

LOGOSOL FRESH CUT



News for the Outdoor Craftsman • No. 1 - 2008



Beautiful woodworking

Red Oak in the living room, Maple in the kitchen and Black Cherry in the bedroom. Mr. Raymond Leroux used his Logosol PH260 for all the woodwork in his new house. Read his story!

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A real challenge!

Richard Dunmore found this real challenge in Strelley, near Nottingham.

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Growing business

Runo Johansson bought the new joinery machines from Logosol. His greenhouse Growpoint attracts attention due to its appearance and it being a room for both plants and people.

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Arnett brothers Ron and John inspect a test piece to make sure the knives are correctly set. With the Logosol PH260 they will start a business.

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It's Never Too Late...

"When you are old, you have time to do what you think is fun," says Bengt Kastensson, 93 years old, and still active with his sawmill.

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The Logosol recipe for a sharp chain

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Dear Woodworkers and Friends of Logosol,

Welcome to this Fresh, new issue of **FRESH CUT!**

It has been a long, rough winter and I think many of you are very anxious to start up your spring woodworking projects.

Attached to the Fresh Cut you'll find the **Spring Campaign**.

– Starting April 1st and lasting for the entire month – It will be an opportunity for you to purchase your necessary woodworking equipment before our upcoming price adjustment which will take place May 1st.

I want to mention that we provide 100% financing opportunities through our financing partners – check our web site for further information. Believe me, they are very eager to lend you the money.

I also want to take the opportunity to thank our **“OWNERS NEAR YOU”**, – our network of customers who work with us in sharing their experiences with their Logosol Woodworking equipment. If you are considering purchasing a sawmill or a Planer/Moulder, don't hesitate

to contact them – they like to share their experiences.

There are always a lot of things going on at Logosol. Just recently we increased our selection of Knives to our Planer/Moulders. We have the new Carpentry Planer/Moulder Program in place and have started to deliver our new Chain Sharpening Robot – already a proven success! It fits perfectly into the Logosol program of efficient and professional woodworking equipment – affordable for the small-scale woodworker!

More innovative products are in the pipeline. Be sure to check in on a regular base.

Unfortunately, the **Owners Forum** on our web site has been down for a period of time, and I've been Stunned at all of the calls and E-mails we have received from our dear customers expressing their worries and asking questions about it. The problems we have experienced emanates from the host server. In this writing moment, we are still working hard to get it up again, including trying to recover all its history. We are in the process of mov-

ing the Forum to another host server, so that hopefully it's up running again by the time you read this. Even if we are not able to recover all history, I promise that we will have a Forum in place!

Thanks for your patience!

You are also invited to our **Open House** in Spring Green, Wisconsin, on April 26. It will be a great opportunity to meet with our Expert Charlie Griffin and to check out some of our new machines as well as the proven workhorse, the PH260. Please see inside for more information. Hope to see you there!

Once again, Welcome to this issue of Fresh Cut and I hope you will enjoy it.

Olof Almstrom,
President
Logosol Inc.



FRESH CUT!

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The recipe for a sharp chain:

Clean and shape the grinding wheel before sharpening

A dull or incorrectly sharpened chain is the most common cause of problems when you are sawing. The best remedy is Logosol's sharpening robot and regular cleaning and shaping of the grinding disc.

Filing a chain by hand is quite an art. Due to this many choose to buy a sharpening machine. But it is not sure that the machine solves all problems. If you do it wrong you can, on the contrary, destroy the chain. The secret behind a good sharpening result is to have correct angles and a cleaned sharpening disc. Most people know about the angles, but how long was it since you cleaned the sharpening disc?

“When you are sharpening, metal chips get caught in the sharpening disc with the result that you are sharpening metal with metal. This leads to overheating,” says Pär Markusson, who has constructed Logosol's sharpening robot.

With the sharpening robot

comes an abrasive stone. It is used for rounding off the disc, removing impure material and exposing new grinding material. If you make a practice of cleaning the grinding disc before each time you sharpen the chain, you will get a significantly better result. It will not take many seconds.

It is equally important that you round off the edge of the disc. It should have the same shape as a round file. If you fail to do this, you will in time create a sharp gash under the cutting tooth, which can result in a broken chain. On the market there are grinding discs that are marketed as more or less maintenance-free. This is, however, not true. Regardless of what disc you use,

metal chips will get caught in it, which leads to overheating.

“If the tooth becomes red while you are sharpening it, the disc is not up to par or it needs to be cleaned,” says Pär.

He runs the company Markusson Development, which has developed a professional sharpening robot that, among other things, is used for sharpening harvester chains. Logosol's sharpening robot is a smaller version of the professional machine.

“We have tested many grinding discs. The disc that comes with the sharpening robot is the best available on the market. One of the advantages with it is that it is easy to clean and shape so that it always gives you the best result,” says Pär. *



Logosol's sharpening robot has solved a lot of sawing problems. It works even better if you clean and shape it regularly.



Per-Arne Ragnarsson and Peter Hall are building a log house of 270 square metres.



This is the photo that Per-Arne took with his cellphone, showing the planing of a 12 metre long beam with the measurements 8" x 12".



Building a house of 270 square metres is an extreme project, even for an experienced timberman as Per-Arne Ragnarsson.



Peter Hall is the customer, and he owns a Logosol PH260 four-cutter planer/moulder.

2 600 metres of planed 8 x 12 inch timber

What do you do when the building material you have consists of 2600 metres (8530 ft) of timber, sawn from large-diameter logs and by three different methods, with different surfaces and varying measurements?
 “The only solution was to plane the whole lot,” says the timberman Per-Arne Ragnarsson.

Per-Arne makes a living by renovating and building log houses, and manufacturing windows. He lives south of Vetlanda in Sweden. At the moment, he is building a log home of 270 square metres (approx. 2900 ft²). The customer’s name is Peter Hall, and luckily he owns a Logosol PH260 four-cutter planer/moulder.

Grind the knives often

“The logs were cut with chain, circular saw blade and frame saw. It would not look good with all the different

sawing surfaces,” says Per-Arne.

He phoned Logosol and asked if it is all right to use the four-cutter for planing beams that are up to 8 x 12 inch. The answer was “Yes, if you know what you are doing”. Per-Arne knew what he was doing and went ahead with the project.

A couple of days later Logosol received an e-mail. It was Per-Arne who sent a photo he had taken with his cellphone showing the planing of a 12 metre long

beam with the measurements 8" x 12". The photo had the accompanying text: "Sending a photo of how to use a PH260".

It almost looks unreal when such a long and thick beam comes out from this relatively small planing machine.

It was not only this beam that was planed. Altogether it was 2600 metres of the dimensions 6 and 8 inches. The only problem was that large-diameter timber of this size often has sand and dirt in the wood.

“You have to have double sets of knives and grind them often,” says Per-Arne.

Sawing is relaxing

Building a house of 270 square metres is an extreme project, even for an experienced timberman as Per-Arne. Normally, he works with smaller houses and produces the timber on the spot using his Logosol M7. When he works on commission he uses a petrol chainsaw; at home he uses Logosol’s bandsaw, about which he has only good things to say.

”It works really well,” he says.

Per-Arne also runs a small joinery shop in which he manufactures windows for his house projects. Here, too, his home-cut timber comes in handy. In addition, the Logosol M7 has another advantage that is appreciated by a craftsman.

”Sawing is relaxing, somehow. And furthermore, I can beat any sawmill when it comes to measurements and surface of the timber, says Per-Arne Ragnarsson. *

This is why Runo chose Logosol again:

"You can phone Logosol without fear of disturbing."

Runo Johansson believes in his business concept. And he believes in it to such an extent that he did not give up even when his workshop burnt down to the ground. Now he has bought new machines from Logosol and got his business going again.

Runo's business concept is built on the most important thing in the world: the photosynthesis. This is the process in which the energy from the sun helps green plants to turn carbon dioxide and water into food.

"We have to learn to work with nature instead of against it," says Runo, who early committed himself to environmental issues.

When he started to think about the environment it was considered bohemian. Today, the reality has caught up with us. The Nobel Peace Prize was given to Al Gore and the UN's climate panel. Our shared environment is now at the top of the agenda.

A room for learning

What distinguishes Runo from most of us, is that he goes further than talking and writing. He created a "room for learning" in which the prerequisite of life becomes evident and comprehensible. It is a greenhouse with the name GrowPoint.

The greenhouse is a self-supporting and very strong latticework construction whose design seems to appeal to most people. Stylish, is a common comment. Each building element is a triangle-shaped wooden frame with a transparent sheet of insulating polycarbonate. These elements are put together into a geodesic dome. The construction has several advantages. It is prefabricated and thus easy to assemble. It stands wind and

weather much better than conventional greenhouses, and it is fitted up both for plants and people.

"In 18 square metres there is room for about 5000 seed plants, a table and five chairs. The GrowPoint greenhouse is also a fantastic outdoor room," Runo says.

The workshop burnt down

Its weather resistance was proven when the storm Gudrun hit southern Sweden. The Swedish university of agricultural sciences in Alnarp has a GrowPoint greenhouse in its rehabilitation garden. The storm destroyed a lot, but on the greenhouse there were only a couple of ventilation hatches that were damaged.

The entire construction and its function is well thought-out, but when the interest in it was about to turn into sales, something devastating happened. The production building burnt down to the ground. The entire stock and assembly of machinery was destroyed by fire. Among the things lost in the fire was a Logosol PH260 four-cutter planer/moulder and an MF 30 vertical milling machine.

A disaster of this proportion can make even the most enthusiastic person give up. But this is not the case with Runo Johansson. While waiting for the workshop to be rebuilt, he has rented a place in Limmared and purchased new machines:

"Choosing Logosol again came naturally. If you have

any problem you can phone Logosol for support, and you are always treated professionally and friendly," says Runo.

This time, due to economic reasons, the assembly of machinery became slightly different. He bought the multi jointer/planer MH410, the table saw PS315, and also the, to him, indispensable MF30.

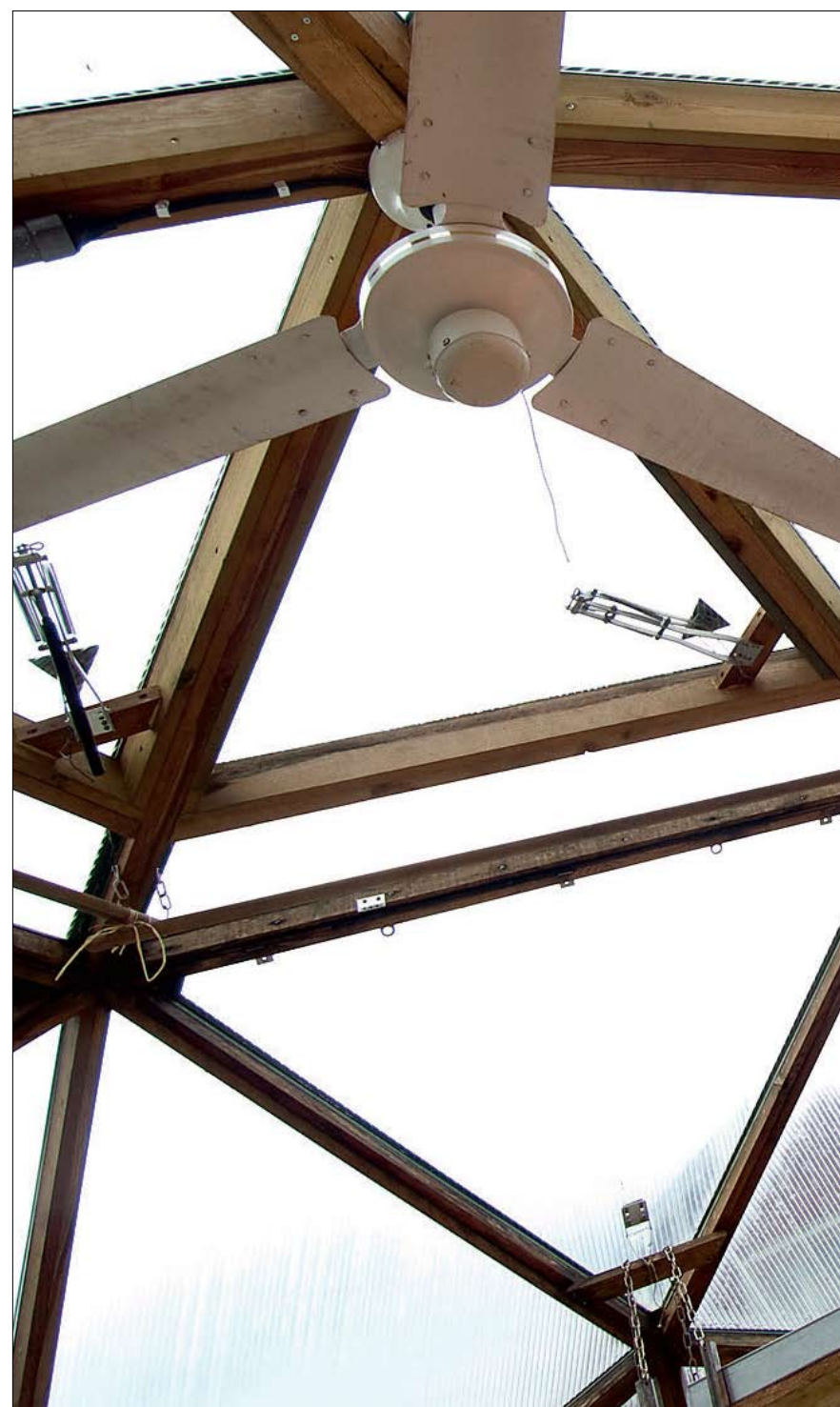
separate machines

He chose separate machines instead of a combi machine, and this is Runo's explanation:

"The logistics in the workshop becomes much better when you have separate machines. A combi machine of the same quality is, strange as it may seem, more expensive to buy," says Runo.

The machine he appreciates most is the vertical milling machine. He uses this to try out angles and profiles before they are put in production. He also uses it for tenoning and routing. When he has found the right shape, he orders knives and starts producing in the multi jointer/planer which is also equipped with a side cutter.

"Two persons can operate the machine at the same time. One takes care of the jointing operation and the other planes and moulds. I know that the four-cutter planer/moulder gives more possibilities and has more capacity, but the vertical milling machine is enough



"As a customer, you can phone without fear of disturbing." Runo Johansson explains why he chose joinery machines from Logosol.

for the wooden details that I need," says Runo.

The GrowPoint is manufactured in a couple of standard sizes starting from 15 square metres. Due to the flexible assembly of machinery he can produce a great number of furnishing options and vary the design according to customers' desires.

The first pilot series were made of aluminium profiles, but Runo soon changed to wood. It is a more natural material, which is appreciated by the customers. The building elements are made of pine heartwood, larch or oak. The goal is, as far as possible, to use timber from his own forest. This is why he has established a cooperation with a nearby company,

Å-såget in Limmared.

The next investment will be another machine from Logosol, the circular resaw KS 150. The circular resaw will streamline the processing of the beams that are made from his own timber.

Runo's greenhouse includes functions, thoughts and ideas that would take several pages to describe.

Instead, we recommend a visit to the website of the company, www.growpoint.se. Finally, we give you a quotation, where Runo, in poetic form, summarizes the thoughts behind his business:

"If we create environments where butterflies are pleased, minds will be opened and mouths will be fed". *



Richard Dunmore found a real challenge in Strelley, near Nottingham.

The ten-eyed *Strelley monster*

Once in a while, something comes along that challenges even an experienced woodsman like Richard Dunmore from UK. The ten-eyed Strelley monster was that challenge....

See more pictures and read the story at www.logosol.com under news



"The vertical milling machine is the best machine for an innovator. Here, I'm trying out angles and profiles," Runo Johansson says about the Logosol MF30.



Dancing with danger, and working at full stretch to make this cut.



The bathroom is beautifully finished using cut offs.



LOGOSOL CANADA

“I used my PH260 for all the woodwork in the house”

Mr. Raymond Leroux is the fourth generation growing up on his farm in Casselman, 50 km outside Ottawa in Ontario, Canada. He took over the farm in 1979 and is now working as a professional logger on the private woodlots in the local area.

“A modern harvester is too expensive for this type of forest,” says Mr. Leroux, “so we work with conventional chain saw and skidder methods.

Farmers still find it economically beneficial to transfer forest land to agriculture land and we often get this type of logging. In this area, man made forests started early on. Today you can find nice stands that were planted 40 to 50 years ago.

Build a new house

There are some big trees

around. I cut five White Pines but needed two truck loads to move them. There must have been over 5,000 board feet between those five Pines.

In May last year my wife and I decided to build a new house. After searching the market we decided to purchase a Logosol PH260 4-sided planer moulder.

Through my work as a logger I have access to all sorts of logs, “tells Mr. Leroux. “I have a small sawmill and saw White Pine,

Red Oak, Sugar Maple, Black Cherry. White Ash, Elm, you name it !

I extended my garage with a wood shop where I keep the PH260 and also dry my lumber. I heat the house and workshop with an exterior wood fired furnace.

The exterior of our new house is covered with White Pine Siding. To use the wood optimally, I used both 8 inch and 6 inch wide boards that I run through the PH260.

“I placed three 8 inch wide

boards in a row and then a 6 inch wide board to make it look nice.”

To optimize the use of the wood is an important factor for me, “says Mr. Leroux”. I can save a lot of money by doing so.”

I made the deck from local Cedar that I rounded in the planer. I planed the boards when they were green but they did not warp at all. My wife and I decided to open a Bed & Breakfast. We put in three rooms with baths in the basement, that we will rent out. They look out over the 90 acre farm land where you often see deer feeding.

Our community has an outdoor summer theater and one problem has been for visitors to find a place to

stay. Hunters are also looking for local lodging in the area during the fall. The Bed & Breakfast will be a nice complement to the income. I used my PH260 for all the woodwork in the house, the Red Oak floor in the living room. For the kitchen floor I made narrow boards out of Maple.

More and more requests

The bedroom has a spectacular Black Cherry floor that will only develop into nicer colours over the years. I saved smaller cut-offs and used a few basic knife cutters for all the patterns to save money.”

The bathroom is beautifully trimmed with shorter cut-offs from the wood work. Mr. Leroux hopes to finish



Red Oak in the living room.



I try to use the same profile knives for many products.



We are opening a B & B!

the house within the next few months.

“The local building supply store phones me when they need custom work. I didn’t want to sell too much of my own wood until now as I needed most of it for the house. The word spread and I started to get more and more requests for using the PH260 planer- moulder,” ends Mr. Leroux.*



The White Pine siding is produced with the 4-sided PH 260 planer moulder.



Rune Dahl is really in his element, having a job and a hobby that allow him to develop products both in the joinery shop and in the river.

Wardrobes and salmon

Having the responsibility for the breeding of 20 000 salmon fry, Rune Dahl is a man who likes when things are neat and tidy. And we see proof of that when we visit him in his joinery workshop which lies in an outbuilding on his property in Mosvik, Norway.

”Having your own joinery workshop to be in is perfect, now when the nights are getting darker,” Rune says.



LOGOSOL NORWAY

Here, he makes sliding door wardrobes and kitchen cupboards of pine and birch, all according to the customer’s wishes and desires.

”Since I received these three joinery machines from Logosol, time seems to pass too quickly when I work in the workshop. I dream of being able to spend more time in my workshop, because I have so many ideas that I want to realize,” Rune says. ”I was planning to buy one machine with all three functions, but now I am very pleased that I bought three separate machines instead.”

”All three machines are incredibly nicely designed and robustly constructed. They have strong motors and high capacity”, Rune states, and shows us the 1 m (3 ft) space between the saw blade and the fence, which makes handling wide laminates easy as pie. ”And it’s a pleasure hearing the machines running, they do not vibrate a lot and the

tables slide so easily that you rejoice. Now that I have this first-rate equipment I can produce everything from kitchen cupboards to chairs and tables,” Rune says.

The river that runs past Rune’s house is regulated by a water power station, and Mosvik Fish Farm was set up to take care of the salmon in the river. Here spawn-ready salmon are caught, and then their roe is taken. The roe is taken care of according to all of the established rules. When the salmon fry have hatched they have a growth period of two years, before they are placed in the river to the great delight of future salmon anglers.

Rune is really in his element, having a job and a hobby that allow him to develop products both in the joinery workshop and in the river. We wish him all the best with his future production of wardrobes and salmon. *



With some ingenuity, Bengt Kastensson manages to handle his sawmill, even though he nowadays walks with the help of a Zimmer frame.

Is 93-year-old Bengt the oldest active Logosol sawyer in the world?

Bengt Kastensson was 81 years old when he bought a Logosol Sawmill in 1995. Twelve years later, he continues sawing. “I have never been able to sit still,” says Bengt, 93 years old and probably the oldest active Logosol sawyer in the world.



Every year, Bengt has ordered chains, bars and one or two spare parts. No one at Logosol had reflected on his age; not until last spring, when he himself brought up the subject.

He was born, has grown up and is still living on the farm Öja outside the town Aneby in Sweden. His son Ingemar and his daughter-in-law Ka-

rin have taken over the farm, but Bengt and his sawmill still live there.

Many elderly are interested in owning a sawmill, but abstain due to their age.

First with the most

”I think they argue wrong. When you are old, you have time to do what you think is fun,” Bengt says.

Two years ago, he traded in his clearing saw for one of the latest model. The dealer wondered if that was so wise, considering Bengt’s age and that he nowadays uses a Zimmer frame. But Bengt bought it anyway.

”The new one is held by a sling, which enables me to manoeuvre it with one hand while I use my other hand to

lean on my stick,” Bengt says.

He is not foreign to novelties. In his pocket he has a mobile phone, and he follows with interest everything new that comes. No generation has experienced so great changes as Beng and his age group. He was born in 1914, the same year as the First World War broke out. Those

days, there were no telephones where he lived, and all work at the farm and in the forest were done by hand or with the use of horses.

Bengt’s father was just as interested in new machines as Bengt later was to be. Öja was one of the first farms in the parish that was connected to electricity, and in 1921 a telephone was installed. But the greatest sensation was when the first car in the district, a T-Ford, was acquired in 1926.

”Not even the district public prosecutor had a car. He only got one two years later,” Bengt remembers.

Both sowing and sawing

Ten years earlier, Bengt’s father sowed the seeds that today have become a forest of stately trees. In 1931 it was time for the first thinning, and by this time Bengt was a grown-up man who took part in the job using his axe. Ten years later it was time for thinning the forest again due to the Second World War.

“During the war, felling trees for firewood was prohibited. However, you were allowed to thin the forest and then use what you got as firewood,” Bengt remembers.

As time went on, Bengt took over the farm and came very near to being the first in the district to have a tractor. He signed a contract in 1942, but they did not have one to deliver. After the war the waiting list for tractors was so long that he had to wait until 1947. In the 1950’s, he was one of the first who bought a chainsaw.

”That was the best purchase I have ever done,” Bengt says.

With the help of the chainsaw he could manage the felling single-handed, instead of selling standing timber. There were plenty of tall trees of the right quality for power line poles and

lamp posts. The poles and posts gave a good income to the one who felled his own trees.

“I calculated that I earned 2.15 (Swedish) kronor an hour from the farming. When I cut trees for poles and posts, I earned 12 kronor an hour,” Bengt states.

An amazing experience

But he never cut up the trees he felled. The sawing the farm required was done by a nearby water sawmill. As a senior citizen, he started to think about how you actually do when you cut up trees and how the trees look like underneath the bark. Curiosity made him buy a Logosol Sawmill, one of the first that was equipped with the electric saw E5000.

“It was an amazing experience cutting your first board,” Bengt says.

Many boards later, the sawing is mainly leisure and fun. As soon as logs are delivered home, he stands by the sawmill. The sawmill is in original condition, and the only things replaced are consumable items and the control panel for the electric saw unit.

“After the storms Gudrun and Per there was a lot to saw. Gudrun mostly took trees that suffered from rot. Per hit us worse. In that storm, seed trees that we had planned to save were felled,” says Bengt, who is concerned about the strange weather. “For as long as I can remember, the rain and wind have never been as violent as nowadays.

Some of the logs he cut come from the forest his father planted 91 years ago. Not everyone is privileged to follow pines and spruces from seeds to harvest, and even fewer have the privilege of sawing them up. *

“When you are old, you have time to do what you think is fun,” says Bengt Kastensson, 93 years old, and still active with his sawmill.



“My father was the first in the district who bought a car and installed a telephone,” says Bengt Kastensson, who was the first in the district to buy a Logosol Sawmill.





John Arnett (right) puts a board through the PH260 to test the knife settings. His brother Ron (center) and nephew Zach watch the outfeed.

The Arnett brothers starting a business with Logosol PH260

“There’s money to be made with this machine”

I met brothers John and Ron Arnett at the Logosol open house in Jackson, Mississippi last summer. They had just finished a job resurfacing the bleachers in a local high school gymnasium and were looking for ideas on other ways to use the PH260 in their business. So how were they doing? I drove up to their business near the tiny northwest Missouri town of Philadelphia to find out. Coming in from the blowing snow, the first order of business was to “inspect” their old pot-bellied wood stove.

By David Boyt

The shop is a 40’ by 60’ sheet metal building housing a variety of production equipment, including table saws, radial arm saws, a band resaw and, of course their PH260 moulder/planer. The Arnett brothers have put a lot of thought into the flow of materials when they arranged their machines. Although the shop is small,

it is not cluttered, and material flows easily from one machine to the next one. All guards and shields in place, and the Arnetts have added to them to make it almost impossible to get a finger near the blade. “When we start our next production run, we plan to have some of our kids working with us,” explained Ron. “It gives

them a little spending money, and it keeps them out of trouble.” While my hands thawed out over the wood stove, Ron talked about his experiences with the PH260.

“There’s money to be made with this machine,” he says. “We bought it about this time last year [Feb 2007]. My brother John found it on the internet, and we got a

job refinishing bleachers in a gymnasium. What he bid on the school job was double the price of the Logosol, so we knew we could buy it and pay for it and put the other half in our pocket. We took the old boards off, ran them through the Logosol to clean them up, applied a new polyurethane finish, and put them right back in place. John and I had our kids, plus three nieces and nephews up there helping. We brought the Logosol to the school and set it up right in the gymnasium with a rotary three-phase converter and dust collector.” After that, they started to look for other ways to use the machine.

Things had changed quite

a bit for the Arnett brothers since we met at the Open House. They visited several local lumber yards, one of which produced its own moulding on a high production six-head machine.

The owner showed Ron a sample of his moulding and asked what he thought of it. “It had ripples in it and some tear-out. I think he may have pushed it through the machine too fast,” said Ron. “John told him that in our shop, trim that looked like that went into the wood stove. John is a little too direct, sometimes!” His direct approach, followed up with some samples of trim from the Logosol convinced the owner of the lumber yard



John Arnett and his brother Ron inspect a test piece from the PH260. Ron's son Zach is learning about the business.

to shut down his production moulder and buy his trim from the Arnett brothers. "This looks like a good, long-term job for us," says Ron.

Ron and John make trim rings that they can leave with potential customers. This is a set of 8 inch sample trim sections on a short length of chain. Ron writes the knife numbers on the back of each piece for reference. "When a customer wants a certain piece of trim, he can read off the numbers, and I know exactly how to set up the machine," he said. Matching trim is also a strong selling point. "We just trace around the trim on a piece of trim and fax that to Logosol's knife maker, and he can grind a set of blades for that profile." More than a dozen pattern knives hang on the wall behind the

machine. "They [the knives] are expensive," says Ron, "but we've got more on order." To sharpen the blades, they send them out to a local sharpening shop.

According to John, it takes about 30 minutes to change the knives. The focus is on producing a high-quality product.

"We generally run this at the slowest feed rate-- I think its about 11 linear feet per minute-- to give the smoothest cut. We don't push it," said Ron. "I think the lumber company probably lost quality because they were pushing the trim through their machine to fast. They were set up like a factory," he concluded.

The positive response to the quality of their products has resulted in a few changes around the shop. A new

band resaw sits next to the Logosol. "When we started it up, the lights in the shop just dimmed," recalls Ron. "We've got an electrician coming in tomorrow to put in some heavier wiring for us." They are also considering installing a chip bailer. "Hopefully when we do that, we'll be able to sell the shavings for bedding. There's money to be made here, but you have to look at every possible aspect of it, including the waste," says Ron. "By this time next year, we'd like to be in a building twice this size." One thing is certain—the PH260 will be in it! According to Ron, "We hope that the Logosol lasts a long time, but at the same time, we hope to keep it busy enough that we wear it out!"

There's nothing better than words of wisdom from



John Arnett installs a set of knives for a new trim pattern. He says it takes about thirty minutes to change the knives.



John Arnett inspects a piece of trim against the pattern. The brothers have found that keeping a close eye on quality has had a tremendous effect on their business.



Ron Arnett shows the final trim test piece. They are now ready to start production.

someone who has been successful. Ron says that the best approach is always to be honest with your customer and produce a good

quality product. "The biggest thing is don't feed the customer a bunch of bull. Just be yourself and show 'em what you've got." *

The Logosol Sawmill has become a part of Russian culture

The sales to Russia have steadily increased, and today Russia can compete with the US when it comes to being the largest export market. At the same pace, the exploitation of people and machines has decreased, and today Russia is a country which in many ways resembles Sweden. A growing number of people buy themselves a Logosol Sawmill for fun.



LOGOSOL RUSSIA

Nowadays, Logosol is cooperating with the import company Absolut in St. Petersburg. The business goes under the name of Logosol Rus, and it has two employees: Vladimir Konenkov and Irina Laguta. Their market extends as far as the Pacific Ocean.

"The trouble is that we rarely have the possibility to visit our retailers and customers. It is simply too far away," Vladimir says.

The visit of his dreams is to the retailer in Jatutsk in the north-eastern Siberia, the coldest inhabited place on Earth. In this region they

have measured temperatures down to -70°C (-94°F). Why do 210 000 people live in such a cold city?

"There are large diamond deposits there," Vladimir states.

But Siberia also has summers, and there are trees. The prices of sawn lumber have shot up, and this makes sawing your own lumber more interesting. To a growing number of people a Logosol Sawmill has become the solution. The difference is that here, the customers comes on a dog sledge to the retailer to collect their sawmills. Translated, the

name of the Siberian store is Swedish Quality.

Private woodlands

There are three important reasons for the increase and change of quality of Logosol's sales in Russia. Russia is the most wooded country in the world, but the government owns almost all woodland. Nearly 70 years ago, a farm lease act was introduced, which makes it possible to rent a forest for 70 years with the obligation to look after, thin and replant it. Russia is beginning to have something similar to private woodlands.

The second explanation

is found in the fact that the old collective farms, the kolkhozes, have ceased to work, and today they are like ordinary villages. Each kolkhoz formerly had a sawmill. Now, they are worn out and no one is responsible for them. Today they are being replaced by Logosol Sawmills.

A changing climate

The third reason emptied Logosol's stock during the spring in 2007, which resulted in customers waiting for their sawmills all over the world. The change of climate has dramatically changed the forestry conditions in

some parts of Russia, e.g. in the Ural Mountains and in Archangelsk.

The ground is marshy in these parts. Due to this, they traditionally fell trees in autumn and then collect the timber in winter when the ground is frozen.

During the winter in 2006/2007 the ground frost never came. Felled timber was left lying in the forests and ran the risk of getting damaged.

Logosol Sawmills became the solution to this, since they are easy to bring out in the forest; and sawn lumber is easier to transport. *



Vladimir Konenkov and Irina Laguta work for Logosol in Russia, and are responsible for a retailer network that extends as far as the Pacific Ocean.

The Handbook for Your Cutting Equipment

A Booklet with Care Instructions

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