forest-based products and services. The overarching topic has been divided into two main categories:

• Future generation forestry
• Innovations in wood-based industries

Molony points out that these categories are very broad:

• Future generation forestry could encompass forest tree breeding and bio-technology; precision forestry and measurements and inventory.
• Innovation in wood-based industries could cover the analysis and properties of pulp and paper; facilities, instrument and process control; bio-products and wood chemistry; recycling, de-inking and the environment; timber for construction; and material substitution with wood and recycled paper fibre.

In the lead-up to next year, all countries represented in the ICFPA will hold their own regional round and selection process. PAMSA will receive local applications, carry out a selection process and then nominate up to three candidates to compete internationally. The national finalists will submit a short video clip describing their work.

South African applications are open until 31 August and can be made online at www.thepaperstory.co.za under The Research Story.

After a transparent and objective selection process, the finalists from around the world will have the opportunity to present their projects in front of an audience at the global CEO Roundtable. Travel expenses to Canada and accommodation will be sponsored by the ICFPA.
The Southern African Macadamia Growers Association (SAMAC) has joined forces with the third annual Agriculture and Forestry Expo (AGFO Expo), which will take place at the Casterbridge Lifestyle Centre in White River, Mpumalanga, from 8 to 10 November 2018.

“Over the past two years the AGFO Expo has become renowned as a successful trade platform for the agriculture and forestry industries,” says Joey Lascelles, AGFO Expo Chairperson.

“This year we are proud to join forces with SAMAC, which will host its annual Macadamia Industry Day at the expo on Friday 9 November,” says Lascelles. World renowned plant pathologist from Australia, Dr Andre Drenth, will be the keynote speaker at the event.

Another highlight of this year’s expo is the Fire-Tech day, on Thursday 8 November, which will include demonstrations of and discussions around various fire equipment and products and their uses.

The expo will also include equipment demonstrations and a chainsaw competition, and members of the public can enjoy various competitions, including tug of war, axe chopping, pit saw and boeresport. “Bring the family and relax in our ‘Chill Zone’ beer tent and enjoy a traditional South African braai and entertainment from local bands on Saturday,” says Lascelles.

“The main objective of the expo is to provide a reliable and proven trade platform for the agriculture and forestry sectors to reach their target audiences, and for the event to be fun for the whole family.”

There are a variety of open air and indoor stands available to suit each exhibitor’s needs and exhibitors are encouraged to secure their space early to unlock maximum exposure at the expo.

A comprehensive range of sponsorship opportunities, geared to driving sales and showcasing products and brands before and during the event, are also available.

Sponsors already onboard for AGFO Expo 2018 include Agricollages International (prestige sponsor); Ezigro Seedlings (diamond sponsor); Novon Retail Company (gold sponsor) and Adama, Silvix Forestry, United Forest Products and Agrimotion (silver sponsors).

For more information about AGFO Expo 2018 visit website at www.agfo.co.za or Facebook: @AgfoExpo.
Tel: 0861-sawmill

STREAM
KNIFE & SAW

P.O. Box 2063 Nelspruit 1200
Tel: 013 75 24349 Fax: 013 75 33468
www.sawmilling.com

Barry Collier & Co.
Sawmilling Equipment Suppliers (Pty) Ltd.

Riverside Industrial Park,
Nelspruit, South Africa
Tel: 013 752 4349
Tel: 0861 sawmill
Web: www.sawmilling.com
Forestry

Tall timber buildings were just one of the topics on the agenda at the recent annual meeting of the International Council of Forest & Paper Associations (ICFPA) in Tokyo, Japan. Country representatives discussed global priorities around climate change, tree breeding research and the role of the sector in the bio-economy.

With Tokyo as the host city, delegates examined plans by Sumitomo Forestry to build a 350-metre high hybrid timber skyscraper to mark the company’s 350th anniversary in 2041.

Named W350, the ambitious 70-storey tower will be almost four times higher than the 18-storey Brock Commons student residence in Vancouver, Canada, which currently holds the record for the tallest timber building in the world. The skyscraper has been designed by Sumitomo’s Tsukuba Research Laboratory in collaboration with Tokyo practice Nikken Sekkei. It will be Japan’s tallest building.

The company says it will be a “wood and steel hybrid structure of the right materials in the right places” with a timber to steel ratio of 9:1. It is expected that 185000 cubic metres of wood will be used in its construction. But where will it come from?

“They will grow the trees,” explains ICFPA president and executive director of the Paper Manufacturers Association of South Africa, Jane Molony. “Tree breeding forms an integral part of the W350 project, and Sumitomo envisages a convergence of materials, bio-refinery and tissue culture technologies.”

Green shoots of innovation

“The printing and writing grade paper production and consumption sector continues its downward trend with companies either closing or converting to more profitable grades,” says Molony. “We have seen the death of some grades, but we are now witnessing the emergence of so much that is new that it seems green shoots are everywhere.”

Molony says that Nano-cellulose is being commercially produced in Japan. “We see investment in biofuel in Finland, xylitol being produced from waste streams in South Africa and we have gene editing potentially making the world a safer place by curing disease and providing a valuable tool to produce more from less.”

Biotech boom

“The forest product sector is entering a remarkably exciting era, especially in tree breeding and wood science research and in exploring the use of wood as a renewable, low carbon material in the bio-economy,” comments Molony.
As a sector, we are responding with considerable urgency to the challenges and opportunities we are currently experiencing, and there has been significant development in innovative biotechnologies that facilitate faster, more precise and efficient tree breeding. 

There is increasing pressure to meet demand. Issues such as vulnerability to pests and disease, along with competing uses for natural resources, require accelerated adaptation to climate change effects. There is also a need to improve the quality and quantity of products.

Several interventions are being developed around the world to:
- Increase yields while retaining environmental integrity
- Promote climate adaptation to optimise resource use and increase resistance to pests and diseases
- Limit the growth of invasive tree species outside controlled plantation areas
- Optimise downstream value chains and reduce wastage
- Increase food security
- Educate landowners and wider communities about the benefits of tree planting.

Planted trees find their place

While timber plantations represent only 7% of the planet’s forest area, it provides half of the wood for industrial purposes. There is a global transition towards a bio-based industry that uses renewable materials to replace finite, petroleum-derived products. “The forestry sector is well-placed to serve this transition, not only at research level but also on the ground,” says Molony.

With the formal timber sector employing about 13.7-million workers globally and generating a gross value add of more than USD600-billion each year, it is a key contributor to the economy of many countries. It is also an important contributor to the implementation of the Climate Change Paris Agreement through carbon sequestration while the goods and services provided by forests make significant advances towards the achievement of the UN Sustainable Development Goals.

The ICFPA meeting also heard presentations on health and safety and a chain-of-custody standard for wood and wood products being finalised by the International Organisation for Standardisation.
The CAB 5000-M bandsaw grinder is a South African designed and manufactured machine that incorporates many world-first features that have taken six years to research, develop and refine.

“Our research has been thorough and is based on 25 years of industry experience and sound engineering principles driven by customer feedback,” explains the designer, Fred Beyl of the manufacturer, Rixsaws.

Beyl is passionate about the CAB 5000-M and says it cannot be compared with similar grinding machines because of the many design elements that are unique to the machine. An example is the triple grind cam design that provides a three-stage grinding process, which Beyl says produces a superior grind quality and perfect gullet shape without burning the saw teeth.

The machine has integrated and modular electrical components that makes it easy to change components with results in less downtime during planned maintenance and production disturbances.

It has rigid fluid control that directs and extracts the fluid and vapour downwards into the dual magnet filtration system. Beyl says this increases fluid pump longevity and returns particle-free fluid onto the grinding wheel, which also extends grinding wheel life, and limits fluid loss.

The machine has been built with safety features that includes the uncomplicated clamp release that leaves the operator’s hands free to handle the blade.

• Enclosed canopy with plexiglass window for clear viewing of the working parts without having to open canopy lid.

• The magnetic sensor shutoff. When the blade has completed a full revolution, the machine shuts down allowing safe access to the blade and its inner-workings.

Growing demand for SA designed grinding machine with world-first features
Height adjustment on the CAB 5000-M is done by moving the cam-follower bearings on either side of the clamp.

The blade clamp is easy to operate and this leaves the operator’s hands free to handle the blade.

The machine is compact and versatile and is equipped with arm extensions so that it can accommodate blades up to seven meters long.

Beyl explains that the height adjustment is done by moving the cam-follower bearings on either side of the clamp in increments of plus or minus 1.5mm. This lets it grind blades of up to 65mm x 22mm pitch as standard, while maintaining tooth height in relation to the grinding wheel.

Rixsaws already has 13 CAB 5000-M units working in five countries and Beyl says the feedback from their customers has been very positive. The machine can be installed quickly and is not difficult to use. Operator training is done on-site and customer service and back up is guaranteed.
The WoodEx for Africa expo, held at the Gallagher Convention Centre from 11 to 13 July was once again a resounding success.

From the outdoor Sawmilling section, to the indoor section featuring everything from machine suppliers to tooling manufacturers and suppliers, and everything in between.

Showgoers were spoilt for choice with all the well-known and established exhibitors present, and some new exhibitors showing their wares.

Comments from showgoers and exhibitors were all positive, saying that even though the show is still a bit smaller than in previous years, the quality of visitors were excellent.

"WoodEX for Africa has been long-established as the gateway to Africa’s timber trade and is the most dynamic and lucrative platform in Africa for the public and industry to connect with specialised dealers, stay abreast of the latest and greatest industry trends and innovations, secure new business contacts and compare best prices in trade deals in the timber industry," says Stephan Jooste, Show Organiser.

WoodEX for Africa – Above and beyond

S.A. BANDSAW Co.

SALES, MANUFACTURE
AND RESHARPENING
OF SAW BLADES

Tel: 021-862-6151
Fax: 021-862-6587
Email: info@sabandsaw.co.za

BÖHLER UDDEHOLM
Highly developed nickel strip
He goes on to say that, “Since its inception, the show has grown year on year and has increasingly enjoyed a strong African visitor profile, which makes up a very high percentage of international trade visitors.

The 2018 event, which was much bigger than the 2016 event with almost double the number of brands and exhibitors on show, was particularly diverse and enjoyed unprecedented exposure to people from close to 30 different countries.”

“One area of WoodEX for Africa that could still be improved is the number of visitors on show,” says Jooste. “Even so, feedback on all fronts indicates that the quality of the visitors, which is also considered more important than volumes on show, was exceptional.

“With the growth trajectory WoodEX for Africa has been consistently showing, we are positive that the visitor turnout at each instalment will continue in its robust growth,” Jooste remarks.

Visitors at WoodEX for Africa 2018 hailed from across the globe, including Algeria, Australia, Botswana, Brazil, Cameroon, China, Democratic Republic of Congo, Germany, Hong Kong, Ireland, India, Italy, Kenya, Maldives, Lesotho, Mauritius, Malawi, Mozambique, Namibia, Nigeria, Pakistan, South Africa, Swaziland, Turkey, Tanzania, Ukraine, USA, Zambia and Zimbabwe.

The show received an overwhelming response, during and after the event, from visitors regarding some local industry players hosting their own exclusive annual in-house shows on the exact dates WoodEX for Africa is held annually.

Visitors have expressed a measure of disappointment and frustration at not being able to see some of these companies on show, missing out on them altogether due to the inconvenience of having to visit multiple smaller shows over the same weekend; there is a strong consensus among visitors that they would rather visit one event to tap into a comprehensive showing all under one roof.

Survey feedback from exhibitors at the show was overall very positive and indicates that over 70% of exhibitors found the show to be successful, with nearly 100% of these indicating that they gained high quality leads through the show and the balance indicating that the quality of their leads would be ascertained at a later date.

Respondents rated the quality of the visitors 7 out of 10, with a 75% likelihood that they would exhibit again at the 2020 instalment.

All respondents indicated a need for a key industry trade show in South Africa that attracts both local and international visitors and a quarter of respondents would like to see the conference component reinstated at the show.

Over 80% of respondents would like the show to retain its biennial status and 18% of respondents feel that the show should be hosted annually.

*The milestone 5th instalment of WoodEX for Africa was a resounding success, made possible by the immense support the show enjoyed from all stakeholders, including sponsors, show and media partners, exhibitors and visitors.

“While the current economic climate in South Africa has impacted on all business in the country, the turnout at the event and the enthusiasm of all involved reminds us that South Africans are a resilient bunch that don’t allow much to get in the way of success,” comments Jooste, concluding, “Based on exhibitor feedback, WoodEX for Africa 2018 represented, yet again, an essential platform for dynamic networking with a high quality and appropriate audience, which is poised to yield very lucrative business opportunities well into the future.”

---

**S.A.S.D.E.A.**

**SOUTH AFRICAN SAW DOCTORS EDUCATION ASSOCIATION**

**The Saw Doctors Convention**  
will be taking place again in October 2018

**Dates:** 18 - 19 October 2018  
**Venue:** Boksburg  
**Deadline:** 12 October 2018 (for bookings)

For bookings and more information contact:  
**Amanda Pretorius**  
Cell: 082 324 1363  
e-mail: apretorius60@gmail.com

---

---

---
Rhino Band Sawmills makes a big entry at WoodEx 2018

The latest player in the local sawmilling machinery sector, Rhino Band Sawmills, attended their very first trade show this year, in the form of WoodEx for Africa, held at Gallagher Convention Centre from 11 to 13 July.

The company is not only distinguished by the fact that they are the newest local entry into the sawmilling machinery market though. They also are also significant in that they are one of the very few companies still builds their machines locally.

According to Rhino Band Sawmills director Hannes Hendrikse he started building machines approximately 10 years ago, but was only able to build in small quantities and orders were few and far between.

The next 10 years was spent building up the brand and by the end of 2017 he had perfected his designs and built enough recognition and capital to allow him to significantly expand his production capacity and start actively marketing the brand to the industry.

In September 2017, Hendrikse partnered with Dala Muller and together they set about pushing the business to new levels.

"WoodEx is our very first trade show and I have to say that we are very happy with the reception we have received from the local industry thus far," says Hannes.

“There have been numerous inquiries from various people and thus far, they have all been impressed by the quality of our machines.”

To such an extent that by the second day of the show, the company had already bagged a number of sales.

The two models on show at WoodEx were the Rhino 700, and the Rhino 950.

The Rhino 700 features a standard 23 horsepower electric start, with an optional 11 kilowatt electric motor, a cutting capacity of 4.8m meters, with log diameter capacity of 900mm, and a maximum width of cut of 800mm.

Being locally manufactured, there are a number of standard optional features, such as bed extensions, log loading ramps, log taper wedges, and cant hooks to choose from, and, according to Hannes, the company is even prepared to customise certain aspects of the sawmill according to the needs of the customer.

"The fact that our machines are locally manufactured gives me the freedom to make any changes on the go as the need arises and as per customer requirements," says Hannes.

Another machine on display at WoodEx was the Rhino 950, which features as standard, 35HP Petrol electric start motor, with optional 22 kilowatt electric motor, cutting capacity of
4.8m meters, with log diameter capacity of 1100mm and a max width of cut of 1000mm.

According to Hannes, the entire machine is designed and built locally, with the exception of the motor, which is imported from Briggs & Stratton.

“The Vanguard motors on these machines are really fantastic and they come with a three year warranty,” says Hannes. “In addition to that, we also give buyers a two year mechanical warranty.”

“The sawmills are portable, but if customers want a truly mobile sawmill, they can order the extra Rhino Band Sawmills trailer kit.”

In addition to being locally manufactured, all Rhino Band Sawmills’ trailer kits are fully SABS certified and as well as being CE certified for export.

In addition to sawmills, the company also manufactures a range of horizontal resaws, horizontal multi-head resaws and multi rip/board edgers.
A new split stopper for stapling the ends of logs and wood that are likely to split is now available from Alternative Structures, the Centurion-based company that focuses on technical problem solving, design and development.

The Signumat Split Stoppers are designed and manufactured by Latschbacher, a company that concentrates on designing logistical solutions for the forestry value chain. This year the new Signumat Premium-line split stopper has joined the popular Eco-line product.

The Eco-line product is mainly used to stop splits in logs, and Philip Boardman of Alternative Structures explains that with the latest, Premium-line release, Latschbacher has refined the product and it is now possible to also use it for splits in sawn timber.

Split stoppers are applied to prevent the expansion of a split or end check that is developing in the drying lumber. Sometimes these checks are not too destructive but when it comes to hardwoods, they can cause cracks that make the ends of the lumber unusable. The use of split stoppers can prevent further splitting and loss of recovery and this helps to preserve the value of the wood.

The new split stopper is just 11 centimetres long and is made of high tensile strength plastic that does not fade when it encounters moisture or during long-term storing. The thin body of the staple is made from a special composite material that allows it to easily penetrate the wood. The tapering of material on the wave-shaped tip operates as a barb, which holds the staple securely in place.

Latschbacher has patented the wave or corrugated shape of the Premium split stopper. Boardman explains that two intermediate crossbars enable equal distribution of the tensile load. “The extremely stiff end crossbars disappear completely in the wood when applied by one
single hammer blow, and this makes the split stoppers suitable for sawn lumber," says Boardman.

“A big advantage of the Signumat split stopper is that it does not need to be removed before further processing of the wood. It can be sawn through without damaging the saw blade.”

The best tool to use when applying the staples is the Sigumant Premium hammer. This has also been improved and is now fitted with a four-point mounting that lets the operator apply the split stopper with a single hammer blow that does not take much force because the design reduces the penetration resistance of the wood by approximately 30%.

Boardman says many forestry companies supply the pulp and paper industry, and Latschbacher has developed a special type of split stopper that is fully dissolved during the paper production process.
Local sawblade manufacturer, Harris Sawmilling Equipment's new TruCut range of blades as showcased at WoodEx for Africa

A cut above: Harris launches new circular saw blade range at WoodEx

Prominent local saw blade manufacturer and representative for Peterson sawmills in South Africa, Harris Sawing Equipment, took the opportunity at the recent Woodex for Africa expo, held at Gallagher Convention Centre, to launch the latest range in their circular saw blade offerings.

While Harris Sawing equipment has been a leader supplying blades for the sawmilling sector for decades, the company has this time decided to branch out and create a saw blade range aimed specifically at furniture manufacturers.

The newly launched TruCut range of sawblades are locally manufactured from European steel imported from Germany and also features carbide tips, imported from Luxemburg.

According to Michael Harris from Harris Sawing Equipment, this latest offering from their stable has been in the works for about the last 18 months, since they first conceived the idea.

“"We are in the business of manufacturing saw blades and as in any industry, the aim is not only to have a sustainable business, but also to grow.

"Having already firmly cemented our reputation as a producer of top quality and affordable saw blades within the sawmilling industry, the next logical step was to expand into the furniture manufacturing sector.

“"And when we saw a saw a gap in the market for top quality and affordable saw blades for the furniture manufacturing industry, we jumped at the chance."

Harris says that the company opts to import the steel used in the manufacture of their sawblades from Germany, as the correct grades of steel are not made in South Africa. The same goes for the carbide tips used in the manufacture of their blades.

"We use steel with a high carbon and high chrome content," Says Harris. “Our blades have guaranteed for run out as well as tension values and meet all ISO as well as DIN standards."

When asked about price competitiveness, Harris says that they have never been in the business of making cheap saw blades.

“"It is unfortunate that there are so many operators and manufacturers out there that purchase purely from a bottom line on price perspective, little knowing that this is actually much more costly than opting for a high quality saw blade in the long run, as the high quality item, though more expensive initially, will, with the proper care and correct application, likely last you up to six times longer, and ensure a better cut, than cheaper alternatives."

According to Harris, although there are cheaper alternatives than imported European steel and
RIP BLADES, TRIMMING BLADES, SIZING BLADES, CROSSCUT OPTIMISING SAW BLADES

Improved performance due to precise manufacturing techniques
Guaranteed run-out and tensioning of the blades
Various tooth geometry to optimise cut for various applications

High corrosion resistant tips for wood-based boards (chipboard, particle board, melamine laminates etc)
Solid wood, particle board, wood based products, plastic, nonferrous materials, laminates, composite boards

Sizes from 150mm to 500mm, toothing from 24 teeth to 120 in standard range

PREMIUM QUALITY BLADES AT COMPETITIVE PRICES.

www.harrissawing.com +2711 496 1334

High quality steel sourced from Germany
High quality tungsten carbide from Luxemburg
MANUFACTURED IN SOUTH AFRICA TO EUROPEAN STANDARDS
carbide tips available in the market, the name of the game for Harris Sawing Equipment is consistency. “Indian and Chinese carbide tips are much cheaper, but we prefer being able to rest assured that the quality of our blades bodies and our tips is not only consistent from tip to tip, but from batch to batch and you simply cannot get that with the cheaper alternatives.”

The TruCut range from Harris Sawing Equipment ranges from 150mm to 500mm diameter blades with a range of varying tooth numbers and tooth geometries for different applications.

The range comprises two different carbide tip grades, namely KCR10 graded tips for solid wood and non-ferrous materials such as copper, brass and aluminum, and the KCR06 graded, or high corrosion resistant range, for particle board, MDF etc.

Harris says that the uptake of the product has thus far been quite good, adding that these blades have been in use by some of their clients prior to the launch of the product, in order to test the performance of the product, and to gauge reactions to the product from their clients.

“The reception of the TruCut range into the local market has been positive thus far and our clients who have been using the product have only had good comments.

“We are confident that this new product range will make quite an impact on the wider furniture manufacturing market now that it has been officially launched and as word gets around.”

In addition to supplying the local sawmilling sector with blades, Harris is also an international exporter, shipping blades to some of the most prominent forestry and sawmilling areas in the world, including Australia, New Zealand, and South America, as part of their partnership with Peterson Portable Sawmills.

Peterson Portable Sawmills

Being the local agent for the highly popular Peterson Portable Sawmill range, Harris Sawing Equipment also showcased two of the most popular Peterson portable sawmills at their stand at WoodEx for Africa.

The WPF 827 winch production frame portable sawmill, being a high capacity mobile sawmill, that can cut logs of up to 1.8m in diameter, as well as the Junior Peterson, which is a scaled down version of the WPF 827 for smaller cutting capacity, capable of handling logs up to 900mm in diameter.

According to Harris, while the turnout at this year’s expo was a little less than at previous years, the overall quality of customers was much better.

“We received quite a bit of interest in the Peterson Portable Sawmills,” Says Harris. “Especially the Junior Peterson was quite popular, particularly with visitors from outside South Africa’s borders.”

Harris says that one concerning trend is that potential buyers have become very price conscious. “With so many inferior machines flooding the market at very low prices, higher end machines are becoming a tough sell to smaller operators. Unfortunately, many of the suppliers of these machines do not have the capacity to back up their sales with guarantees and back up service, meaning that when the machine inevitable breaks down on site in the forest, the operator does not really have any recourse.

“The same goes for saw blades. People end up finding out that buying cheaply more often than not becomes much more expensive than just buying quality to start with.”
Holtec upholds culture of innovation and growth at WoodEx for Africa

Log handling solutions and package crosscut saw manufacturer, Holtec, made quite an impact at WoodEx for Africa, held from 11 to 13 July at the Gallagher Conventions Centre in Midrand.

The company is well known within the industry as having been on the forefront of innovation for many years, with many impressive original innovations, including the Holtec Stair Feeder, which made its debut in 1998. The Holtec V-Rollerway, introduced in 2000, the Holtec Eccentric Ejector from 2001, the Holtec Tandem Step Feeder from 2005, and the Holtec Rollerway for Alignment with Log Allocation Wheel, introduced in 2006.

According to Holtec international sales manager, Erwin Franzen, Holtec continues to be a game changer in the industry with their innovative solutions for businesses ranging from small operators to large commercial sawmillers and logyards, and sees a lot of potential for the industry within South Africa and the rest of Africa.

Holtec offers a range of different options for the sawmilling industry that offer a solution to any business, big or small.

Basic Line
The first of these is the Basic Line, an economical solution for small and medium businesses with an approximate cutting capacity of 25 000 to 50 000 cubic metres.

The Basic Line range is all about affordable logyard technology for low to medium performance requirements, which caters to the specific needs of specialist and small-scale log yard businesses.

This type of operation places particular emphasis on assessing the quality of individual logs by using
simple, durable, and easy-maintenance transport systems that avoid unnecessary over-engineering and high costs disproportionate with the requirements of this performance category.

Solid Line
Holtec has gained a solid reputation globally with its log manipulation systems developed over the past 35 years.

Holtec’s Solid Line solution for medium and large sized operations with a cutting capacity of between 50 000 to 300 000 cubic metres combines their 35 years of know-how and trusted technical achievement to deliver solid plant engineering, reliability, and outstanding performance. The company has proven its mettle with the successful installation of more than 250 plants around the world.

Whether short or long logs, small or large diameter lumber, the company prides itself on the versatility of its plant engineering capabilities, working with clients to develop the optimum layout for the application at hand. Their team of more than 20 engineers and technicians plan, install and commission the plant to the tiniest detail.

Solid Plus
Solid Plus is Holtec’s high performance standard for industrial operations with a cutting capacity of between 300 000 and 1 million cubic metres, offering heavy duty, durable plant engineering of the finest standard.

High performance industrial scale production calls for sound plant engineering capable of addressing very specific criteria. Extreme loads in around the clock operation and high availability are essential to economic operation.

This solution offers longer system operating times, higher capacities, lower wear, and lower costs of operation.

VarioCut Package Corosscut saws
Holtec’s range of highly innovative package crosscut saws were highlighted at the stall of their local distributor, NewSaw.

The company especially focused on their highly impressive range of package crosscut saws, which has been very popular with, among others, pallet manufacturers, in South Africa.

The VarioCut range from Holtec is specially designed for companies cutting at high capacity and is distinguished by a robust basic saw unit, a very sturdy vertical bar guidance, and the option of variable control of the guide bar during the crosscut.

The VarioCut series can be perfectly integrated into automated systems. The Vario-Cut series is tailored to the needs of high-capacity operations as well as to the individual requirements to the cutting geometry and partition.

The range is fully customisable to the needs of the customer and is available with either a moveable saw unit at limited spaces, or with moveable package carriage, or in combination with rollerways, or as high capacity system, Vario-Cut quattro.

Holtec has made a significant impact on the local market with this range of machines. Some of the country’s foremost manufacturers count themselves among Holtec’s clients.

These include ITS Pallets, Johannesburg Timber & Board, Brits Pallets, iPack, Weatherboard, and New Century Sawmills to name but a few.
Wood-Mizer Planer Moulder range showcased at WoodEx 2018

Sawmilling equipment, a recently launched planer moulder range and wide-ranging news from the corporation’s global operations were some of the highlights from Wood-Mizer at WoodEX 2018.

Wood-Mizer Africa’s showing at WoodEX 2018 was another building block in the company’s busy expo circuit in South Africa and Africa. This is according to Etienne Nagel, who said that WoodEX allows the company to speak to a specific audience.

Wood-Mizer Africa’s PR and Marketing spokesman said that “2018 will see the company concluding a busy show circuit in the RSA and Africa. WoodEX as part of this, provides a different platform to reach a wider audience and to meet new and existing customers and to record sales,” Etienne Nagel said.

“It allowed us to launch a new secondary processing machine range that will find ready application in the woodworking sector together with news on additions to our LT15 range. We also elaborated on new markets and sectors that we’ve entered into in SA and Africa. We also shared news on Wood-Mizer’s new machine colour scheme that visitors witnessed firsthand with a stand washed in orange.”

New range launched
The launch of Wood-Mizer’s planer moulder range comes hard on the heels of the corporation’s recent acquisition of Swedish woodworking machinery manufacturer, MOREtENs, which has been producing top quality planer moulders among other products since the ’80s.

The new line-up of secondary processing machines adds further momentum to Wood-Mizer’s objective to provide solutions that can process timber from forest to final form.

“Wood-Mizer’s class-leading reputation for quality, reliability and after sale service adds further reassurance to potential investors in the new range of the level of service that they can expect when they partner with Wood-Mizer,” Etienne Nagel said.

The Wood-Mizer planer moulder range includes a full line-up of four-sided planer/moulders, table saws, dust extraction solutions and tooling for planing and profiling.

New additions to the LT15 range
Wood-Mizer’s stand at WoodEX also showed further additions to its now renowned LT15 range.

“The LT15 range is the backbone of the sawmilling sector in Africa,” Etienne Nagel said.

“Wood-Mizer sawmills are responsible for a significant part of the total volume of sawn timber that is currently produced in Africa. A large part of this total volume is produced on LT15’s.

“It’s therefore extremely gratifying to launch two new additions to the LT15 range at WoodEX,” Etienne Nagel continued.

The LT15GO is the portable version of the LT15START, both of which are now available to sawmilers in the RSA and Africa.
Reduce drying costs per cubic metre with Termolegno

Paolo Pocecco, the export area manager for the Italian supplier of lumber drying technologies, Termolegno, says the company designs and manufactures “green addicted” drying kilns that add value to the world’s only renewable source of raw materials.

“Termolegno decided to participate in trade shows in South Africa, Kenya and Gabon because our vast experience in 57 countries makes us the leading producer of lumber drying, seasoning, steaming, and heat-treating equipment. We put our customers first and continuously invest in state of the art technology that enables us to design and produce drying kilns that save energy and optimise drying cycles and the quality of products,” explains Pocecco.

The company is not new to South Africa, and its most recent activity has been the installation of six kilns at Solid Doors between 2005 and 2010. The system assists Solid Doors in its business of manufacturing high quality wooden doors.

Since it was established in 1994 by the Fornasier family, demand for the “100% designed and made in Italy” company’s expertise has grown enormously. It has expanded its production area to over 8000 square metres, installed its products in 55 countries and appointed 35 representative agencies.

Pocecco explains that every installation is uniquely customised to meet the needs and preferences of the client. The product range includes:

- Reduce drying costs per cubic metre with Termolegno
- New machine colour scheme
- New markets and sectors
DRYING KILNS FOR SOFTWOODS AND HARDWOODS

www.termolegno.com
• Conventional drying kilns with temperatures up to 75/80°C and 90/95°C
• Tunnel kilns
• Pre-drying kilns
• ISPM-15 heat treatment drying kilns for wooden packaging
• Direct and indirect steam systems
• Combined drying-steaming kilns
• Energy saving systems featuring heat recovery, monitoring, and tracking of thermal and electrical consumption and devices for adjusting the speed of the air
• Wood waste boilers (sawdust, chip, wood chips, bark) to produce hot water +95°C, +110°C, +120°C or steam;
• Gas boilers (natural gas or LPG) or diesel fuel to produce hot water or steam
• Aspirated direct gas burners (natural gas or LPG);
• Direct oil burners blown type
• Turnkey systems including drying kilns, boiler or heat generator, complete hydraulic system from the heat generator to the drying kilns, technical room, and the room housing the boiler.

The world of drying is extremely complex, and electronics and automation is playing an increasingly important role in managing the processes. Pocecco says Termolegno’s control units, especially when combined with its RX Software that has graphics that are animated and visible in real time, make all the operations very straightforward.

The electronic systems are designed to be versatile and provide customers with the opportunity to configure the software package to meet their production needs.

Optional features can be added to the standard platform. These include 8/24 phases, an energy kit to monitor electricity and heating consumption, and the advanced drying kit that makes a drying time projection that it autonomously activates to either speed up or slow down the drying cycle.

Anemometers can be added to detect and change the air flow speed, temperature and humidity rates inside the stacks, and the HT Kit is an option for the ISPM-15 phytosanitary treatment.

Pocecco emphasises the importance of customer after sales care. Termolegno ships spare parts as quickly as possible to its clients anywhere in the world, on-site technical support is augmented by remote technical support, software updating, and there is a drying programme consultancy service. ■
Nukor focuses on maximim value adding at WoodEx

Leading Sawmilling machinery supplier, Nukor, was, as always, one of the main exhibitors within the sawmilling section at WoodEx for Africa, held from 11 to 13 July at the Gallagher Convention Centre in Midrand.

The company once again showcased a wide range of their portable sawmilling solutions to eager showgoers, including a Lucas Mill portable sawmill, a Woodlands HM 130 bandsaw, a Timber King 1220 bandsaw and a Timber King resaw among others.

Frequent demonstrations ensured the Nukor team was kept busy at their stand and according to Nukor representative, Cobus Richter, the show once again was quite a success for the company.

“We were impressed by the quality of visitors that we received, and we have quite a number of good leads to follow up on in the period after the expo,” says Richter.

“We were especially impressed by the number of visitors from outside the border of South Africa, which shows that the sawmilling industry definitely has huge potential in Africa.”

Richter says that the Expo was also an opportunity for the company to meet with some of their existing clients who visited the Expo.

In addition to their range of portable sawmills, the company this year decided to also showcase a number of solutions that can help sawmill operators increase recovery rates and reduce wastage.

According to Nukor representative, Marcel Joubert, operators are always on the lookout for ways in which to increase recovery rates and add further value to their offering.

Some of the solutions showcased at the expo include a log splitter, a Nukor finger joint shaper and even a broomstick or dell stick maker.

According to Joubert, waste has always been a major problem for sawmill operators. “The problem is that a large percentage of your raw product is discarded at the end of the day.

“So what we are trying to show to the industry is that they can, to a large extent, extract more value out of their raw materials by either finger jointing short materials, or making broom- or dell sticks, or even by splitting shorter logs for firewood, which can be used to power boilers, or can be sold off as firewood.

“The fact is that solutions like these can empower sawmill operators to add value from the byproducts of their trade, and that this can actually be quite profitable for them.”
Unscrupulous contractors often include timber material in decking substructures that does not comply with the regulations, and this results in costly repairs for their clients.

An important factor, often overlooked when installing a deck, is the substructure on which the deck is being built. Most of the attention and thought generally goes into the upper decking material, and not into the loadbearing structure that is going to carry the load and be exposed to the elements.

The South African Wood Preservers Association (Sawpa) has issued a Guidance Note that addresses this issue. It emphasises how important it is to use preservative treated timber in the construction of substructures for timber decks, and its compliance with the requirements stipulated in the Building Regulations and relevant SANS Standards.

In most cases the material, such as the upright poles or posts planted into the ground, are of acceptable preservative treated quality (H4 to H5), and the upper decking itself consists of correctly preservative treated pine (H3) or hardwoods of varying natural durability. However the horizontal beams and bearers are often constructed of untreated or insufficiently (H2) preservative treated structural pine.

Any moisture will accumulate between the intersecting upper decking boards and load bearing beams, causing a moisture trap and forming the perfect environment for fungal decay. If these load bearing beams and bearers are not made up of at least H3 treated structural pine, the rate at which decay could set in and lead to failure of the deck structure may be rapid and could lead to injury for those using the deck.

Decks are regarded as loadbearing structures and buildings on which people walk and gather and must be designed and constructed in accordance with the Building Regulations and relevant SANS Standards.

Regulation A13(1)(b) of the Building Regulations stipulates that “All timber used in the erection of a building shall be treated against termite and wood borer and fungal decay in accordance with the requirements of SANS 10005 and shall bear the product certification mark of a body certified by the South African Accreditation System.”

SANS 10005 in clause 12 addresses the use of preservative treated timber in specific areas of South Africa. It states that softwoods and hardwoods used must be adequate for its purpose as structural loadbearing components used in a permanent building.

Clause 12.2 deals specifically with the use of preservative treated softwoods (pine) mainly focusing on its use in the coastal municipal areas. The last paragraph, however, clearly states that “Sawn timber used in the erection of an exposed loadbearing structure, i.e. the substructure of decks, shall be treated in accordance with Clause 12.4 when used within the borders of South Africa.”

The clause addresses the need for protection of all decking loadbearing substructures constructed of softwoods against fungal decay and subterranean termite attack, not just in the coastal municipal areas, but in all inland areas.

This means that a deck substructure constructed with untreated or incorrectly treated timber does not comply with the Building Regulations.
CHOOSE THE CORRECT PRESERVATIVE TREATED TIMBER FOR YOUR END APPLICATION (H classes)

H2 – Low Hazard: Inside above ground
H3 – Moderate Hazard: Outside above ground
H4 – High Hazard: Outside in ground
H5 – High Hazard: Outside in contact with heavy wet soil or in fresh water
H6 – High Hazard: Prolonged immersion in sea water

FOR MORE INFORMATION ON ANY ASPECT RELATED TO TREATED TIMBER PRODUCTS AND THE CORRECT USE OF TREATED TIMBER, OR WHERE TO CONTACT SAWPA MEMBERS, PLEASE CONTACT:

Tel: 011 974 1061
sawpa@global.co.za
www.sawpa.co.za

South African Wood Preservers Association
The 49th IRG Conference, hosted for the first time on the African continent from the 29th of April to the 3rd of May in South Africa, proved to be a valuable global networking platform for the wood preservation industry.

This is according to the feedback received from Lonza Wood Protection’s visiting international representatives and compliments from local customers who had the opportunity to attend the conference as guests of Lonza South Africa.

“This was a terrific opportunity for those that call Africa home to hear what the rest of the world is doing in the field of wood protection, and just as importantly to dialogue with others from around the world,” said Andre Siraa from Lonza New Zealand.

Commenting from a local perspective, Roy Smith from Mintroad Sawmills, said he found the conference very informative. “It was most interesting to hear what our industry is like in other parts of the world and to exchange information on possibilities ahead. It should definitely be held in South Africa again in the future,” he said.

Frans Beket from the R&B Group concurred, “It was an incredible experience and the papers and reports presented were very enlightening. Having rubbed shoulders with the scientists from around the world and knowing our people here in South Africa like the Lonza team, I believe we are right there in the mix with the best.

“I was impressed to see how huge Lonza and its variants are across the world. The underlying message that caught my attention the most was that we need to view ourselves as more than just singular participants within a world of timber preservation. We all form part of a global responsibility of preserving our planet”.

Globally, Lonza Wood Protection has aligned itself with the International Research Group on Wood Preservation (IRG-WP) as a sponsor in providing intellectual and financial support to ensure the success of the IRG organisation.

As an extension of this sponsorship, Lonza South Africa supported the South African Wood Preservers Association (SAWPA) and deployed Daryll Ehrke to serve on the Local Organising Committee hosting the 2018 Annual Meeting.

General Manager of Lonza South Africa, Doug Sayce, elaborated: “We understood the importance of local sponsorship for the hosting of an IRG conference in South Africa, and therefore did not hesitate to get on board as one of the five platinum sponsors alongside the total 22 local and international sponsors.

“As a global company, Lonza welcomes opportunities such as this to share its knowledge and learn from other industry experts with the bigger picture of disseminating scientific information on wood protection products”.

Sayce went on to compliment SAWPA and its Local Organising Committee, led by Bruce Breedt and Sue Kindwater, on an outstanding hosting IRG49. “Our team is very proud to have had the opportunity to work alongside SAWPA at this prestigious industry event and we look forward to the positive outcomes that the conference will yield going forward”.

Bruce Breedt shared his thoughts on the outcome: “Conferences like this and the exposure and interactions between international and local delegates can only hold positive future possibilities in engagement and collaboration with the IRG-WP and its members.

“We were very encouraged by the comment made by the President of the IRG-WP, Joris Van Acker, that IRG49 South Africa had raised the bar for those to follow”.

Locally, Lonza was represented at the conference by Kesun Govender, the Operational Manager and Denise Conradie, the Compliance Manager - who are also both members of IRG. Also attending was Daryll Ehrke and Lonza’s laboratory technicians.

Internationally Lonza was represented by Avtar Sidhu from Canada, Andre Siraa from New Zealand and Francisca Latorre V from Chile.

“Having the conference in South Africa also allowed Lonza representatives from around the world the chance to discuss with their local colleagues the work they are doing and what new products being used globally might find a fit in South Africa. “We gained an appreciation for the South African market and the unique aspects of it, which will be beneficial in the future as we work together with the South African team to develop new markets, products and opportunities,” Siraa added.

Among the awards within the IRG is the Gareth Williams Award, which acknowledges the best scientific paper and presentation at each annual meeting.

This year Lonza South Africa sponsored the award and Avtar Sidhu from Lonza USA presented it to the winner, Marta Petrillo fromIVALSA Italy, for her ‘Best Innovation Presentation’.
It’s all about confidence
Tried, tested and trusted preservative protection for timber.

Lonza Wood Protection
1/4 Arch Wood Protection (SA) (Pty) Ltd
16 Indus Road, Marburg, Port Shepstone,
PO Box 54344, Marburg 4252,
South Africa.

Telephone: +27 (0)39 682 6019
Fax: +27 (0)39 682 9022
Email: wood.sa@lonza.com
Visit: www.lonzawoodprotection.com
Ever popular portable sawmill manufacturer, Norwood, was well represented at the Austro show from 11 to 13 July at Austro’s premises in Roodepoort.

Displaying their range of portable sawmills for nearly any application and business size, as well as their infield range of blade sharpening equipment, Norwood proved to be a hit with showgoers, managing to sell no less than five portable sawmills at the show and walking away with numerous promising leads to follow up in the aftermath of the show.

According to Austro sales representative Shepherd Zikhali, he was overwhelmed by the interest in the Norwood range of portable sawmills.

“The stand has been very busy during the show with lots of interest shown not only from local small scale sawmillers, but also from across the county’s borders,” says Zikhali.

Norwood had on show their LumberPro HD36 as well as LumberMate LM29 portable sawmills.

The LumberPro HD36 can process logs of up to 90cm in diameter, and boasts a wide-track log deck built of twin double-plated commercial-grade-steel rails.

The boxed front and rear end-frames are extra-rigid structures that provide added strength and stability.

The rigid carriage frame is fortified with structurally-engineered and reinforced precision-extruded vertical guides, and heavy-gauge structural tubular-steel rear vertical mounts and front horizontal stabilizer bar, which enables it to easily manage higher load inputs to mill with accuracy and control.

The LumberPro HD36 also features a host of optional add-ons that can boost its performance and output even further.

The LumberMate LM29 is can process logs of up to 72cm in diameter and also features a whole host of optional attachments to increase the functionality and productivity of the mill.
Trim Saw

neil@multisaw-sawmilling.com
Neil - 082 569 2430

allan.p@multisaw-sawmilling.com
Allan - 082 312 5667
Office: 044 532 7840

https://m.youtube.com/user/multisawZA
The dust is settling after another exciting Austro show and reports from exhibitors as well as visitors have been overwhelmingly positive.

As always Austro has gone out of its way to not only ensure that each product range is impressively exhibited, but also well represented, with a large number of OEM representatives from all over the world visiting the country to show off their wares at this prestigious show.

According to Biesse regional sales manager Gianluca Ticchi, the show was once again a huge success for Biesse. “The Austro show is always very productive for us. The visitors that are drawn to this event are serious people who are serious about doing business.”

“There was a lot of interest in our products and we are particularly proud of the fact that our advanced materials solutions, which were on display in South Africa for the first time, was very popular.”

The Austro show has, over the years, become known for its impact on the local industry with many products new to the local industry being launched at the show, and this year was no exception.

For Biesse, known locally as a manufacturer of woodworking machines, it was the perfect opportunity to launch their range of machinery for the advanced materials manufacturing industry.

The Biesse advanced material manufacturing machine ranges, in addition to their excellent woodworking machine ranges, proved to be especially popular at the show. The Intermac Primus 402 water jet cutter was one of the major hits at the show with people literally flocking to see demonstrations of what this machine can do.

Other new products that saw the light at the Austro show was local manufacturer, Volker Teske’s new laminating solution, the Wall Press. According to VT director Ingo Teske, the Wall Press was a natural progression from their other laminating presses, and is an ideal solution for smaller companies or even high end hobbyists who do not have the space or the need for one of their larger presses.
The new Wall press received quite a bit of attention at the show and, according to Teske, was the ideal platform on which to launch the new machine.

Technipaint, under the Elvolac brand also introduced a number of new products at the Austro show, including Elvothane, a new full PUR lacquer system, and Technowood, a very high solids AC lacquer.

According to Technipaint technical sales representative Jarryd Mienie, their new products were well received at the show. "It’s been quite busy," says Mienie. "We’ve had a number of inquiries about our new products and we have some really strong leads to follow up.

"The Austro show is an important event in the local industry and it is known for the fact that there is very little tyre kicking going on here.

"Generally the people that visit this show, do so with the intention of doing business."

And it was not only Austro’s OEMs and other suppliers debuting new and exciting products at the show. This year, Austro itself also unveiled a range of new online services including an Austro App, an e-commerce platform named Austro Direct, and a remote machine monitoring initiative called Austro Intelligence.

Turkish machine manufacturer, Kaban, after an existing eight year affiliation with Austro as their local distributor, also showed off their impressive range of machines for the aluminum and plastics manufacturing industry, much to the interest of many showgoers.

Kaban area manager Mamadou M. Ndiathie echoed the sentiments of most exhibitors, saying that he was very impressed with the organisation of the show, and that he is quite excited in terms of the future of doing business in South Africa.

"There was a lot of interest in our machines and the show was quite busy. We’ve had a number of positive inquiries."
Local woodworking machine supplier, Austro, launched a package of online applications at their recent show, held from 11 to 13 July at their premises in Roodepoort.

The applications, known as Austro App, Austro Direct, and Austro Intelligence are set to fulfill a wide array of functions within the company, adding value for their customers in their dealing with the company, and making the act of doing business so much easier.

Austro App
The newly developed Austro App is still in its infancy and will, for the time being, be used mostly as an information and notification module through which Austro can instantly communicate with its customers, sharing everything from critical information to specials, new products, catalogues, and user manuals at the touch of a button.

The Austro App is under continuous development and the company plans to add further functionality as its development continues.

One of the functions currently is the app’s gallery feature which was used during The Austro Show to update customers.

Austro Direct
Austro Direct is the company’s newly established e-commerce platform on which clients can place orders online. In addition, view statements, as well as purchase histories via this platform.

Currently two of Austro’s product lines, namely the tooling and adhesives divisions, are accessible via this platform, but further development will likely see more and more of the product lines becoming accessible via Austro Direct.

Austro Intelligence
Austro Intelligence is set to become an integral part of the company’s offering to its clients and is currently being tested at customers country wide.

The application is basically a monitoring system that measures the optimal running of machines in real time, and much like some asset tracking systems, reports on, for instance, running time vs time in use, number of machine stops and machine abuse.

The application is able to detect abnormalities in the operation of the machine and this is reported on in real time via e-mail or the telegraph messaging platform.

According to Vaughn Middleton, Austro’s Key Accounts Manager, the system is installed on the particular machine and is then able to measure certain aspects of the running of the machine, including when the machine is drawing abnormally high amps, meaning that it’s capacity is being overstretched.

“This could be caused by a blunt saw blade, meaning the motor has to work harder to get the job done, or even by misuse by an operator who, for instance, tries to cut too fast, thus forcing the board through the saw at a higher speed and pressure that it is supposed to go,” says Middleton.

“This will help clients identify problems and monitor the operation of machines to the extent that they will be able to plan preventative maintenance, resulting in fewer down times due to breakages.

“In this way, clients will be able to identify, firstly, when, for instance a blade is nearing its time for sharpening or replacement, or whether the machine is being used to its optimal use or is possibly overworked or underutilized.”

According to Middleton, this application too is under constant development and the company plans to add more functionality to the application as development progresses with the rollout to all customers who are interested in the system to manage their assets. The system is backwards compatible and will work on almost any system, from panel saws to the most complicated CNC equipment.

Austro is currently in discussion with numerous OEM’s to install the system during the manufacturing stage of equipment.
The Rover K is a NC processing centre designed for craftsmen who need to automate their production process as well as small-medium enterprises that specialise in custom-made products.
July saw one of South Africa's leading machinery and material suppliers, Austro, open its doors once again for its biennial in-house show in Roodepoort, Johannesburg.

Attracting more than 2 500 industry professionals from the furniture, aluminium, packaging, steel and glass industry, new technology and product innovation was order of the day for the distribution giant's principals, as German adhesive specialist, Kleiberit and woodworking machinery manufacturer, Biesse, underlined the strength of their partnership and the effective solutions they have pioneered jointly for the furniture manufacturing industry.

Taking centre stage, the adhesive expert showcased two PUR-based adhesive products at the four-day event. Kleiberit paired their 707.9 PUR, with Biesse's top-end Stream edgebander to demonstrate its ability to work seamlessly with its 2kg pre-melter in order to deliver zero glue lines.

In addition, Kleiberit launched its new high performance PUR 707.6.40, which was demonstrated on Biesse's J340 entry-level edgebander.

Designed with the small to medium sized manufacturer in mind and available in a convenient blister pack for those looking to use smaller quantities, the new PUR allows the manufacturer to keep it in the melting pot for up to 24 hours without having to clean either the rollers, or the melting pot.

If you only consume half the glue in the melting pot, the machine can be switched off without cleaning or dumping the remaining adhesive. A couple of hours later, or even the next day, it can be switched on and run immediately. The glue will perform just the same, making it both economical and practical for smaller workshops.

The new adhesive, which is priced within the range of a standard polyurethane, promises excellent green strength with no stringing, as well as very good temperature resistance, running stability and final strength.

Moisture, water and steam resistance are exactly as you would expect of a Polyurethane product.

Kleiberit PUR 707.6.40 can be used with polyester edges, melamine resin edges, PVC, PP and ABS edges with prepared backing, non-compacted resin paper edges, solid lippings and veneer edges for complete flexibility.

Austro’s Marnus Ferreira-Netto adds: "This show homes more machinery demonstrations than any other in the country and because of this, visitors come from far and wide to see exactly what our machines can do.

"The introduction of the new high performance PUR 707.6.40 certainly got people talking and, thanks to the close working relationship between Kleiberit and Biesse, the manufacturer's edgebanding range and Kleiberit's adhesives are perfectly synchronised to offer users the very best results.

"Experience has taught us that customers are often sceptical about the abilities of PUR and are often reluctant to change their current glue without good reason, but being able to view direct comparisons at the show really helped us promote the benefits associated with 707.6.40."
The New Way for Edgebanding with PUR Hotmelt

- Fits in standard edge banders without need for additional equipment
- Very good stability in open melting tank for 24 hours
- Rapid melting in standard melting tank
- No waste with blister package KLEIBERIT 707.6.40
- Easy use

We have local Southern African Agents. For further information please contact us:

www.kleiberit.com

KLEIBERIT Adhesives – 70 years of partnership with handicraft, retail and industry
“Visitors couldn’t believe the results they could get from the new formula and the time and cost benefits associated with it.

“The new glue certainly played a key role in the high level of machines we sold over the four-day event, whilst the show itself gave us a great opportunity to educate new and existing customers on our fantastic relationship and form strong business partnerships.”

“With so many Biesse machines sold at the Austro in-house show, the partnership between Biesse and Kleiberit – already a strong bond – seems set to strengthen further in South Africa.

“By working together, we’re continually developing new and innovative products that ultimately offer improved solutions for our customers,” concludes Marnus.

“No one thought that a PUR could work in this way but we’ve proven the industry wrong.

“Not only does the new PUR 707.6.40 work, it works well.”

Keen to see the results for yourself? Kleiberit’s new PUR 707.6.40 adhesive will be available to buy from Austro from September 2018.
Biesse steals the show at Austro

Machne manufacturer Biesse had a large showing at the recent Austro show, showcasing, for the first time in South Africa, not only their range of woodworking solutions, but also their complete range of solutions for the advanced materials manufacturing industries.

According to regional sales manager for Biesse, Gianluca Ticci, the Biesse Group’s focus at the Austro show this year was to display their complete solutions for the wood manufacturing industry, as well as for the advanced materials industry.

“Thus we had on show everything from the panel sizing centre in the form of a beam saw, to CNC machining centres, boring and inserting machines, calibrating and sanding machines, edgebanders, hot presses and assembling solutions.”

The Biesse machines on display at Austro covered every step of the manufacturing process from first cut to finished product.

Just about the only Biesse product not on display, was their impressive range of materials handling equipment, and this was only because of space restraints.

Machines on display included the Selco WNTR630TP automatic panel sizing centre, a rounded profile air table, two independent pushers, Selco’s quick blade change capability, and an integrated side aligner.

The company also showcased a range of CNC centres for both the wood and advanced materials (plastic, aluminum, glass, etc) manufacturing industries.

The Rover G and Rover K ranges of CNC centres, in both flat table as well as fully adjustable pod and rail configurations, suitable for the processing of both panels and solid wood, use a vacuum system to ensure maximum stability during processing and offers routing, boring, cutting and shaping of panels.

The machines are equipped with boring heads as well as horizontal applications, with an optional fourth C-axis motor available for side cutting and shaping.

The pod and rail configuration has become less common in South Africa, where most clients opt for the flat table configuration.

Also on display was the Rover A CNC machining centre for advanced materials.

The Biesse range of Stream A automatic single sided edgebanding machines was one of the main attractions of the Austro show; This highly customisable range of machines sports the IT90S linear end trimmer, which
via the machine movement on linear tracks, allows the operator to achieve very high processing speeds without compromising at all on the quality of work.

The machine also features a two motor pre-milling unit, a multi-function corner rounding unit, an edge scraper, and a glue scraper.

According to Ticci, Biesse is currently the second most used machinery brand in the global manufacturing industry.

“We manufacture solutions for the entire manufacturing process, from start to finish,” he says. “Our ranges of machines for both the wood and advanced materials manufacturing industries are known globally for being among the best quality that money can buy.”

Ticci adds that the Austro show, with Austro being the sole agent for their products locally, was the perfect platform for the Biesse Group to showcase their machine ranges in South Africa.

“We were very impressed by the number of visitors as well as with the quality of visitors that we saw at the show.

“We were equally impressed by the interest shown in our Advanced Materials lines. For a show that traditionally exhibits machines for the processing of board and timber, we made quite an impact with our advanced materials manufacturing solutions and we’ve had a good number of inquiries.”
Gold
Durable, Efficient Abrasives

MIRKA GOLD is one of the most known and trusted products from the Mirka range. Throughout the years, Mirka Gold has been continuously perfected.

MIRKA GOLD is designed to prevent clogging of the abrasive which results in a longer lifespan of the product and a better finish overall.

Grit range P40 - P800 are available depending on format and hole configurations.
One of the biggest attractions at the recent Austro show came from a very unlikely source seeing that the show is normally dedicated to machinery for the processing of timber and board.

Yet, with quite a bit of focus this year on the processing of alternative, or advanced materials like plastics, glass, aluminum and even steel, Biesse division, Intermac, with its brand new Primus 402, was likely one of the most visited stalls at the show.

Powered by Waterjet technology, the Primus 402 can, according to Roberto Vianello, BSM sales director at Intermac, a wholly owned subsidiary of the Biesse Group, cut any material that cannot be cut by a pair of scissors.

“The machine can cut literally any type of material, from glass to steel and everything in between, even marble and granite, with absolute accuracy.”

Utilizing a high-pressure jet of water and a sand-like abrasive that can reach pressures of up to 400 miles per hour (644 kilometer per hour), this extremely versatile machine offers unprecedented accuracy and control with cutting done with either three or five axis, allowing for a variety of cuts, including angled cuts of up to 45 degrees, chamfering and countersinking.

The five-axis cutting head is equipped with a continuous rotation C-axis which allows for angled cuts to be made on complex shapes.

Sand-like abrasive can be used as required depending on the material being cut, as well as the thickness of the material being cut. The Primus 402 can cut steel up to 200mm thick.

The abrasive comes in different coarseness levels, from fine to very course and even the level of abrasive is completely controllable.

In addition, the standard single cutting head can be supplemented with an additional head, should the job require it.

“Intermac turned 30 in 2018 and, as a division of the Biesse Group, has always been at the forefront of innovation within the advanced materials processing industry,” says Vianello, adding that he was very impressed with the interest shown in the machine at the Austro show.

“We have had so many inquiries and we have done so many demonstrations over these past days,” he says. “The interest has been overwhelming and the prospects look good for the Intermac brand and the Primus range of machines in South Africa.”

Austro machine sales representative for non-wood products, Esser Vorster, who along with Vianello had his hands full at the very busy Intermac stand, says that, while the Biesse Group has been a staple of the Austro show as well as the Austro catalogue for many years, this is the first time that Intermac has made an appearance at the show.

“The interest has been phenomenal,” says Vorster. “The show has generated a lot of really good leads and there has even been a few handshake deals that we will follow up directly after the show.”
Turkey-based Kaban, an aluminum and PVC processing machinery manufacturer, has showcased some of its machines at the recent Austro show.

With over 65 machines covering the entire Aluminum and PVC processing spectrum, Kaban is one of the largest manufacturers of machines for this industry in the world and a global leader within the industry.

Having started in 1986 in a 20 square metre factory, the company has grown to such an extent that today it manufactures its products in a state of the art 30 000 square metre factory, employing the latest of technologies and innovation.

According to Kaban area manager, Mamadou M.Ndiathie, the company is especially targeting the aluminum processing industry in South Africa, and even though they have brought with them only entry level machines, the company is able to provide nearly any machine imaginable for the processing of PVC and aluminum.

Kaban machinery is sold in over 100 countries worldwide through a number of Kaban outlets, as well as through a widespread global dealer network.

According to Austro machine sales representative, Esser Vorster, Kaban CNC machines have the fastest X-axis in the world at 128 metres per minute, and they also have one of the only corner crimping machines in the world that is capable of doing an up to 160mm profile, while most of their competitors can only do about 90mm.

Kaban sales and marketing manager, Fatih Kaban, they have had quite a bit of interest over the course of the show and have a number of leads to follow up.

“I was quite impressed by the visitors that we received and the interest showed in our machines,” he says.

PVC and Aluminum processing at Austro with Kaban
One of the cornerstones at the recent Austro show, was the Leitz stand, this year showcasing not only their tooling solutions for the woodworking industry, but also for advanced materials such as aluminium, glass, plastics, mild steel and even stainless steel.

With a breathtaking stand showcasing their ranges of saw blades, diamond routers, pre-milling blades, finger joints, serrated cutters, and many more the Leitz stand was arguably aesthetically, at least, the most eye-catching stand at the show.

According to Austro tool sales representative, Lionel Botha, the idea was to, while still showing their wide range of tooling solutions specifically for the woodworking industry, also promote their range of tooling solutions for composite materials.

“The fact is that, like any company, both Leitz and Austro want to continue its trajectory of growth,” says Botha. “And while the wood processing industry is still an important part of the business, one has to, in order to achieve growth, expand your market to include the entire manufacturing sector.

“Thus the focus at this year’s Austro show is to showcase, in addition to our existing ranges, the composite materials ranges.”

According to Botha the reaction thus far in the field, as well as at the Austro show has been very positive.

“We are starting to make some real inroads into the composite processing industries and the reception has been generally very good.”
In addition to the new tooling ranges, Austro’s tooling department has recently received the thumbs up from Leitz after Austro had set out to massively upgrade its sharpening centre.

“The process was quite an involved one,” says Botha. “But more than worth it since we now boast a sharpening centre that is built and operated according to approved EU standards.”

While the Austro diamond sharpening centre is yet to be officially certified, the process, according to Botha, was quite an involved one, with Leitz providing Austro with the requirements for their saw shop, and Austro building the shop according to the prescribed standards, even putting in an air conditioning unit to keep temperatures stable inside the diamond sharpening centre.

The centrepiece of the Austro saw shop is the Vollmer QE Eco, one of the premium sharpening machines in the world today. It meets the highest demands for tooth geometries, configurations of cutting edges and accuracy available.

The rest of the saw shop is made up of a Zoller measuring machine, a Haimer Tool Dynamic machine for the balancing of pre-mill cutters, and an engraving machine for record keeping purposes.

“We keep record of every job done,” says Botha. “This allows us to keep track of the jobs that we have done, but it also ensures that we are able to identify problems, be it with our machines or processes, or with a client’s machines.

“We can in most cases identify whether a blade is just blunted because of normal wear and tear, or if there is a problem on the client’s machine, or if the client’s machine or blade is being used in an incorrect way by staff.

“These findings, along with the tracking system that we employ to keep record of jobs, help us communicate with our clients the reasons why their blades are blunting and we can then work together with them to find solutions to whatever problem there is.”

A team from Leitz recently visited Austro to inspect the sharpening centre as well as the processes followed by the saw shop and gave the thumbs up that they are happy that international standards are being adhered to, giving Austro clients that additional peace of mind.
Blue is a colour that is closely associated with future thinking and the coated abrasives produced by Ekamant, the Swedish company that is celebrating 90 years of innovation, and the launch of its new Blue range for the woodworking industry.

Andrew Doubell and the Ekamant South Africa team are inviting all companies that work with wood and composite board products to join their ‘blue revolution’. “We are excited to introduce this blue series of five coated abrasives products that takes technologies adapted from our metalworking range to a new level for South Africa’s woodworking industry,” explains Doubell.

“Since 1928 Ekamant has never compromised on the quality and integrity of the materials, research and design processes it uses to manufacture its products. The whole idea behind this iteration of the Blue range is the necessity to increase the efficiency of our customers by creating products that last longer and deliver superior finishes,” he says.

Together, the collection of five product ranges span the spectrum of sanding requirements from calibration and intermediate sanding to final finishing, with grits ranging from P24 to P2000.

The versatile Ekamant Blue series provides a solution for every woodworking application.

**Ekamant celebrates 90 years with launch of new Blue product range**

The products are:

**High stock removal for calibration and intermediate sanding**

**EKA 1000 Z**
- Backing: F-weight paper with plain or velcro backing
- Bonding: Resin over resin
- Treatment: Antistatic paper backing
- Grit: Aluminium Zirconia
- Coating: Semi-Open
- Grit range: P40 and P120
- Forms: wide belt, narrow belt, disc and roll
- Ideal for hardwoods

**EKA 102 XY**
- Backing: XY-cloth of Polycotton
- Bonding: Resin over resin
- Grit: Aluminium Zirconia
- Coating: Closed
- Grit range: P24 to P150
- Forms: wide belt, narrow belt, disc and roll
- Ideal for hardwoods, MDF and particle board

**Ekamant Blue**
- Backing: F-weight paper with plain or velcro backing
- Bonding: Resin over resin
- Treatment: Polycotton
- Grit: Aluminium Zirconia
- Coating: Closed
- Grit range: P24 to P2000
- Forms: wide belt, narrow belt, disc and roll
- Ideal for hardwoods, MDF and particle board

The versatile Ekamant Blue series provides a solution for every woodworking application.
Intermediate sanding and finishing

**EKA 1000 F**
- Backing: F-weight paper
- Bonding: Resin over resin
- Treatment: Antistatic paper backing
- Grit: Aluminium Oxide
- Coating: Open
- Grit range: P40 to P600
- Forms: wide belt, narrow belt, roll
- Ideal for soft and hard woods, MDF and HDF

**Finishing sanding**

**EKA-BLUE**
- A general purpose abrasive with excellent finishing properties
- Backing: B-, C-, D-weight paper with plain or Velcro backing
- Bonding: Resin over resin
- Treatment: Stearate layer
- Grit: Aluminium Oxide
- Coating: Semi-Open
- Grit range: P120 to P600
- Forms: sheet, disc, roll
- Ideal for soft and hard woods, primers, PE, PU and water based lacquers

**EKA FILM**
- Extended life with excellent finishing properties
- Backing: Polyester film with plain or Velcro backing
- Bonding: Resin over resin
- Treatment: Stearate layer
- Grit: Aluminium Oxide
- Coating: Semi-Open
- Grit range: P150 to P2000
- Forms: narrow belt, disc, roll
- Ideal for lacquer finishes, PE, PU and UV lacquers

---

Ekamant sales consultant Marcel van Bassen with director Andrew Doubell

The EKA 102XY is available in belt and Velcro disc formats. It is perfect for hardwoods, MDF and particle board.

The 1000F range is ideal for sanding soft and hard woods, and MDF and HDF boards.

An allrounder for Intermediate and finishing sanding, the EKA-Blue is the abrasive of choice for soft and hard woods, primer, PE, PU and water based lacquered surfaces.

Finishing sanding can make or break a product, and with its availability in grits up to P2000 the EKA-Film applies the final finish for PE, PU and UV lacquered coatings.
Local manufacturer and supplier of paint and finishing products to the manufacturing industry, Technipaint, showcased their latest in-house manufactured products under their ELVOLAC brand to the industry at the latest installment of the Austro show, held from 11 to 14 July at Austro’s premises in Roodepoort.

According to Mike Draper from Technipaint, the show was a resounding success, with many very positive inquiries received and lots of leads to follow upon.

ELVOTHANE 2 : 1
One of the new products showcased by Technipaint at the Austro show, named ELVOTHANE, is a full polyurethane (PUR) lacquer system, and also happens to be the world’s fastest growing and popular furniture coating.

ELVOTHANE is targeted at the high end furniture manufacturing market as well as kitchen, BIC, office furniture, and shop fitting industries.

Unlike the old PUR systems that were not very user friendly, the new generation ELVOTHANE features:
- Through dry technology, which allows for quick sanding, overcoating, packaging and delivery times.
- Very easy to use with a hardener ratio of 2:1 by volume for the whole ELVOTHANE range
- Formaldehyde free
- Non-yellowing
- Excellent durability
- Economically priced when compared to imported versions

TECHNOWOOD
TECHNOWOOD is a very high solids (+50 %) AC lacquer that was developed for customers looking for a full grain or high gloss finish, without going the polyurethane route. It is an excellent product for all types of furniture and wooden coated surfaces.
- Very fast drying and easy to use
- Excellent build and high gloss
Very good colour stability
Economical when compared to PUR lacquer systems

**ACRYLAC**

ACRYLAC is a PUR modified coating. Because it is lower in solids than PUR lacquers, it is excellent for open grain, satin and matt coated furniture finishes.
- It is non yellowing
- Very fast curing and drying times
- Excellent durability

Acrylac also comes in a fire retardant version. It is very popular internationally where safety is a great concern. It significantly retards the ignition and burning time of the coating, up to x 10 slower than a conventional solvent based product, thus giving more time to either stop the fire or evacuate the building.

**PRECAT**

PRECAT is a single pack internally catalyzed lacquer system [no external catalyst required] that is very easy to use. It features good durability and fast drying, and is good for most furniture coating applications.

**HYDROLAC**

HYDROLAC is Technipaint’s interior water-based lacquer system. Water based lacquers are growing in popularity, not only locally, but also internationally and are starting to compare well with traditional solvent based products in terms of durability. Hydrolac comes in clear and pigmented versions.

Most international water-based lacquer systems are applied with specialised curing equipment, like UV and IR. This technology is slowly coming to the local market as demand increases.
Local woodworking machine supplier and tooling manufacturer, Volker Teske (VT), had an impressive showing at the recently held Austro show, showing off their range of unique laminating solutions, and unveiling the latest product in this range, the Wall Press.

According to director Ingo Teske, the Austro Show, as usual, was a resounding success for the company, with one Wall Press already sold during the first day of the show and a number of very promising leads to follow up on in the aftermath of the show.

VT is well known for its innovative range of lamination presses and the heavy duty sash clamps that accompany them.

The company is also a leader in the refurbishment and sales of used woodworking machines to the local furniture manufacturing industry.

The company’s flagship lamination press, the Easy Press, was once again front and centre as one of the most innovative and versatile lamination press solutions available in the industry today.

The equally impressive A-Frame Press for smaller capacity lamination applications was also on show, but the real star of the show this time around, was the latest in the range, the Wall Press.

Ingo Teske, whose brainchild the Wall Press was, says he had come up with the idea after noticing how many of his smaller clients did not need the capacity of either the Easy Press or the A-Frame Press.

“I’ve had the thought in the back of my mind for a while,” says Ingo. “I wanted to come up with an affordable solution for smaller operators, or even the higher end DIY fraternity, that would allow them to own a lamination press that will not break the bank and that will make sense from a space point of view, keeping in mind that many companies and DIY enthusiasts have very limited space available in their workshops.”
“Then one day I walked into a client’s workshop and realised that I’ve been seeing the solution right in front of me all the time.

“Just about every company has wasted space along at least one wall.”

And so the idea was born. A lamination press that fits snugly along any wasted space next to the wall, and hardly uses up any space at all.

“I did a bit of market research and the idea proved to be so popular that I decided to build the press, and I have not looked back since. The interest in the market is definitely there, and I believe that this product is going to become very popular.”

If reactions at the Austro Show are anything to go by, Ingo is definitely right.

“I was overwhelmed by the interest at the show,” he says. “I was also impressed by the quality of visitors to the show.

“The people who did inquire about my laminating solutions were all serious and interested in doing business. It was refreshing to not have to deal with tyre kickers and time wasters.”

In addition to the tooling and safety products that continue to roll off the production line at the VT factory in Roodepoort, the company is also one of the most prominent suppliers of refurbished classic woodworking machinery to the furniture manufacturing industry, furthermore offering on-site and in-house servicing of machines as well as preventative maintenance inspections, all tailor made to suit the needs and budget of their clients.
Solid Doors leads the way with SATAS accreditation

Likely the most prominent name when it comes to the manufacturing of doors and related products in South Africa, has to be Solid Doors.

Having had quite a humble start some 49 years ago in a small factory in Roodepoort on Johannesburg's West Rand, the chairman of the company saw a huge need in the market for mass produced doors. It has grown in leaps and bounds and despite some setbacks over the years, has become a leader within the industry.

It is also one of the biggest employers within the industry, providing jobs for thousands of people at their two production plants situated at Brits in the North West, and Garankua, near Pretoria.

The company started out as a timber merchant in 1969,” says Solid Doors director, Guy Genislav. “This placed the chairman of the company in the ideal position to spot a gap in the market.

“He immediately set about a plan to capitalise on this need for mass produced and standardised doors within the industry and hasn’t looked back since.”

The operation started out quite small and was very labour intensive. Through the years, it has become a massive cutting-edge operation with production lines consisting of some of the top automated manufacturing solutions in the world, from machine manufacturers such as SCM, Segiani, Itapresse, and Viet.

In fact, the need that Solid Doors fulfilled within the industry was such that by 1987, Solid Doors was the first company of its kind in South Africa to list on the JSE.

It was massive, but, as Genislav put it, it was tedious, and a hindrance to the business as well.

“Solid Doors specialises in the manufacture of doors and related products to the building industry,” he says. “The JSE listing meant that the directors and top management of the company were now more focused on investor and shareholder meetings and reports than on the actual business of making doors.”

This, and a number of other considerations, led to the company de-listing in 1998, and refocusing itself on its initial purpose - a move that would, in time, prove to be the correct one, as the company, over the coming years achieved growth on a nearly unprecedented level, eventually becoming likely the largest door manufacturer in the country, if not the world.

“It was quite a process, but in the end, the company managed to purchase back all shares, and at a higher price than investors had paid for the shares.”

The company continued its growth trajectory and managed to expand its operations to the extent that, in partnership with government, a huge factory, containing five production plants and two warehouses, were constructed approximately 15 km from Bronkhorstspruit.
Here the company employed more than 2,000 people, making them the largest employer in the area.

This would also prove to be one of the toughest periods in the history of the company as, at that time, labour tensions were at an all time high, with lots of political interference serving to exacerbate the situation to such an extent that, as Genislav put it, the company no longer had the means, nor the appetite to try and negotiate with people who simply refused to be negotiated with.

This eventually resulted in the closing down of the massive Ekandustria plant, literally thousands of job losses, and a huge manufacturing plant being abandoned and standing unused to this day.

Solid doors moved their all of their production activities to their Garankua plant and despite it taking a number of years to regain the lost production capacity, the company once again came out on top, retaining its place at the forefront of the door manufacturing industry.

To such an extent that it grew even further, and opened another production facility, this time at Brits in the North West.

Today the company has regained around 90% of its former production capacity and according to Genislav, while it was difficult, the company remains convinced that the decisions they had taken were the right ones.

“We remain at the forefront of the industry,” says Genislav. “Not only in terms of production and numbers, but also in terms of the popularity of our products. A lot of R&D goes into identifying trends and coming up with products that are relevant in today’s building and construction sectors.”

“Unfortunately, there is a huge shortage of skills in this country. The art of carpentry has largely been lost and thus the building and construction sector looks to us to come up with products that are popular among their clients, of premium quality, and that makes their lives easier in terms of installation, especially in an industry where time is of the essence.”

And Solid Doors’ product lines speak of their commitment to honour these industry demands.

Their range of pre-hung and pre-finished doors has proven to be exactly what the industry had yearned for: a product that eliminates the need for scarce skills, that saves time, saves money, and adheres to the strict quality standards that the company is known for.

In addition to pre-hung and pre-finished doors, the company is also the undisputed leader in the pivot door section, which is becoming more and more popular among especially the higher end market.

**SATAS Accreditation**

It is no secret that getting accreditation for your products have become more and more difficult and time consuming as bureaucracy within certain auditing bodies tends to curb the process.

According to Genislav, this has made doing business especially difficult as architects for government housing projects, among others, are increasingly specifying products that carry SANS certification.

“Yet, working to a specific quality standard (SANS 545) you are able to achieve more uniformity in the manufacturing process and more consistency in the final product.”

The need to comply with SANAS (South African National Accreditation System) requirements saw Solid Doors turn to SATAS (South African Technical Auditing Service) for assistance and they have not looked back.

“We did have all the systems for the quality testing of our products in place before, as this was a standard part of our production process, which made it a lot easier for our staff to implement the SATAS audits,” says Genislav.

“Nevertheless, SATAS approval has definitely focused the training of our staff from managers all the way to the general workers and has led to across-the-board upskilling, which is something that our company has always put at the forefront of our activities.

“SATAS have been hands-on in ensuring the production process remains consistent with no variances at all times.”

“SATAS has been highly effective in testing our products and issuing prompt certification whilst following all the necessary SANAS requirements. Their flat management structure has meant the auditing process could be carried out with little to no delays, and the staff carrying out the audits have all shown a high level of skill and interest in the entire process.

“SATAS are the leaders in the auditing of structural timber and this expertise carries through well to the auditing of timber doors.”
The recently held WoodEx for Africa expo saw FOMA Southern Africa take centre stage with their range of professional woodworking machines prominently on display at a massive stand and attracting visitors from far and wide.

Machines on display included the only beam saw at the expo this year, edgebanders, a PUR edgebander, a table saw, dust extraction solutions and even tooling.

While the entry of Chinese-made woodworking machines into the South African market is nothing new, there are very few companies providing these machines that actually stand behind the quality of their products to such an extent that they provide the full range of after sales services, including guarantees and technical back up and maintenance services.

But, FOMA Southern Africa, a joint venture between local board products manufacturer The FX Group, the Chinese state-owned China FOMA Group, and the Shanghai FUMA Woodworking and Machinery Company, has done just that, and with enormous success.

The company, since its formation nine months ago, has gone from strength to strength with significant sales recorded and a surprisingly enthusiastic uptake into the local woodworking market. The customer base extends well beyond the new HDS stores that have been featured in previous editions of this publication.

According to FX Group CEO Mohammed Bera, there is a lot of potential for growth in the woodworking industry in South Africa as well as in the rest of Africa. The strong interest shown by the industry in FOMA Southern Africa machines show that the industry is in dire need of good quality and affordable woodworking machines, as well as for good service and technical and after sales support.

“We are extremely pleased by the overwhelming interest in our machines at WoodEx,” says Bera, adding that while the expo may have shrunk in size, the quality of visitor has definitely improved greatly from previous years.

“The amount of inquiries we’ve had shows that there is definitely a lot of scope for growth within the local as well as the African woodworking industries and the impression we got is that there are definitely new entrants emerging within the industry and that existing companies within the industry are also expanding and looking for new, cost effective and more efficient solutions to aid in their expansions.”

Bera adds that a significant number of inquiries at the expo have come from outside the borders of South Africa.

“This is a very encouraging sign that the industry is expanding and showing some versatility. Although times
are tough, the industry is showing that it is quite resilient and that there is a lot of positivity about the future of the furniture manufacturing industry both locally as well as in the rest of Africa.”

FOMA Southern Africa’s presence at WoodEx for Africa did not only attract significant amount of potential clients, but was also supported by the attendance of three directors from China FOMA, who were very excited at the activity at the FOMA Southern Africa stand and the interest shown in their range of woodworking machines.

“The support we’ve had from our overseas shareholders has been fantastic,” says Bera, adding that, in light of the success at WoodEx for Africa, the company has secured increased support from the overseas shareholders in terms of stock holding, which, among other pledges of further support, will enable the company to provide very competitive offers to potential clients.

“It must be said that our international shareholders have been very impressed not only by the results we’ve managed to get from WoodEx for Africa, but also by the performance of FOMA Southern Africa in the nine months since the establishment of the company.

“So much so that they have really been pulling up their sleeves in terms of further enhancing their support for the company and its further expansion within the South Africa and African markets.”

The use of wooden products in everything from construction, to furniture manufacturing, to decking and cladding has seen a worldwide resurgence of late.

Being a completely sustainable, and, as some call it, the ultimate ‘green building’ product, it is no wonder that it is increasingly being utilized as not only a structural element in many buildings across the world, but also as a practical product, and, in many cases, purely to enhance the aesthetical properties of a building or structure, both inside and out.

A relatively new entrant into the South African market, Lunawood, locally represented by Nordic Paper & Packaging (NPP), recently showcased Lunawood’s impressive range of products at WoodEx for Africa, held at the Gallagher Convention Centre in Midrand from 11 to 13 July.

According to NPP sales executive, Leo Lähteinen, the first shipment of Lunawood reached South African shores from one of three of the company’s production plants in Finland, around two years ago, and the product has been taken up into the South African market since.

Manufactured from old growth Scandinavian pine and spruce, Lunawood possesses a number of properties that is specifically attractive to the decking, shopfitting, cladding and solar shades market in South Africa and around the world,” says Lähteinen.

“Scandinavian Pine/ Spruce grows around 50-80 years in natural forests before being harvested whereas local pine is harvested after around 15-20 years, making it not only much stronger, but much less prone to bending than local varieties.

“The process of Lunawood is unique in that only heat and steam is utilized during the production process, which means that the wood is thermally stabilised, resulting in a product that is ideal for South African conditions. It holds it’s shape very well, even in the most trying outdoors conditions.

“One of the features of Lunawood, compared to other exotic wood products, is that it contains virtually no resin or oils, making the application of wood treatments very easy and effective. Heat treatment decreases the wood’s moisture content so low, that the weight becomes practically around half or less than exotic wood products.

“This, along with the superior stability of the product, is one of the many reasons that it has become a favourite among local architects, shopfitters, installers and contractors.”

Lunawood manufactures a number of different products for the building and construction as well as the shopfitting industry that cater for every need including facades,
decking, solar shading, frames and joints, interior applications, and sawn timber industrial end uses.

Sawn timber is a great alternative for local manufacturing and production companies as one can machine Lunawood Thermowood into client-specific profiles.

Lunawood products come in two main categories, namely Luna Thermo-D, which is ideal for outdoor use even in the most extreme climates, and Luna Thermo-S, which is ideal for indoor applications.

According to Lähteinen, Lunawood has been locally used in a number of large projects as well as in some well-known restaurant chains, and it is increasing in popularity to such an extent that many architects are specifying Lunawood due to its wide profile portfolio, quality, and proven durability.

“Lunawood products are certified to a class 2 by European EN standard, which means that it is ideal for outdoor, above ground applications,” he says.

“Lunawood is a member of the International Thermowood Association, which means strict quality control processes are followed during the thermal treatment process in order to comply with the standards as set forth by the association.”

Lunawood at WoodEx for Africa

According to Lähteinen, the Lunawood stand at WoodEx for Africa drew a lot of attention from the local industry.

“We were very impressed by not only the number of inquiries that we received, but also by the quality of the visitors at the expo.

“Over the three days of WoodEx for Africa, our representatives were kept thoroughly busy and have come away with lots of leads to follow up.

“All in all, we got good exposure and were able to showcase various possibilities”, ■
Attractive surfaces are more than just easy on the eye. The emotion that is felt when running a finger or a hand over a cupboard or when touching doors or drawers is all about the feel and finish of the product.

Pearlman Veneers is a leading South African manufacturer and distributor of quality veneered boards, natural and reconstituted veneer bundles and lay-ons. They are a national operator with warehouses in Johannesburg, Cape Town, East London and Bloemfontein. Pearlman Veneers is proud to announce a newcomer to its range of products. They have recently launched German engineered Lacklaminate boards in South Africa which will be sold under the exclusive brand name; Fine Décor.

Darren Pearlman, the managing director of Pearlman Veneers says that there has been a strong response from the industry when they heard that the boards were available. “Increasing numbers of local shop fitters, cut and edge operators and furniture manufactures are contacting us daily and are pleased to have a choice of eleven new boards with matching edging available from our sister company, Upper Edge Products.”

The Polyethylene terephthalate (PET) laminate boards are sold under the name Fine Décor Lacklaminate boards and are available in six High Gloss and five exquisite Super Matt finishes. This exciting new range which is coined to be “Powered by Pearlman” will of course be extended in due course.

Pearlman states that they are excited to be launching the new High Gloss range but are enthusiastically awaiting the response from the launch of the newly introduced Super Matt boards. Pearlman believes that Super Matt surfaces have become a global sensation and is therefore proud to be introducing the Fine Décor boards to the South African market.

NO LACK OF INNOVATION WITH PEARLMAN’S NEW ENVIRONMENTALLY FRIENDLY FINE DÉCOR LACKLAMINATE (PET) BOARDS
According to the experts at Fine Décor, the Lacklaminate boards have been manufactured to the highest quality standards and have withstood 400 hours of light resistance testing as well as 30 chemical and 13 stress tests before they were introduced to the public.

The quality assurance measures make the Fine Décor Lacklaminate boards highly scratch-resistant, with high UV, water and chemical resistance. One of the major advantages of this product is that it is environmentally friendly and recyclable. This has caused tremendous excitement within the industry as stakeholders have been longing for a “greener” product to be introduced.

Pearlman also explains that an amalgamation of surface, colour and texture is steadily becoming the newest trend within the South African market. This has led to the decision to introduce the High Gloss and Super Matt surfaces which can easily be paired with veneered boards to create an attractive interior scheme – all available from Pearlman Veneers.

Pearlman further explains that Fine Décor Lacklaminate surfaces are ideal for furniture, shop fitting, hospitality settings as well as home and interior spaces. Applications for the range of boards include vertical displays, doors, drawers and cupboards where a glossy or matt surfaces make the perfect choice.

“A mixture of surfaces, texture and colour make for exquisite spaces.” – Darren Pearlman

“Super Matt surfaces has become a global sensation” – Darren Pearlman
CMC Group was well represented at the recent WoodEx for Africa expo held at the Gallagher Convention Centre for 11 to 13 July.

While the company did note their disappointment with some significant absences and a lack of support for the event, they had a lot of praise for the show, saying noting that they had received a lot more visits - and better quality visits - at their stand this year in comparison with previous years.

This clearly indicates that the event can be successful and an all-inclusive representation will benefit not only the existing exhibitors but the clients as well.

“As local suppliers we feel that WoodEx as it stands basically offers companies a marketing portfolio to launch new machinery or goods and expand the various brands they represent," says CMC CEO Pieter Olivier.

“It will take time to reach the stage of the old WoodPro show, where everyone in the industry went all out to display and sell their machinery and products.”

The CMC Group attended the 2018 exhibition to promote new range of wood and aluminium machinery from their affiliated Alusmart division. Pieter Olivier CEO of the group created strong interest in the Yilmaz brand of aluminum machinery, as many woodworking manufacturers is steadily expanding strategies to include aluminum doors and windows production.

According to CMC national distribution and sales manager, Del du Toit, interest in the CNC machinery on the aluminium side created most of the inquiries received at the stand, adding that this year, the company offered something new to the exhibition instead of the standard products on display.

CMC’s woodworking ranges of machinery also received interest with the Ribbex Rocco on display. This machine now offers clients the ability to make Korean worktops and various other products in-house. These products could previously only be imported from Europe and Asia.

The Rocco heats and shapes Korean sheets of any colour into products such as wash basins, shaped display and kitchen tops as well as kitchen islands, creating an upmarket and designer feel to any reception or kitchen unit.

The CMC Group installs and trains factory staff on the safe use of this type of machinery, which provides a one-stop-shop for the foiling, laminating, and bending of products.

CMC also featured a CNC nesting machine at WoodEx for Africa. With very good quality features and workmanship, the AES 2142 extreme model was definitely a cut above the rest on display.

This model in short offers Italian 12kw HSD Elektro Spindle, with two German Becker vacuum pumps on a stand to protect them from moisture and dust.

This model also offered an offloading system with built in dust sweeper to clean the machine during use.

The Alphacam team on our stand also got significant interest as the AES drives of the Alphacam advance software and cabinet vision packages. Stillam represents the Alphacam brand in South Africa.

“The Cmc group want to thank Ryan and his team for assisting us on the show, and look forward to the ongoing support and sales from Stillam,” adds Olivier.
**Machinery is in our DNA**

**KDT Woodworking Machinery**

**KDT-838CP BEAMSAW**
- Pressure beam automatic positioning system, moves according to different board size, increasing cutting efficiency by 25%.
- Dual pneumatic system for pressure beam, with holding function, avoiding pressure beam dropping down with electricity or air shortage.
- Pull back position is automatically controlled, based on next cutting length, this can reduce unused moving time and greatly improve efficiency.

**KN-2309S CNC BORING CENTER**
- High-speed vertical & horizontal drilling
- Double boring heads
- Accurate grooving saw
- CNC controlled

**KE-468JK EDGEBANDER**
- Auto lubrication.
- 23 m/min inverter speed.
- ABS / veneer / high gloss edge types.

**KE-565JHS EDGEBANDER**
- PUR injection system
- High speed 25 m/min
- Perfect edge for acrylic high gloss board

---

**Contact Information**

**KWAZULU-NATAL (Head office)**
Tel: 031 569 2645  
Email: cmckzn@cmcsa.co.za

**GAUTENG**
Tel: 011 672 7264  
Email: cmcjhb@cmcsa.co.za

**CAPE TOWN**
Tel: 021 555 0852  
Email: cmctc@cmcsa.co.za

**www.cmcsmachinery.co.za**
Local machinery supplier Geerlings had a busy month, exhibiting their range of top-of-the-line woodworking and finishing machinery at WoodEx for Africa in Midrand, as well as open days at their newly launched headquarters and showroom in Roodepoort from 11 to 14 July.

According to Geerlings CEO, Arnold Geerlings, the company has always favoured events like WoodEx for Africa as it creates an opportunity to exhibit their machines in an industry specific setting, and also, for the industry to get together and promote innovation and ideas.

WoodEx for Africa

Although smaller than in previous years, the Geerlings stand at WoodEx for Africa was a hive of activity throughout the show, with visitors eager to see what the company had in store for them.

As predicted, one of the most popular attractions at the Geerlings stand this year, was the Edda 1000 Horizontal Circular Stretch Wrapping machine for panels, doors and components.

This was the first time that this post-finishing machine, designed for bubble wrapping panels for dispatch and transport, which is very popular internationally due to the exceptional value for money it offers, has been shown in South Africa.

Another hit for Geerlings at WoodEx for Africa was the SCM K560 edgebander. The K560 is part of a new generation of edgebanders from SCM and is widely hailed as the most reliable edgebander that they have ever sold.

The SCM K560 features SCM’s new award winning patented SGP (smart glue pot), a self cleaning glue pot that allows for quick changeovers from PUR to EVA and vice versa, and, due to a unique spreading roller, produces the perfect joining line for edging.

In addition Geerlings also displayed a range of other machines, including the SCM Minimax panel saw, spindle moulders, smaller edgebanders, as well as traditional single function machinery from top Taiwanese manufacturer, Holytek, and a range of Geertech machines, originating from carefully selected and quality-proven Chinese manufacturers, at very competitive prices.

According to Arnold Geerlings, WoodEx for Africa was definitely worthwhile for the Geerlings team, even though the expo has become a lot smaller than in previous years.

“Unfortunately the expo has become quite a bit smaller, and in addition, people had to actually pay to visit the expo. But on the bright side, we had a number of very productive meetings and some strong leads generated at WoodEx for Africa.

“There were some issues for me, for instance, the fact that it was held in Midrand, meant that, no matter where visitors were from, they would have to face some serious traffic on the way home. I think this was a bit of a deterrent to some potential visitors.”

Geerlings cover all the bases
Geerlings open days

As part of the launch initiative for their new headquarters and showroom, Geerlings held a series of very productive open days running concurrent with WoodEx for Africa.

This was to officially welcome their clients and potential clients within the industry to the impressive new premises along the busy Ontdekkers Road in Roodepoort.

According to Arnold Geerlings, the initiative was a success in that it attracted many of their existing clients, and some potential clients to the new premises.

“We had very productive meetings with our clients and we have managed to generate a number of leads, both from existing and from potential customers.

“The open days served as the introduction and the official launch of our new premises and we were very pleased with the results.”

The company showcased a wide range of machines at their open days, with one of the main attractions being the Morbidelli M100 CNC machining centre for drilling and routing from SCM.

According to Arnold Geerlings, this is one of the most popular machines ever built by SCM. So popular in fact, that within 2 months of introducing the machine, SCM had filled up their order book for the following 12 months.

“The backlog has since been addressed and sales are going extremely well,” he says.

Other machines taking centre stage during the Geerlings open days were the SCM K560 edgebander, the Edda 1000 Horizontal Circular Stretch Wrapping machine for panels, doors and components, a number of finishing solutions from Cefla, as well as smaller machines from Taiwanese manufacturer Holytek, and a number of Geertech machines.

Other exhibitors at the Geerlings open days were Stillam, showcasing their Alphacam and Cabinet Visions kitchen and furniture design software, and WoodGlass Coatings displayed their range of lacquers with fine Italian finishes, from high gloss to PU and water based products.

Geerlings auction

As part of the initiative to officially launch their new premises, Geerlings also hosted an auction of second hand machines at their old factory in Chamdor, Krugersdorp.

According to Arnold, the auction was a massive success, with the company achieving exactly what it set out to do with this event: decrease the stock holding some of the smaller second hand machines in terms of their long term plan to focus on new machines.

“We’ve managed to clear about two thirds of the second hand stock that we had on hand, including nearly all the smaller machines that we had in stock. This will allow us to free up some space and concentrate more on pushing our newer machine ranges, from SCM woodworking machines and Cefila finishing solutions, which are our primary ranges, to the excellent quality Holytek range of machines, as well as the Geertech range of carefully selected machines, which originate from China.”
Local machine woodworking machine supplier REM had a fantastic showing at the recently concluded WoodEx for Africa expo.

From the opening day, their stand attracted lots of interest from showgoers, to such an extent that, by the end of the first day, they had sold out their entire show stock of the very popular Lamella wood connecting systems, forcing them to restock the stand.

“It was a very good show for us,” says REMs David Dennis. “We were very impressed by the popularity of the Lamello range, with fantastic sales recorded at the show, and even more leads to follow up on.”

In addition to the Lamello range, REM also showcased their complete factory solutions software system, Top Solid, which also generated a number of positive leads.

“In addition, we also had a good number of machine inquiries,” says Dennis. “All in all, the show was a really good experience for us.”

REM has been a firm supporter of such trade shows and believes that being involved within the industry community is of vital importance.

“It is important to be active as a company, by supporting events like WoodEx for Africa, and also getting involved within the industry community, via industry associations etc.
The REM stand was a hive of activity during WoodEx for Africa.

"Tough times or not, I believe that being actively involved does, at the end of the day help. "

"We have been very fortunate that we have enjoyed strong support from our customers, and that we were have been able to continually attract new customers."

"Our philosophy of building strong customer relationships and being proactive, not only with our customers, but also in our dealings with the industry community, has played a large part in the company managing to grow despite tough economic times."

REM is hosting its own internal show in September this year, where it will showcase its current line up of machines and solutions for the woodworking industry, and also launch some new products. ■
Interbuild Africa celebrates its 50th birthday with a bumper event

Interbuild Africa is celebrating half a century of dedication to Africa’s SME building services and construction market when it returns to the Johannesburg Expo Centre at Nasrec, Johannesburg, from 15-18 August 2018.

Interbuild Africa was launched in Johannesburg in 1968, as Interbou, and has served South Africa’s building and construction industry for over five decades, to become the largest and longest running trade show of its kind on the continent.

Sven Smit, portfolio director at Specialised Exhibitions Montgomery, says Interbuild Africa and its co-located shows should not be missed by anyone operating in the building, construction, and related industries.

“The tide is turning for small to medium sized building services contractors,” comments Smit. “The local construction sector is an important segment for infrastructural development, employment opportunities and economic transformation.”

There are increasing opportunities for emerging building contractors in an industry, which was once dominated by major players, and Smit says Interbuild is the ideal trade show for smaller contractors.

The show’s visitors are provided with the opportunity to source the latest industry products and services, and benefit from the show’s wide range of educational content in the form of seminars, workshops and conferences.

“As Interbuild Africa reaches this major 50th milestone, the South African building services and construction sector has weathered tough economic conditions and is starting to reap the rewards of the changing economic landscape.”

The show’s profile of visitors includes: architects, quantity surveyors, land surveyors, draughtsmen, engineers, production managers, supervisors and artisans, small and medium sized building contractors and sub-contractors, as well as government officials.

Interbuild Africa is supported by several highly respected industry bodies, including: Master Builders South Africa (MBSA), The Association of South African Quantity Surveyors (ASAGS), The South African Institute of Occupational Health and Safety (Saiosh), The Association of Architectural Aluminium Manufacturers of South Africa (AAAMSA) and the South African Glass and Glazing Association (SAGGA).

These industry associations have partnered with Specialised Exhibitions Montgomery to present a series of conferences and workshops alongside the exhibition. The free-to-attend seminar programme will run daily and is open to all visitors at the show. Some of the topics at this year’s show include:

- The evolution of SA’s construction industry
- Reshaping the local industry landscape
- 2018 trips and trends in plumbing
- Bullet-proof strategies for building your business
- Successful tendering
- Green building trends
- How virtual reality is changing the construction landscape.

ITC-SA to host CPD-accredited timber conference at Interbuild Africa

The Institute for Timber Construction South Africa (ITC-SA), will host a CPD-accredited timber construction conference on 16 August at Expo Centre Nasrec during Interbuild Africa 2018.

The ITC-SA is committed to taking every opportunity to host information-sharing events like workshops, training sessions and presentations, which help to inform the industry and public. The organisation is the SAQA-accredited professional body and watchdog for the timber construction industry in South Africa.

“The Timber Construction Conference we will be hosting at Interbuild Africa is no different and we are delighted to be bringing top industry experts together at the conference to share their wealth of knowledge and insights into various facets of timber construction, from strength grading of structural timber to treatment and surface coatings on the completed structure,” says Amanda Obbes, general manager of the ITC-SA.

The speakers at the conference and their topics are:

- Werner Slabbert Jnr: Timber frame building
- Elliot Nkosi of the ITC-SA: Site-made versus prefabricated timber trusses
- Elliot Nkosi of the ITC-SA: Site-made versus prefabricated timber trusses
- Abe Stears of South African Technical Auditing Services (SATAS): Certification of structural timber
- Willie Conradie of TimberLife: Outdoor wood coatings
- Bruce Breedt of the South African Wood Preservers Association (SAWPA): Timber treatment, standards and regulations.

“ITC-SA’s Timber Construction Conference is open to everyone who is interested in attending, whether they are construction industry professionals or members of the public.

The conference will be of exceptional value for anyone looking to have a timber roof, home or deck built and industry professionals can enjoy the added value of the event’s accreditation with the Engineering Council of South Africa (ECSA) for one CPD point,” Obbes concludes.

Space at the ITC-SA’s Timber Construction Conference is limited; tickets are available for R50 each via Quicket at this link: http://bit.ly/2L1oQjf. All those interested in attending are encouraged to book their tickets as soon as possible to avoid disappointment. For further information about the conference, email enquiries@itc-sa.org.
SKILLS DEVELOPMENT TRAINING

Take a step forward into the roofing industry or brush up on your current skills.

COURSES ON OFFER
- Online Roof Specialist Level 1 (Erector training)
- Level 1 Estimator/Designer Course (6 CPD points)
- Level 2 Estimator/Designer Course (5 CPD points)
- Inspector training (3 CPD points)

The ITC-SA's online training courses are specially designed for both newcomers to the industry and experts who wish to enhance and update their knowledge base.

Visit www.itc-sa.org/training-courses/ to find your fit.

ITC-SA CERTIFICATIONS

CREATING AND MAINTAINING THE HIGHEST STANDARDS IN THE ENGINEERED TIMBER CONSTRUCTION INDUSTRY IN SOUTH AFRICA

www.itc-sa.org

HEAD OFFICE
SAFCA Building | 6 Huley Road | PO Box 636, Isando, 1600
Tel: +27 (0) 11 974 1051 | Email: enquiries@itc-sa.org

BRANCHES
South / Eastern Cape | KwaZulu-Natal | Western Cape
The WEINIG Group: Machines and systems for solid wood and panel processing

Innovative state-of-the-art technology, comprehensive services and system solutions through to turnkey production lines: the WEINIG Group is your partner for profitable processing of solid wood and panels. WEINIG quality and profitability give small businesses and industrial operations a decisive edge in the global competition.

SOLID WOOD

Planing, profiling, tools, sharpening
Cutting, scanning, optimization, gluing
Windows, doors, CNC technology
Finger jointing, forming, edge profiling

PANEL PROCESSING

Edge banding
CNC processing
Vertical and horizontal cutting solutions
Automatic panel handling

www.weinig.com

WEINIG OFFERS MORE