LOGOSOL

FRESH CUT!

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A Woodworking Star in Action

The Logosol WoodWorkers Mill is a star in the video *Logs to Lumber* by WoodWorkers Guild of America. “The mill did great! However there was some confusion whenever the director yelled ‘cut!’”, says George Vondriska, woodworking expert.

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Modern Vikings choose Logosol

The future Vikings next to the log, which is to become the ship that will take them over the Atlantic to America, where the Vikings landed 400 years before Columbus.

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Setting up for Business

Dave Barnes purchased a Logosol PH260 planer/moulder. “It is one of those things that we could take out of the box and make money with it that day,” he says.

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Logosol’s Charlie Griffin demonstrates the adjustments on the Logosol PH260.

SUCCESS FOR OPEN HOUSE

Jim Birkemeier in Madison, Wisconsin was the perfect host when Logosol held its 2008 Spring Open House.

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Woodworking on the Schedule

“All subjects are included in woodworking,” says Stig Fritzon, teacher in wood- and metalworking. This spring he ordered a jointer/planer from Logosol.

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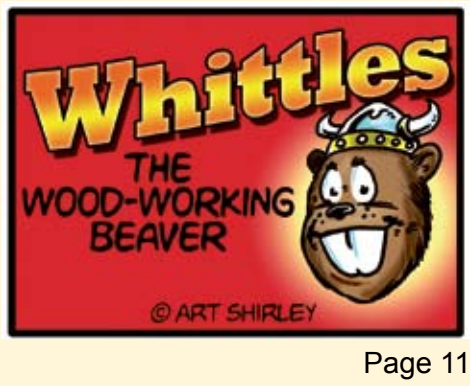

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Leadership Change at Logosol, Inc.

There's change in the air at Logosol! Janne Engvall, a long-time member of the Logosol worldwide family of Logosol has moved to the United States and is now directing operations at Logosol, Inc.

Janne has an extensive history at Logosol, AB, the Swedish parent company of Logosol, Inc., and has been an important part of making the Logosol sawmill one of the world's best selling sawmills. Janne quickly climbed up the Logosol, AB corporate ladder where most of his years were spent as Sales Manager, until he moved into the Marketing Manager slot, where he's been active in Logosol, AB's world-wide market. In addition to his native Swedish language, Janne also speaks German, and English, but he says he is in the process of "sharpening up" his English skills.

Janne has traveled extensively for Logosol, with his most recent trip to Panama where he worked in the jungle to help direct an important installation of Logosol equipment for processing exotic hardwoods.When asked about his latest adventure, he said "It was amazing to travel all that way to this remote country, and travel through the jungle for many miles, and then come to this compound where the same M7 sawmills and PH260 planer were being utilized. I felt right at home when I saw the sawmills."

His travel to Madison, MS is not as exotic, but does offer plenty of challenges for him. He brings with him a lot of enthusiasm for the Logosol Brand, an extensive knowledge of Logosol products, and many years of Logosol experience. "I am excited about the United States Logosol operation," Janne stated. "This is an important market for Logosol, and we have many new and exciting products lined up to introduce to the U.S., along with maintaining our existing sawmill and planer/moulder products, which have been selling very well in America."

Bengt-Olov Bystrom, CEO of Logosol, AB had this to say about Janne: "Janne is the best man available for leading one of our most important sales organizations in Logosol to a new level of operations. His experience with Logosol in Sweden and worldwide will serve him well in his new position at Logosol, Inc.!"

Janne plans to emphasize the Logosol Brand in all aspects of the Logosol US operation. "The Logosol Brand emphasizes dependability, affordability, and benefits to customers beyond what is normally expected from an equipment manufacturer," he said. "Logosol is a pioneering company, with many innovations along the way that has resulted in a unique comprehensive concept that many can afford. We want to ensure that all our customers and prospects are aware of the many benefits of owning Logosol products. These benefits include having a machine and a company that you can rely on, becoming a part of a large group of people who share your enthusiasm of working with wood and sharing their knowledge of wood processing, enjoying the benefits of working with dependable equipment and personnel, and profiting from the use of Logosol equipment." (Read more about the Brand of Logosol on the back page of Fresh Cut.)

Product knowledge is an important part of extending the Logosol Brand in America. Janne brings intimate knowledge of all Logosol equipment to Logosol, Inc. "Product training on new products will begin immediately at Logosol, Inc." he says. "I also look forward to meeting Logosol customers and prospects at shows and fairs in the U.S., where hands-on demonstrations will be available for interested persons. "Information about our products will be made available most extensively on the website. This is where we can get the information out the quickest. Look for enhancements to our websites in the form of videos and additional information."

Janne Engvall

Janne wants to hear from you! If you want to welcome him to the U.S., you may call him at 1-877-LOGOSOL, or email him at janne@logosol.com. "I will need much help as I begin to work with Logosol in the U.S." he states. "I am most interested in hearing from our customers and prospects from all regions of the States! Please give me a call!"

FRESH CUT!

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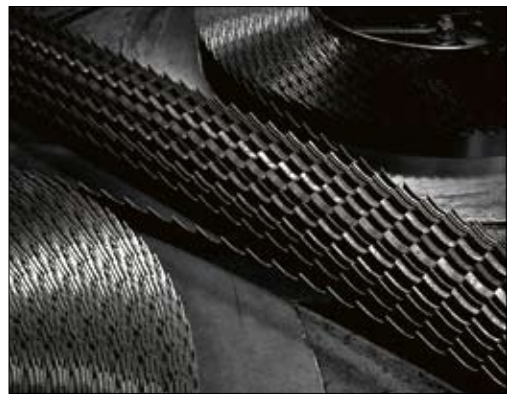
Probably the Best Bandsaw Blades in the World

Logosol has expanded cooperation with a world-leading manufacturer of saw blades for smaller bandsaw mills and joinery bandsaws.
The company's name is Hakansson Sawblades and it manufactures blades that make every bandsaw better.



No matter what bandsaw you have, you will find the correct blade at Logosol.

Logosol also offers a sharpening machine for sawmill blades.

This is what distinguishes Hakansson Sawblades from other manufacturers:

• The blades are made of high alloy steel of a high silicon level, which gives stronger and more flexible blades.

• Very narrow tolerances as regards to processing, tooth set and tempering for a better sawing result.

"The quality of the sawing result is largely due to the quality of the saw blade," says Olle Berggren at Hakansson Sawblades.

Blades of the highest quality reduce the cost of sawing, due to the fact that they can be sharpened up to ten times. The operating time of a blade is up to 25 hours, which is considerably longer than what you get out of an ordinary saw blade. Logosol also offers a sharpening machine for sawmill blades with a pitch of 22 mm, so that customers do not need to send their blades out for resharpening.

Hakansson Sawblades has for a long time delivered the blades for the bandsaw unit Logosol BS350. Logosol is now cooperating with the Canadian company Norwood, manufacturer of the larger bandsaw mill Logosol LM40.

"We have cooperated just as long with Norwood as with Logosol. Norwood in Canada has long experience of sawing with bandsaw mills. They, and especially their thousands of often demanding customers, have tried most blades on the market. We think that the fact that they have chosen us as supplier, is a proof of our blades being of the highest class," states Olle Berggren. *

The WoodWorkers Mill - a star in the video Logs to Lumber. "The mill did great!" George Vondriska, woodworking expert, says.

Logosol Goes "Hollywood"

"They're gonna put me in the movies…and all I gotta do is act naturally!" Remember that song by Buck Owens? That's the tune the WoodWorkers Mill is singing these days.

George Vondriska

The Logosol WoodWorkers Mill was recently used in a WWGOA (WoodWorkers Guild of America) video titled "Logs to Lumber." The video, hosted by nationally recognized woodworking expert, George Vondriska, covers how logs are converted to usable lumber, plain sawn versus quarter sawn, and air drying versus kiln drying, including a visit to a solar kiln. It also touches on hardwood grading and, once dry, how rough sawn lumber becomes suitable for high quality cabinet and furniture work. It promises to be a valuable video on the basics, as well as advanced techniques of bringing the best lumber out of a log.

Vondriska is the Managing Editor of the WWGOA web site where users have free access to a variety of woodworking articles covering tool reviews, shop improvements, and assorted tips and techniques. He also owns and operates The Wild Earth Woodworking School in Hudson, WI where he teaches hands-on woodworking classes. George, who is a former contributing editor and writer for American Woodworker Magazine, remembers the WoodWorkers Mill from when it was recognized as one of the top New Tools of the Year by that magazine.

The WoodWorkers Mill was chosen by WWGOA for this video because of its position in the marketplace. When Vondriska had to choose a sawmill for the upcoming DVD, the WoodWorkers Mill's price point, intuitive use, and versatility made it the clear choice. "I'd had some previous experience with small scale sawmills prior to this," Vondriska said. "I knew, from talking to many woodworking students over the years, that the Woodworker's Mill would be a great fit for the video."

The video, which was shot over a two day period, will edit down into two hours when complete. In addition to lending his own expertise, Vondriska used industry experts to help explain how to optimize what a log can produce, and how the solar kiln works. The DVD will be released in Spring 2009 exclusively through the WoodWorkers Guild of America (WWGOA), but a special offer is available to readers of Fresh Cut! (see ad on this page) You can also catch an EXCLUSIVE SNEAK PEEK of the Logosol segment by visiting www.wwgoa.com

So, how did the WoodWorkers Mill perform? "The mill did great!" George says. "It performed right on cue – never missed a line. However there was some confusion whenever the director yelled 'cut!'"

Now that the shooting is complete the Woodworker's Mill will remain at The Wild Earth Woodworking School where it will be integrated into the curriculum. Vondriska does frequent presentations for clubs, guilds, schools, and woodworking shows and the mill has already traveled to some of those events.

For more information on WWGOA visit their site at www.wwgoa.com. Learn about The Wild Earth Woodworking School by visiting www.aboutwildearth.com. *

Special Offer for FRESH CUT readers

Reserve your copy of the Logs To Lumber Video for the special price of just **$12.95** by emailing your name and address to: editor@WWGOA.com (be sure to reference the Logosol special offer).

Your $12.95 payment also authorizes you to receive additional WWGOA videos from the Complete Woodworkers Video Collection every 2-3 months at the regular price of $21.95 plus shipping & handling (and any applicable taxes).

It is not a membership of any kind – you are not obligated to purchase any additional DVDs and can cancel at any time, no questions asked

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"The first day we ran the Logosol, we made $1,000"

The Ozark mountains of Arkansas are rich with logging history and lore. With shortleaf pine and a mix of hardwoods including oak, hickory, ash, cherry and walnut, it has provided lumber—and jobs since the early 1800s. To this day, many old timers can recall pulling logs out of the woods with horses, or working on sawmills powered by steam threshing machines, tractors, and even Model A Fords.

By Dave Boyt

Family run mills gave way to large modern, high production mills. These mills typically cut one product, such as dimension lumber for houses and railroad ties, producing more than 50,000 board feet of lumber per day. With the economic downturn, these large mills are closing down. Sawyers like Dave Barnes of Flippin, Arkansas are filling the void left by the closures with small band saw mills, and finding niches for specialty lumber that are simply not feasible for a large production mill. Operating under the colorful name "Arkansawyer", or "Arky", Dave and his crew of eight cut timbers for post and beam houses, tongue and groove flooring, siding, and just about anything else his customers request.

"I started out cutting timbers for my own place, and I discovered that I loved sawing," he recalls. "We started out with just the [WoodMizer] LT 40, under a pine tree in the summer of 2006. In the afternoon, we'd move the mill around to the other side of the tree for shade." Dave built a shed for the mill that winter. He estimates that he has cut close to three million board feet of lumber since then.

Not long after setting up the mill, Dave realized that he could increase his income by processing the lumber into flooring and lap siding. He purchased a Logosol PH260 planer/ moulder and a 15" planer. He opted for the single phase machine, and says that it has plenty of power to do the type of work he needs. "The first day we ran the Logosol, we made $1,000. We were tongue and gooving 1x 4 and 1 x 6 cedar for the ceiling of a resort. We never even took the machine off the shipping pallet, and it is still sitting on the pallet today. It is one of those things that we could take out of the box and make money with it that day," he says.

The flexibility of the PH260 is a large part of the reason he has been able to expand his business at a time larger mills are closing down. "This area used to have five pretty good sized mills, but there are now only two left standing. They just cut ties and grade lumber. I cut pine for timber framing posts and beams and subflooring, and hardwood for flooring, trim and doors. I saw cedar, pine, oak, hickory, and walnut. We build two or three houses a year."

A deep pile of fresh planer shavings just outside the shed is testament to the amount of use the PH260 gets. Dave pre-planes the boards before putting them through the Logosol. "We usually [pre] plane the worst face of the board, then put it down when it goes through the Logosol. That gives a smooth, straight surface." He has found that this helps the Logosol operate more efficiently in two ways. It eliminates high places in the board that can ride up and bind in the machine. It also reduces wear on the bottom knives. "We just take 1/16" off the bottom on the Logosol, partly because those bottom knives are the hardest ones to change," he explained. For some jobs, Dave does not even use the bottom cutters. "I use this machine [PH260] for a lot of rough ship-lap boards to put in cabins. The customer wants the rough side out to make the cabins look rustic on the inside. You just put the shim plate in, but you don't turn on the bottom cutter, take your cut off the top, and ship lap the board."

Dave Barnes feeds another board through his Logosol PH260 for surfacing on all four faces.

Dave doesn't worry about straight line ripping before putting boards through the Logosol. "After the board has gone through, it's straight. If there's a bump or knot on the edge, if you just put that to the outside, the outside cutter will take it right off." He says that the side cutters can take off as much as 3/4" of material. Sharp knives are an important part of equipment maintenance. "I can do 8,000 feet of oak or pine before I have to stop and sharpen or replace the blades," said Dave. He sends his straight blades to a local knife grinder. He has found that he can sharpen the side profile cutters with a belt sander and a fine belt. "I take a little off the back side of the blade, and I can get another run or two out of it." He keeps the feed rate down to help make the knives last longer. "The side profile grinders are about $160 per set, and they'll do 10,000 feet of siding, so you're looking at less than two cents of knife cost per board foot of bevel siding."

His two years of experience with the Logosol have given Dave plenty of time to evaluate its performance. "It does a good job," he says. "I can't afford a $50,000 machine to do what a $15,000 machine does real well." Quick setup and knife changing are important to his business. "If I don't have to change the bottom blade, setup time is about ten minutes," he explained. "Right now, I'm set up to cut 8" wide S4S lumber, and I've got to do five of them. Then I've got to do 6", then 4". All I have to do is crank in the side cutter in for a narrower board, then lock the cutter in place."

Selling directly to the end user instead of a production yard makes it possible for Dave to sell lumber that would normally be downgraded—or rejected—at a higher price. For example, blue stain is normally considered a defect. But many

The Arkansawyer sorts through some oak tongue and groove flooring that he processed on the PH260 planer/moulder. He says that many customers are willing to pay more for "character" lumber that would be downgraded or rejected by commercial lumber buyers.

No, it is not snowing - those are wood shavings flying from the Arkansawyer's Logosol PH260!

David "Arkansawyer" Barnes sawmill shed. Notice the view! Those hills are filled shortleaf pine and a mixture of oak, hickory, ash, cherry, walnut, and other hardwoods.

of his customers like it so much, they pay a premium for it. "I even let some logs sit through the summer to get blue stain and worm holes for the customers who want them. I call it 'buckshot denim pine'," Dave explained. "I always tell people they're getting something special. You can't just go to the lumber yard and get a piece of wood like this. Every board is different here."

"It's hard economic times," concludes Dave. "There's a lot of mills everywhere going out of business. The saving grace for me is the fact that I am versatile. I'm in an area where I have more than just one type of wood supply, and I have more than one market for the lumber." He has even found that having a location on a highway where people can see his mill operation—once an irritation—is now a benefit. He put up a sign painted on an old circle saw blade, and built a small office building next to the planer shed to let people know where he is and what he does.

"I have good craft market. During the tourist season, I have ten thousand cars a day drive by. They pull their motor homes up here, and we pack 'em full of walnut or cedar."

He also has a web site that shows photos of his mill, as well as lumber that he has for sale: http://arkansawyer.net. *

Peter and Ashlynne Dale, Norwood Industries, and Mattias and Bengt-Olov Byström, Logosol.

Two Companies, One Vision

The Swedish company Logosol and the Canadian Norwood have a lot in common – now their cooperation has expanded with a shared vision. The cooperation involves, among other things, that Norwood will sell Logosol's planers in the USA and Canada.

It is Norwood that manufactures the bandsaw mill Logosol LM40, which is today sold in Scandinavia and Europe.

But Norwood is more than a supplier to Logosol. The two companies are almost like reflections of each other. They are both family businesses that were started due to the founders' dreams of owning a sawmill, since they could not accept the cost of the equipment that was available on the market.

"When I developed our sawmill at home in our garage, I could not imagine that Bengt-Olov Byström was doing the same thing in Sweden," says Peter Dale, CEO and founder of Norwood Industries.

In Sweden the result was the Logosol Sawmill, in Canada that larger bandsaw mill Lumbermate.

"The reason why we chose different solutions, is most certainly due to the forests being different in our countries. Swedish trees are straighter and of smaller diameters," says Peter.

Together with his daughter Ashlynne, partner and executive vice president in the company, he visited Sweden this fall to meet Logosol's international organization.

"Logosol is an important and compatent partner. The sales of sawmills in Scandinavia and Europe exceed our expectations," Peter Dale explains.

Bengt-Olov Byström hopes that many Logosol planers will find new owners among Norwood's customers. *

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Modern Vikings' voyage to Vinland

Meter after meter of first-class oak, without a single knot. The Swedish navy planted the oaks in the 1800s to have building material for warships.

It is early morning on the island Visingsö in Sweden's second largest lake, Vättern. With the exception of the persistent whirring from a chainsaw, this could just as well be a scene from a thousand years ago. Here, the keel is being shaped for a 52 feet long Viking ship, a knarr, which will sail all the way to America, or "Vinland", as the Vikings would have said.

Members of the association Vittfarne are making the keel using a sawmill from Logosol, a Big Mill LSG. The log is as straight as an oak can be. When the slab is lifted away, something is revealed that few are privileged to see: Meter after meter of beautifully patterned oak, completely free from knots.

"Are we really going to build a boat of this?" Rickard Zetterqvist asks when seeing what has been hidden under the bark.

But it is for building a ship. The Swedish State has given the association permission to cut down oaks on Visingö.

"The oak wood was planted in the 1800s to meet the navy's demand for building material. The trees are intended for building ships," says Håkan Altrock.

The story is probably true

He is the president of the association Vittfarne. It was founded in order to carry out a scientific expedition in 2004. The aim was to look into the veracity of the story about Ingvar Vittfarne's (Ingvar the Far-Travelled's) eastbound passage. The voyage is described on some thirty rune stones and in one of the Icelandic sagas.

Ingvar reached as far as Särkland (the land of the Saracens), the Vikings' name of the Muslim countries. Archaeological finds indicate that he and his crew travelled through Georgia and Azerbaijan, all the way to the Caspian Sea. Ingvar and the majority of his crew died in battle or succumbed to diseases.

Historians have doubted the veracity of the story, since the route means that you have to drag the ship a long way on land, on narrow tracks and over high mountains.

"There is nothing that contradicts that Ingvar really travelled this route," says Håkan, who was the leader of the expedition and took the ship as far as the Caspian Sea.

They build as the Vikings

But there are other Viking Age passages worth examining, especially the theory that the Scandinavians discovered America several hundred years before Columbus, and that Vinland, which is mentioned several times in old stories, was eastern Canada.

The present-day voyage to Vinland on a Viking ship starts with cutting the keel this autumn morning on the island Visingsö.

"We will as far as possible build the ship using methods from the Viking Age," says Håkan.

The Vikings cut the keel and other rougher details using axes, and they cleaved the logs for planking. This method is too time-consuming for the project. For this reason, a chainsaw and the Big Mill LSG are being used instead.

The Logosol Big Mill LSG can handle long logs of really large diameters.

Håkan expects that they can produce sawn timber of the same quality. The timber becomes stronger if you follow the grain, which is one of the reasons that the Viking ships were so sleek and hardy.

According to the preliminary schedule, test sailings will be carried out in seven years. In ten years, the trip will begin starting from

starts here

Stockholm, then via Norwegian Bergen to Iceland, Greenland, Labrador, Newfoundland and Nova Scotia.

The crew will navigate using Viking Age methods. Present on the voyage will be archaeologists, who will look for settlements along the way on which the Vikings once came. *

The soon-to-be keel marked out on the log end.

”It is much easier to cut out woodworking material on Logosol’s circular resaw than on a contractor table saw,” says Sten-Gustav Björkström, who turned to Logosol after three accidents with the contractor table saw.

Safer with Logosol’s Circular Resaw

Safety is not only about safeguards. Using the right machine for every task is just as important. Ask Sten-Gustav Björkström, who lives outside Skeppslanda on the Swedish west coast.
“I injured myself three times on the table saw when I used it for resawing,” he says.

Sten-Gustav is an experienced construction worker, who retired last year. He has also run a sawmill, and he chooses his machines and tools with care. The contractor table saw he used, is considered as the best pro machine on the market. But what good does that do when the machine type is not suitable for the task at hand?

“I was resawing a thick oak plank. When I was almost through, it was hurled back and hit me on my neck. When I had got up on my feet after that blow, I decided that enough’s enough and ordered a circular resaw from Logosol,” says Sten-Gustav.

Resaws for woodworking

The circular resaw is designed for its task, with a stable feeder that holds the workpiece in place while sawing. For the operator, there is no risk of being knocked down by flying timber. Sten-Gustav uses it for resawing workpieces for making bentwood boxes. After resawing it, the workpiece is planed down to 3 mm with a two-cutter planer/molder.

’This is a remarkably good planer, and at the same time it is also a molder,’ is Sten-Gustav’s description of the Logosol DH410.

Sten-Gustav knows what he is talking about. Until 1982, he spent half the year sawing and planing on subcontract. He had a 72 feet long sawmill, a band resaw and a large industrial planer. During the rest of the year, he was hired as a construction worker.

“It was easier to work as a construction worker all the year round, so I sold the sawmill and the planer,” he remembers.

Praise from an acrobat

The old saw house was rebuilt into a workshop for Sten-Gustav’s and his wife Inga-Lill’s shared passion in woodworking. He makes furniture and other woodwork, she makes figures of different kinds.

“We also produce things together, among other things we have made a cradle, which Inga-Lill has painted,” he says.

”I bought the Logosol MF30 to make drawers. But it can do much more than that,” says Sten-Gustav

Also the neighbors get help from Sten-Gustav. One of them is the aerialist Maria Zeniou. She has rebuilt an old barn into a gym and got assistance from her neighbor. On her website Maria writes like this:

“Without our fantastic neighbor Sten-Gustav it would never have worked. He seems to have all sorts of tools and to know all about building!”

Sten-Gustav has resources out of the ordinary. He has two fully equipped workshops, one for woodworking and one for metalworking. The obvious question is how he could afford this.

“I have never lost any money on the machines. When I have sold them, I have been paid more than I bought them for. It pays to buy quality machines. In addition, we never go to bars or travel abroad,” is Sten-Gustav’s answer. *

Logosol Takes the Show on the Road

Logosol held its 2008 Spring Open House in the "other" Madison—Madison, Wisconsin on April 25, 2008. The damp, chilly weather didn't discourage the 51 visitors to Jim Birkemeier's open house. Jim "Birky" Birkemeier hardly noticed the weather as he gave tours of his amazing wood operation. Jim's plan sounds simple. He grows timber on his 300 acre farm and selectively harvests the poorest quality trees. These are the crooked trees, as well as dead and dying trees. "On the average, I only harvest one tree per acre per year," he says. With the price of lumber, this sounds like a recipe for starvation.

By Dave Boyt

Jim describes his solar kiln design. Three bays are used for air drying. The sliding door closes off one bay to make a kiln to bring the wood down to its final moisture content

Jim Birkemeier discusses the role the PH260 plays in his lumber business.

Rivers Griffin demonstrates the Log House Moulder to those people willing to stand out in the sub-freezing temperatures.

June Love took care of registration and made sure everyone had all of the information they needed.

The key to the success of Jim's operation is that he doesn't stop with harvesting the trees. He brings the logs up to his sawmill and mills lumber, dries the boards in a solar kiln, then planes and moulds them on his Logosol PH260. He even installs flooring in his customers' houses. This is the ultimate in value-added lumber. "The wood starts at $0.25 per board foot on the stump. Each step—milling, kiln drying, planing, moulding, and installing—adds to the value of the wood." The Logosol PH260 is an important part of Jim's operation, and he gave it a good workout during the open house, as plank after plank of tongue and groove flooring came through the outfeed.

To round out the open house, Charlie Griffin and his son Rivers were on hand to demonstrate some of Logosol's other equipment, and answer questions. Rivers kept busy with the M7 chainsaw mill, squaring out cants which would later be placed back on the mill and finished with the log house moulder. The final product was a stack of uniform logs with rounded edges and tongue and groove ready to be assembled into a wall for a log cabin. No doubt the near-freezing temperatures inspired Rivers to keep working, just to stay warm.

Meanwhile, Charlie Griffin was demonstrating Logosol's new MF30 vertical milling machine. At first glance, the MF30 looked like a conventional spindle shaper. When Charlie tilted the head to make an angle cut, it raised a few eyebrows. But when he demonstrated the head's full 270 degree rotation, I heard a more than a few exclamations. "This is a precision machine," explained Charlie. "The tilting head gives it a flexibility that will make it work for a number of applications." As always, Charlie answered all questions about any of Logosol's equipment. His ability and willingness to provide technical assistance to customers is one of the first things customers mention when asked about why they use Logosol equipment.

President of Logosol, USA, Olof Almstrom was also on hand to welcome visitors. His friendly conversation did much to take the chill from the air. He clearly enjoyed the event as he discussed Logosol's various tools with the people who stopped by. Also from Logosol was June Love and Troy Grantham, who managed the open house registration and helped customers with orders.

The event included information on forest management, sawmilling, lumber drying, and marketing—as well as seeing the Logosol equipment in operation. All agreed that the trip was well worthwhile.

Gill Yost traveled from Park Ridge, IL to find ways he could use the local trees that were being cut in his home town. "I live in an urban area, and I do urban logging," he explained. "I believe in the reclamation of wood. We have lots of elm and ash trees, and I hate to see them go through the chipper or get cut up for firewood." Gill says he was very impressed by the M7 mill, and hopes to get one eventually, but purchased a Big Mill Basic to get started. Unfortunately, he was not familiar with the Husqvarna's numbering system, and purchased a 455 model, believing it was bigger than the recommended 385XP. He also purchased a standard 20" bar and chain. While he was able to mill lumber, he found that it was a slow process, especially to cut large oak logs.

This brings out one of the most common mistakes new owners make - going it alone. The folks at Logosol pride themselves in customer support. (I've called Charlie Griffin for help a few times, myself). I suggested to Gill that he contact Charlie and ask about the picco bar and ripping chain. Hopefully that will get him going without buying a new chain saw.

Bruce Kiefer from Franksville, WI is scaling back his woodworking shop from a furniture manufacturing business to a smaller one-man operation. "I'm looking for good equipment with a smaller footprint," he told me. "Going to the open house was a really nice opportunity to see the equipment up and running, rather than just looking at it in a magazine." As a woodlot owner, he was also interested in Jim Birkemeier's forest management philosophy. "I was very impressed by the way he [Jim Birkemeier] managed his woodlot, especially when I think about passing my own woods on to my children," he said. He continued, "I thought it was just absolutely excellent, and I'd go to another one in a minute."

Dave Boie, from southern Wisconsin custom cuts lumber on a WoodMizer band mill, and was looking for a way to add value to his lumber. He had ordered a PH260 moulder/planer, and picked it up after the open house. "I

Host Jim Birkemeier describes his techniques for making money on crooked and narrow boards that would normally be discarded.

had talked to Jim [Birkemeier], and knew he was pretty happy with it," he said. Dave says the machine is working well for him, but he is still just getting started with it. "I tongue and groove some dimensional pine, run some cherry, walnut, a little of everything." He also took a close look at Jim Birkemeier's solar kiln while he was there. "I'm hoping to build a kiln like Jim's. It just makes a lot of sense. You just handle the wood one time, and that's it." Dave also commented on Jim's forest management. "I love his philosophy that he cuts trees that are dying or defective, so really, he's culling his trees instead of cutting the best ones, so the good trees get better, and the culls get cut out."

Paul Lindberg drove over from North Branch, Minnesota. He is in the millwork business, and uses a variety of equipment, including the PH260 planer/ moulder. Like many who attended the workshop, he describes himself as an urban logger. "I get a lot of my wood from the metro area out of peoples' yards. The bigger mills don't want that stuff."

Charlie Griffin demonstrates the tilting head on the Logosol MF30 spindle shaper.

He uses the Logosol for two-sided planing and for moulding trim. "I do a lot of different things with it. Right now, I'm running the wood for window and door jambs for a customer."

Elmer Phelps runs a furniture business near Indianapolis, IN. "I went up to look at the PH260," he said. "I was curious to see how it works." Like many who attended, he also took note of Jim's solar kiln design and operation. "It was interesting to see his solar kilns. That was impressive." Another "urban logger", he described his source of logs. "I put my name out to tree services and contractors, and they'll call whenever they have a log they think I can use. I use maybe 2500 board feet per year for furniture, but I probably have 3000 board feet waiting to be cut right now. I just can't bear to turn a log down."

Overall, the event was a great success. This was Logosol's first open house away from the Madison, MS headquarters. They are planning others for other parts of the country. Watch their web site for more information about future open houses, new equipment announcements, and technical information.

The web site also lists customers who will be delighted to demonstrate their Logosol equipment and give you their honest opinion of it.

If you missed the open house, you can tour Jim Birkemeier's operation on his excellent web site: http://www.timbergreenforestry.com *

The best for your joinery workshop

Imagine a joinery machine of the best professional quality, of a size that fits your workshop, and of a price that suits your budget. We are, of course, talking about Logosol's joinery machines: one innovative vertical milling machine, one dimensioning saw, one jointer/planer and one multi-planer.

The machines will be in our stock as from spring 2009, but you can already now order them as Special orders!

The most innovative machine is the vertical milling machine Logosol MF30. It is an entirely stable vertical milling machine with precision-processed machine table and a cutter that can be tilted 45 degrees in two directions. The tiltable cutter alone makes the machine unique. Using the same knives, you can create different moldings and in one single operation make things that normally require several resettings or several machines.

MF30

The jointer/planer Logosol H410 is, according to Swedish teachers in woodworking, absolutely best in its class, both when it comes to quality and operation. Unlike every other jointer/planer, you do not have to fold up the jointer table and then reset it, or move the chip duct between jointing and planing operation. Just joint the workpiece and then immediately run it through the planer. Separate motors make it possible for the machine to joint and plane at the same time. As a planer it is hard to beat, and it can handle workpieces that are 16" (410 mm) wide and 10" (260 mm) thick.

The multi-planer MH410 is basically a jointer/planer with a side cutter. It saves time by making it possible for you to first joint two sides and then plane the two other sides. In addition, you can mount molding knives in both cutters, which also makes it a molder. This is a perfect combination for the one who wants to joint, plane and produce tongue and groove for flooring, for example.

Logosol PS315 is an extremely stable dimensioning saw with operations that you otherwise only find in machines that are five times more expensive. The base is a precision-processed cast-iron chassis with a full-size sliding table that runs on tempered steel balls to give a smooth movement and a fine cut. The resaw fence can be micro-adjusted.

This is four small-scale professional machines of a quality and with operations that normally are found in expensive workshops with only high-quality products.

Contact Logosol to be convinced that this is true.*

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The Children Learn Everything **from Woodworking**

Woodworking is a subject that usually gets stuck in the middle when there is reorganization and downsizing of a school. But the woodworking still exists, due to enthusiastic teachers who know that this subject is important. One of them is Stig Fritzon, teacher in wood- and metalworking in Sweden.

The children are gathered for a woodworking lesson. But it is also a lesson in mathematics, language and geography.

This article came about, due to the fact that Stig ordered a jointer/planer from Logosol this spring. He was so pleased with it that he contacted Logosol to praise the machine.

"This is a small professional machine," says Stig, who especially likes that you can joint and plane without having to fold up the planer table or move the chip duct between the two operations.

We visited the school to tell them how good the machine is. Now that we have done that, the article will continue to be about the school subject woodworking and the enthusiasts who have seen to it that the subject is still on the schedule, even though the theoretical subjects are the most emphasized when the choice of which to offer is discussed by school administrators.

"Here, the children have the opportunity to try theoretical knowledge in practice," says Stig just before welcoming a group of third graders to the lesson.

Everybody can work with wood

In class there are also two special school pupils. It is impossible to tell the difference between work done by the ordinary pupils and the special school pupils. Woodworking is a subject that levels out differences.

"All pupils can do this, and all pupils are good enough. I have never met anyone who is all thumbs. We all need different amounts of time, but the things we make in the woodworking class are not judged by how quickly they are produced but by the result," says Stig.

Woodworking gives both self-confidence and another way to knowledge than the books offer.

"All subjects are included in woodworking," says Stig and explains what woodworking provides:

"Touching is knowing."

He shows how geography is lying on the shelves in the form of wood pieces from all over the world. Here, both America and Spain are represented in the form of oak and olive wood.

Easier to learn

You have to know mathematics to be able to calculate how to make these things. Furthermore, you have to calculate three dimensions, which makes the whole thing extra tricky.

"Did you see how easily he worked out where the center is? This boy has a problem with figures," says Stig when seeing how one of the special school pupils without hesitation uses the folding rule for measuring where he is to place the hook for hanging up a small shelf.

Another important aspect of woodworking is that it helps the pupils to build up their self-confidence. Stig encourages his pupils by exhibiting their work in a showcase for one week. In addition, he takes photos of the work and publishes them on the Internet.

In the woodwork classroom, they use real tools and real machines. This is a place of work and not a place where you can run about and play.

"You should have respect for the machines and the tools, but not be afraid of them," says Stig.

The lesson with the third grade in the Kesberg School in Vårgårda is very soon over. When Stig tells the pupils that it is time for tidying up, they are all protesting. Woodworking is not only educative, it is also great fun. *

Wood types from all over the world are represented in the stock, which makes the woodworking a geography lesson.

"This is a really good jointer/planer," says the woodwork teacher Stig Fritzon about the Logosol H410.

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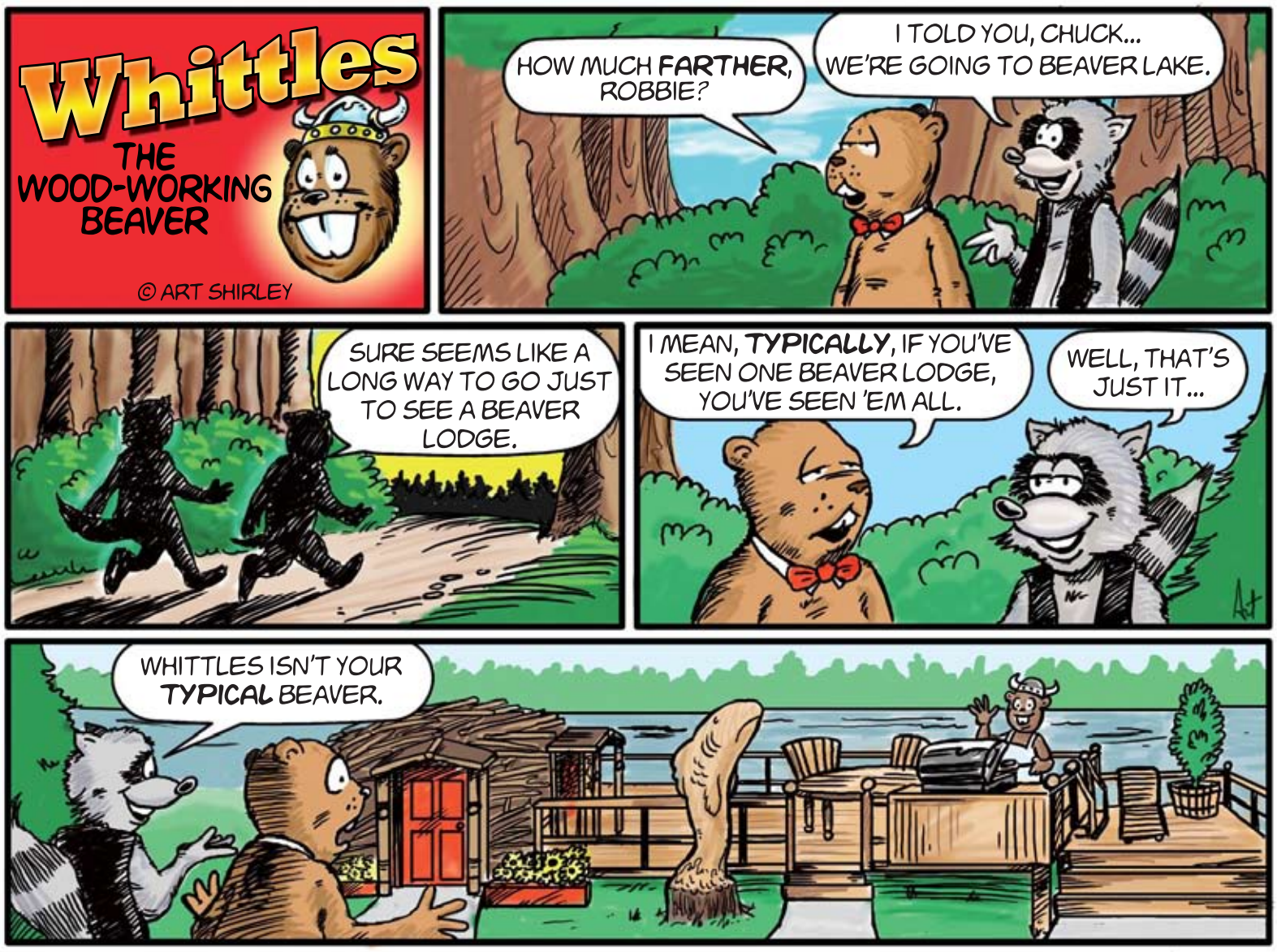


Logosol Celebrates Ten Years in the U.S!

Logosol has been at the forefront of the portable sawmill market throughout its history in the US.

Logosol introduced the first sawmill for under $2000 in the US, something the other portable sawmill manufacturers took quick note of. It was the first chainsaw mill to participate in the Annual Portable Sawmill "Shootout" that was put on by the magazine "Independent Sawmill and Woodlot Management".

This innovative company was also one of the first supporters of this event. Logosol was one of the first sawmill companies to take the concept of a portable sawmill directly to the end users of the wood in the US, the woodworkers, by providing demonstrations at woodworking shows, and later designing a sawmill just for this group of lumber users. (The Woodworkers Mill).

Logosol later introduced the world's first small footprint 4-Head Planer/ Moulder to the U.S, which has been a best-seller since its first year in the U.S. Its been an exciting Ten Years and we celebrate all this in 2009! Look for a write-up of Logosol's history of innovative selling of sawmills and planers in the next issue of Fresh Cut. Meanwhile, Logosol AB (the parent Swedish Company) is celebrating their 20th year anniversary next year. We will also be providing highlights from their rich history in our History of Logosol, in the next issue of Fresh Cut. *

Logosol sawmill was the first chainsaw mill to participate in the Annual Portable Sawmill "Shootout".

Logosol Group meeting in October 2008.

A growing Logosol family

As a company, Logosol differs from many others. This is also true when it comes to export.

Exporting companies usually work according to one of the following two methods: They have importers in different countries, or they have subsidiary companies.

Logosol has chosen its own way. The solution is local companies with the name Logosol, which are run as Logosol, but owned completely or partially by one or several people in the respective country.

Today, there are Logosol companies in twelve countries in Europe, Asia, Australia and North America, So far, there are no Logosol companies in Africa and South America. There are, however, independent dealers on these two continents.

In South America, Logosol is represented in ten countries, in Africa there is up to now only one dealer in South Africa. In all, Logosol is exporting to about 40 countries.

The reason for choosing the local-owner model is the experience that Logosol has gained through the years. Sawmills and other products for small-scale wood processing differ from most products represented on the market. The customers demand knowledge and dedication beyond the ordinary, and they expect that the seller helps them to a good result.

The Logosol Group is held together by the products and a shared interest in wood. Once a year, the Logosol Group is gathered in Sweden to discuss experiences and coming products.*

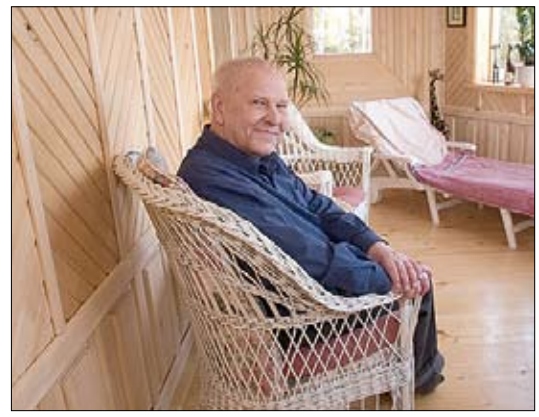
Logosol stands for…

Dependability

Logosol offers long-term reliability, no matter where in the world you live. Doing business with Logosol is safe. You get extensive warranties, the right price, unlimited support, and products that keep their high value.

Joy

You become proud and happy when creating by working with wood. Standing in the sun sawing or planing; feeling the scent of sawdust; processing a log into something lasting; building that sauna, terrace or house you have dreamt of – what an amazing feeling!



Fellowship

As a member of Team Logosol, you are part of a fellowship. We belong to a large group of people that share dreams of working with wood. You have access to experience, tips and ideas through our customer magazine Fresh Cut and our website, but also through personal contact with members round the world.

Profitability

You can for a small investment start to process your own timber. No matter whether you are processing timber for personal use or for running a business, this is a profitable occupation. You have the opportunity to make use of all kinds of wood, and create exactly what you have dreamt of.

Logosol makes it easier - build your own Hot Tub.

NEW 2008

Outdoor Hot Tub Kit

Outdoor Hot Tub Kit - for you who have a Logosol PH260, DH410, MH410 or a MF30.

We make it easy for you by providing you with good instructions and all components needed except for the timber and the wood screws. It is both easy and fun to build, and the result is really impressive. The hot tub looks nice in its simplest design, but if you like, you can spend a lot of time on decorations, wooden deck and other conveniences around your new treasure. *

The kit includes:

1 book of instructions
1 Stove of aluminium
1 grating of stainless steel
1 baffle plate of stainless steel
1 cover with wooden handle
2 galvanized chimney flues
1 galvanized chimney top
1 outlet of stainless steel
2 pipe connection of rubber
1 plastic pipe with bend
1 straight plastic pipe (overflow outlet)
1 hose clamp
2 hoops of aluzink, L:6.7 m
4 bolted joints of lacquered steel
4 screw plates for the bolted joints
4 M12 threaded bars
8 M12 nuts with washers
16 M8 flathead screws with washers and nuts
10 fleur-de-lis of lacquered steel
6 bench brackets of galvanized steel

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WELCOME TO OUR WEBSITE

Robert Berglund is the man behind the US website. As a webdesigner he builds websites on the Internet, but he has also used the Logosol sawmill and planers to build his first house! Contact: robert@logosol.se

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