

Pinomatic participating in Ligna fair!

Welcome to our stand F68, hall 12

Pinomatic is participating now for the 3rd time as an exhibitor at the Ligna fair organised in Hannover, Germany.

At the stand will be presented the Pinomatic production line solutions for the companies in the wood industry.

18-22.05.2009

LIGNA

HANNOVER · GERMANY
 Weltmesse für die Forst- und Holzwirtschaft
 World Fair for the Forestry and Wood Industries

Pinomatic offers solutions based on over 20 years of experience!

Pinomatic Ltd's wood handling know-how areas include production lines for door and window factories, panel and moulding factories and furniture factories as well as planing, finger jointing, finishing, wrapping, sorting and cross cutting saw lines. Turnkey production lines for edge glued panel production can be delivered.

Products include stackers, destackers and automatic mechanisation solutions, edge gluing presses and Wood Vision scanner systems for the automatic grading of wood.

All equipment and lines are manufactured at our own factory, from machining to electronics and automation. Our numerous good references also gain new customers' confidence in Pinomatic products!



Pinomatic Fair-Team.

Kurikka Timber Oy doubles its production with a new line



First project meeting at Kurikka Timber: Managing Director Jaakko Kurikka (left) and Production Manager Päivö Hietikko with Jouko Ventelä, Matti Rantala, Ari Järviluoma, Timo Haapala and Petri Oravamäki from Pinomatic Ltd.

Kurikka Timber Oy, operating in Suolahti, Finland, has built a new 2800 sqm component plant on a plot next to its current premises. The new plant manufactures glued window and door components. The automatic mechanisation equipment were delivered for the new line by Pinomatic Ltd.

Kurikka Timber Oy is over 80 year old family business. The company manufactures finger-jointed, insulated and solid wood window components. The company also operates its own sawmill, which ensures the reliability of deliveries. The customers include major window producers in the Nordic countries

and elsewhere in Europe. Kurikka Timber exports over 80 per cent of its production. The company provides employment to over 50 employees and the turnover is about 13 million euros per year.

Good raw material, customer-oriented operation and product development as the cornerstones

For the raw material of window components Kurikka Timber uses densely grained pine, which features durability and excellent machine-tooling properties.

The company is also known for its good service. Kurikka Timber provides the window industry with individual delivery batches that are optimum for the clients. In dimen-

sioning, the special wishes and requirements of clients can also be taken into account.

Product development is specially focused on the energy-efficiency of windows, distortion resistance and even quality of components. Kurikka Timber has developed also new insulated window component, which meets the increasingly demanding requirements of energy efficiency.

The company promotes ecologicalness and energy-efficiency in the processing chain as a whole, from the procurement of wood, to finished products. The company holds the ISO 9001 quality certificate, and PEFC and SP certificates. The PEFC certificate shows that the principles of sustainable forestry are applied in all parts of

wood harvesting and in the planing and maintenance of stands marked for cutting.

In 2006 Pinomatic Ltd delivered a mechanisation of a finger-jointing line to Kurikka Timber. Line was also modernised in 2008. The main machines of the line include a planing machine, moisture meter, scanner, two optimising cross-cutting saws and a finger-jointing machine.

The line begins with the feeding of sawn timber, which will emerge at the end of the line as finished finger-jointed window components, packaged on different platforms by individual orders. Line solutions enable also production of solid wood components that are cut in sizes.

Pinomatic mechanisation for new factory

The latest and biggest project of Pinomatic and Kurikka Timber Oy will be completed this spring.

Pinomatic delivered two production line entities, of which one is finger-jointing line similar to that in 2006/2008. In addition, a high automated press line was delivered. The line features high frequency press. Capacity of the factory is going to be over 50m3 ready made window component per one shift.

According to Kurikka Timber's Managing Director Jaakko Kurikka and Production Manager Päivö Hietikko, the innovative perspective in planning was the conclusive thing when choosing the supplier for the mechanisation of the new factory. "The close cooperation with supplier is vital for us. In everyday work developing process improvements and the developing of the existing production lines is part of our competitiveness. We want to work with partners that can answer our needs also after the delivery", adds Mr. Hietikko.



Mr. Kurikka and Mr. Hietikko are very satisfied that the new factory project finishes in timetable.

New representation in the German-speaking area: CTR Holztechnik



Eckart Müller



Maximilian Riegg

For a decade now, CTR Holztechnik has been a professional partner for the modern wood processing industry in Europe. The company was established in 1998 by Eckart Müller, Dipl.-Ing. (FH) Holztechnik.

As a small and high performance company, CTR Holztechnik consults with and supports the development of companies in the wood-processing industry and helps them to adapt to market developments. CTR's solid long-term experience and know-how in the fields of wood engineering and marketing, along with the innovative and reliable machinery supplied by Pinomatic, will help any business to find the best solutions and

support the growth of companies of any size. In this way Pinomatic and CTR Holztechnik complement each other in an excellent way which bodes extremely well for their future cooperation.

Your contacts are CTR's planning and sales engineers, Mr Eckart Müller and Mr Maximilian Riegg. Both of them have long term experience of production and planning in the wood industry.

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Finnsobo Bois' new agent in France

Mr Christian Lallia has almost twenty years of experience in the sale of technology solutions to the woodworking industry. All these years of peregrinations, business and cooperation between France and Finland, which have been based on confidence and partnership, have left him with a solid knowledge of the market, the techniques it requires, and the cultures it envelopes, and he has gained the reputation of being a true professional and a reliable partner.

"Half French, half Finnish": after twenty years of ordinary life split between the two European countries and their respective cultures, Christian Lallia is an experienced interface between the French and the Finnish ways! The process of cooperation with the Finns started in 1989 through another company. When this company ceased its activities, Christian established his own company, called Finnsobo Bois, in 1999 and it is located in Paris. Christian brings a local presence to the French markets and enables his customers the



Christian Lallia

convenience of being able to use their mother tongue in all business procedures.

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AS Viljandi Aken ja Uks has automated its production with Pinomatic equipment



Pinomatic 1900 stacker at the end of finishing line.

Pinomatic 1900 stackers and unstackers are working hard in the production areas of the Viljandi Aken ja Uks door factory in Viljandi, Estonia. After their very first delivery the customer was so satisfied with the know-how of Pinomatic that there have already been many other deliveries to the factory.

Viljandi Aken ja Uks AS is a window and door manufacturer in Estonia. The company manufactures and markets wooden windows and wood and aluminium windows, and balcony doors, as well as interior and exterior doors. Products are manufactured in standard dimensions, although special dimensions are available, for private houses and public buildings.

The company's headquarters are located in Viljandi, and there are also window and door factories on the same site. The components factory is located in Saru viljage, Võru.

The factories were established in 1990 and at the end of that year there were 35 employees. In 1995 the factory gained a new private owner and today the company employs about 475 staff. The company's turnover was 27.8 mil-

lion euros in 2008 and the main markets are in the Scandinavian countries. The company holds the ISO 9001 quality certificate.

Pinomatic's first delivery to Viljandi Aken ja Uks took place in December 2005, when a stacker Pinomatic 1900 was installed onto the infeed of an edge band machine. After this there have been many deliveries to, for example, the painting line, and if Pinomatic 1900 stackers are calculated on their own, there are as many as seven stackers in use.

Some of the deliveries have been stackers or unstackers on their own. The special thing to note for these most recent deliveries has been that, according to the customer's wishes, they have installed the stackers themselves. This fact also represents the user friendliness of the model in terms of the installation and implementation phase.

Increased competitiveness

The Viljandi Aken ja Uks door division manager, Jaan Vides, comments that cooperation with Pinomatic has developed to be very successful: "Thanks to Pinomatic stackers we have had the opportunity to decrease heavy lifting by employees and by this means we have increased our productivity. This has allowed us to really compete on the market. Recently I came

across a good example of the quality of Pinomatic machines. When I asked how the work was going with the stackers, our technical services had completely "forgotten them". I can happily admit that there has been absolutely no problem at all with the stackers and I hope we can continue our very fine levels of cooperation with Pinomatic," Mr Vides adds as a conclusion.



Pinomatic will exhibit at Wood 2009 Fair in Jyväskylä

Pinomatic will exhibit at Wood 2009 Fair in Jyväskylä. Welcome to meet us at our stand B-221.

Automation solutions for production lines

Part 5. Edge gluing press line

Pinomatic can provide edge glued panel factories with a comprehensive automatic production line complete with edge gluing press and a scanner, by a turnkey principle.

The Pinomatic edge gluing presses work continuously combining the warm press required for urethane adhesives, with the power of a friction press, whereby it can be used for pressing both hard and soft wood species. Thermal processing corresponds to the warm-plate pressing technique, but the machines also feature the properties of the friction press, such as minimum need for sanding, and suitability for use in production lines.

Edge gluing presses are available in various models according to capacity requirements and maximum panel size. Now we will learn the functioning of the edge gluing press line, starting from plane feeding.



5. Sanding and stacking

After the press the conveyor system gathers the boards together and transfers to the sanding machines, where the bottom and top surface of the boards are sanded.

After the sanding the boards are transferred to the assembly table in the formation of platforms, and the stacking device lifts the boards into stacks.

4. Sawing

The line can be supplied with a cross-cutting saw, which saws along the seam direction, or with a trimming saw, which cuts a board in halves and/or trims the ends. This helps to improve the wood utilisation level and decrease the costs of cut materials.



1. Feeding of planer

At the beginning of the line the destacker lifts the pieces that are cut in length onto the line. The plane infeding device feeds the pieces for the planing machine.



2. Manual or automatic grading

The lamellas coming from the planer arrive to a conveyor, which transfers these to a cross-wise chain conveyor. The person performing the grading collects a stock on a sorting table, inspects it and sends it by means of conveyors ahead to the feeding of gluing unit. The lamellas rejected at grading are taken away by a conveyor.

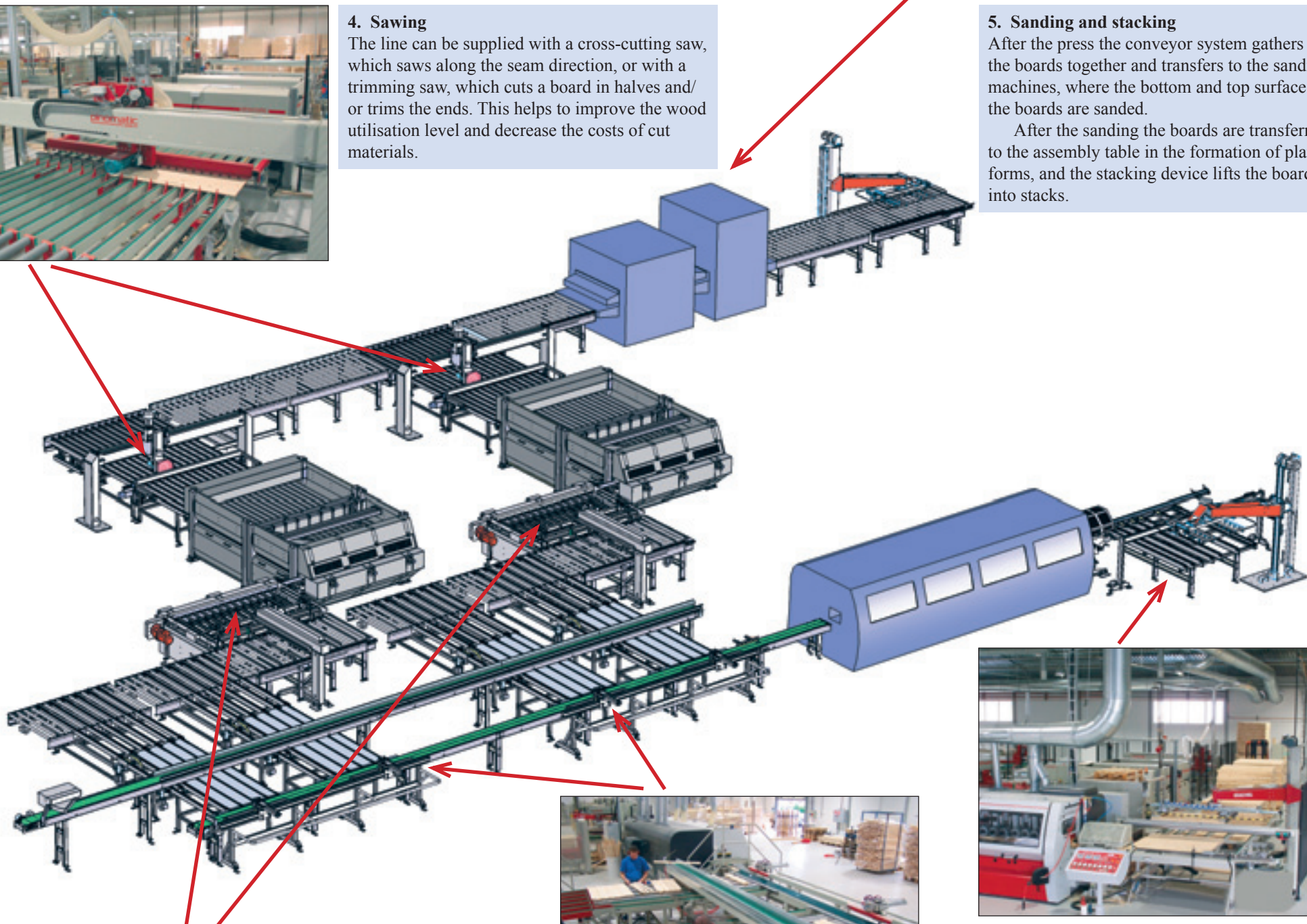
The line can be supplemented with a scanner, which substitutes manual grading. In addition to the scanner the line would also need special conveyors after the planing machine. The lamellas, which are positioned next to each other are dropped, sorted, broken ones removed and the rest are fed into the scanner. Different quality grades can either be fed to the presses, or some qualities can be guided away to a stacker, for example.



3. Press

After the scanner the lamellas are guided to the front tables of pressing machines. A specially fast feeding device (maximum speed 300 m/min) delivers the lamellas from the front tables through a patented ball gluing unit to the press.

A hydraulic thrust plate pushes the lamellas one by one to the press. Presses are available in various lengths and widths to meet the different capacity requirements.



Pinomatic employees

Dedicated professionals in Pinomatic Ltd production

The production of Pinomatic products involves skilful personnel and solid knowhow. The production executes lines and equipment exactly the way the customer has ordered. The production managers of Pinomatic bring their own first-hand experience into the production.

Seppo Lehtinen as the production manager of Pinomatic is responsible for mechanical production. Seppo has worked for Pinomatic since 2002. Having graduated as the engineer of construction technology, Seppo has over 30 years of experience in the conveyor industry, during which he has undertaken the tasks of a welder, installation mechanic and a design engineer.

Seppo has participated in several installation trips to abroad and acted also as a project manager in conveyor system delivery projects in the paper industry, having thereby a comprehensive vision of complex deliveries.

Having celebrated his 50th jubilee in March, Seppo is interested in fitness activities, incl. Nordic Walking and badminton, repair jobs and everyday practical exercise, e.g. by making firewood in the woods.

Jouko Ventelä as the production manager is responsible for electric automation. This year Jouko will celebrate a 15-year career at Pinomatic, and he really knows the company and the production inside out.

By his training Jouko is an electrical engineer, who has in-depth knowledge of the field. His vision of the current work is influenced among other by his long experience in electrical planning, installation works and installation supervision.

Jouko's hobby is to toil with old cars and tractors. For example, he has restored a Chevrolet Corvette from 1973 into a truly superb condition.

Besides work and hobbies Jouko also keeps busy with farming. He has his own farmstead to tend to, and on the fields he is cultivating cumin among other.



Jouko is planning to take a drive with his Corvette, while Seppo counts on Nordic Walking.

Appointment news



Marko Jaakkola started at the service of Pinomatic Ltd on May 5, 2008. By his education Marko is an engineer in electrical technology. His graduation paper was about the various connection techniques of programmed logics and touch screens.

Marko's assignments include the programming and commissioning of equipment and lines. He is also the person responsible for the commissioning of the Pinomatic Wood Vision scanner.

Marko has earlier experiences in the maintenance tasks of electrical devices in a saw-mill among other, and in electrical automation installation tasks and equipment assembly.

Recognitions

Pinomatic recognises its distinguished employees with the silver badge of merit of the Federation of Finnish Enterprises. Employees that have been recognised earlier with the silver badge of merit were represented in the News 1/2008.



Juha Pitkäranta has worked for Pinomatic Ltd for 10 years. Initially Juha joined in as an installation mechanic and later has also been involved in maintenance works. Juha is an expert in gluelam pressing machines and is also familiar with logic programming. He is currently active mainly in product development.

pinomatic

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Pinomatic was placed third in the Kauhajoki Company-Floorball-Games 2009.