

News from Logosol UK

Fresh Cut

2 • 2011

 LOGOSOL

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with the frame saw**

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AN ENDLESS FASCINATION...

Last week neighbours Sally and Alistair came into our woodyard. Not a big sale – just one plank to stop their horse escaping from its stable.

“We love the smell, texture and beauty of your wood” they said, holding their plank

“Do you feel the same working with wood every day?”

“Yes” I replied without hesitation “ I never tire of it”.

And I know my colleagues feel the same.

Peter, our Slovakian bandsaw and planer operator, is always calling me over and saying “Look at this beautiful wood!”

The financial returns are real and important but it is more this endless fascination that draws people into wood processing – and keeps them there for the rest of their lives.

IN THIS EDITION OF FRESH CUT you will meet three young enthusiasts who shared and realized their dream of living close to nature and run their own sawmill. With an interest in craft of the old times they are inspired, taught and supported by their parents and grandparents. And that endless fascination is passed along generations.

FOR THE FIRST TIME IN TEN YEARS, Logosol presents a new Logosol Sawmill. The model passes under the name of M8 and includes a number of new modifications. Comfort and performance have been further raised. Read more about this and our two other brand new products in this edition of Fresh Cut.

WILLIAM DOBIE
Logosol UK



The Best Grinder in a Logosol Version

Tormek's grinding machines and their method for sharpening edge tools have a solid good reputation all over the world. Here comes their top model in a bespoke version made for Logosol's customers.

Tormek has designed an ingenious system of jigs for achieving perfect results when sharpening all kinds of edge tools, no matter if it is scissors, knives, kitchen knives, gouges, or planing knives.

The sharpening is done in two steps. First the tool is sharpened on a water-cooled grindstone, then the edge is honed razor sharp on a leather honing-wheel. Due to the replaceable jigs the edge

angle becomes perfect for every purpose.

Tormek has developed special jigs for planer/moulders and joinery machines. There is one jig for planing knives and one for moulding knives.

There are several Logosol customers who sharpen their planing and moulding knives with excellent result using a Tormek grinder and the special jigs. There is no doubt that Tormek's machines, jigs and method give a first-class result.

Now comes the top model T-7 in a Logosol version. It is a strong and well-tryed grinder. The Logosol Edition is coated in Logosol's grey colour.

But the point of buying it in this design is that it comes with everything you need for getting a successful result.

- The grindstone is the Tormek Blackstone Silicon, developed to sharpen tools of HSS and

other kinds of high-alloy steel. This stone is normally an accessory, but now it is included from the start. It is the right stone for sharpening knives for planer/moulders and joinery machines.

- Jigs for planing knives, moulding knives, chisels and blades for planes are included.

- Stone grader, truing tool for the stone, AngleMaster (measures the angle of the edge), honing compound and a handbook of 160 pages are included.

This is a grinder that you will find useful in all stages of life. It can handle everything from scissors to axes – everything that you want to be sharp.

- The brand new Tormek T7 – Logosol Edition.



Fresh Cut

Woodworkingproject.com

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Special thanks to all Logosol friends who help us make Fresh Cut/Woodworking Project better!

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Innovative wood processing products



DEPEND- ABILITY

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.



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.



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!



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.

More Than a New Soloplaner

SH410 is a New Type of Machine

The new Soloplaner SH410 is not a substitute for the reliable SH230. It is the first in a new category of joinery machines. The first machine you need, the first machine in the production flow.

SH410 works as its forerunner. It has an upper cutter head for planing or moulding knives, and a circular sawblade. It planes and saws in one pass.

The forerunner, SH230 was the first machine in its class. A tool perfect for dimensioning and moulding construction timber, the resaw's superior.

"SH230 was designed for outdoor use. It is rustproof, easy to move, and it is extremely easy to fit knives in," says Logosol's product manager Mattias Byström.

The unique combination cutter head and circular sawblade also serves its purpose in a professional joiner's shop.

When working in the joiner's shop, the first step is to dimension the material. The higher

the accuracy is in this first step, the easier the next steps become.

ACCURATE WITH CAPACITY

Better resaw/planer/moulder is hard to find. That is why Logosol developed SH410 with the emphasis on joinery.

The newcomer is a sturdy machine with a cast-iron table with accurate settings. The measurements are set by using a crank, which raises or lowers the table on the same type of trapezoidal bars that Logosol's larger planer/moulders are equipped with.

SH410 is a solid and accurate machine, also made for timber of larger dimensions. Maximum resawing height is 75 mm. In addition, the circular saw blade can be pushed

aside, which opens the machine for really large material. The maximum dimensions are 410 x 250 millimetres.

The possibility of re-sawing and planing/moulding makes SH410 the perfect machine for making glulam. In one step the gills are planed and sawn. After gluing, boards in widths of up to 410 mm are planed. SH410 is also available with adjustable feeding up to 12 metres a minute.

The original Soloplaner continues to be produced. It is still a unique and affordable machine.



"SH230 is a tool that can also be used outdoors, when renovating houses and building terraces. SH410 is a reliable joinery machine," says Mattias Byström.

TORMEK® T-7

LOGOSOL EDITION

MADE BY TORMEK
IN COOPERATION WITH LOGOSOL

Leather Honing Wheel You finish the sharpening on the leather honing wheel, which lets you polish the edge to a razor sharpness.

Get yourself a real sharpening station

TORMEK T-7 LOGOSOL EDITION is specially designed for Logosol's customers. You get a sharpening station that will sharpen your planer blades and moulding knives with full control. No interruptions in your work to send the steels away for sharpening.

With the *Jig for straight edges SE-76* you can also easily sharpen chisels as well as plane irons to maximum sharpness. Like all Tormek machines, this is a Swedish quality product with high functional and accuracy standards. A must for anyone working with wood!

Tormek Blackstone Silicon SB-250 This stone has been developed for sharpening HSS and other exotic alloyed steels. Its faster material removal is an advantage especially when shaping tools with a large bevel surface, where the grinding pressure is limited, such as planer blades.



These jigs and accessories are included with the machine!



SVH-320
Planer Blade Attachment



SVP-80
Moulding Knife Attachment



SE-76
Square Edge Jig



TT-50
Truing Tool



SP-650
Stone Grader



WM-200
AngleMaster



PA-70
Honing Compound

Handbook in water cooled sharpening





◦ Logosol's product manager Mattias Byström must excuse. It is the Logosol Sawmill that is at its best in the form of the M8.

New Logosol Sawmill M8:

Highest Accuracy from t

The Logosol Sawmill M8 is the new model of the world's most sold sawmill.

"We collected feedback from Logosol Sawmill owners all over the world," says the product manager Mattias Byström at Logosol's headquarters in Sweden.

The customers' spontaneous reaction was that they are satisfied with their sawmills. After 22 years and seven models the Logosol Sawmill is a well-tried and refined product. But while we were asking, they said they could think of a couple of good features that would be useful to have included from the start.

The result of this was the Logosol Sawmill M8. The darker colour shows that the design has been refined and matured.

M8 is a true Logosol Sawmill. A lightweight and rigid construction of durable aluminium profiles with anodized surface. The sawmill can stand heavy, large-diameter logs. It is surprising that something so lightweight and portable can lift so heavy objects.

FIXED STEPS

With the Logosol Sawmill the logs are raised from ground level, away from dirt, sand and bark. The sawing is done at a comfortable working height. Since the sawmill stands on four

stable legs, the Logosol Sawmill does not require plain and level ground like more ground bound sawmills do.

Accuracy and a high-quality sawn surface are two specialties of the Logosol Sawmill. The measurements are set in fixed steps of 1/4 or 1/8 inch by using winches. The measurements can also be read from visible scales.

For the Logosol Sawmill there is a growing number of accessories available, which creates the perfect sawmill for different uses. It is from this variety of accessories that the inspiration for the new M8 comes.

- Integrated log ramps make it easy to roll up even big logs onto the sawmill. The log ramps can be unhitched from the sawmill when transporting it. The sawmill has stable feet that make it possible to bolt it to the ground.

- The M8 comes partially assembled. Important components are adjusted when manufactured to give highest accuracy.

- Log end rests are integrated at the ends of

the guide rail. This gives the highest precision along the whole length of the log, from the first cut to the last.

- A mount for the saw unit's feed line has replaced the log grip on the guide rail. The log grip is now available as an accessory.

- Sturdy log clamps, adjustable in height in order to give the best angle.

WINTER SAWMILL

The basic design is the same as for the M7, with the same profile on the guide rail, the same well-tried log beds, and the same ingenious carriage for the saw unit. Due to this, the accessories for the M7 and its precursors can be used also on the M8. One example is the feeding unit E37 Friction, which according to many Logosol Sawmill owners should be the first accessory you purchase. This durable machine makes sa-

wing more comfortable.

Considering the season, it should be pointed out that the Logosol Sawmill, no matter what model, is the perfect winter sawmill.

"BETTER SAWING RESULT"

Snow and ice do not stick to the anodized surface. The sawdust is thrown out away from the sawmill, and if the sawdust heap becomes too big, you just move the sawmill. This is an important quality in the winter, since sawdust acts as a reinforcement and makes the snow hard as stone.

But why should you saw in the winter?

"Dryer timber, less tension in the wood, and a better sawing result. In addition, you are spared from dust in the bark if you fell the trees and handle the logs when there is snow on the ground," reads the short version of the answer from Mattias Byström.

IT IS SURPRISING THAT
SOMETHING SO LIGHTWEIGHT
CAN LIFT SUCH HEAVY OBJECTS



• The log ramps are now integrated with the Logosol Sawmill.



• The log is lifted with winches up to a comfortable working height. It is fixed with sturdy log clamps.



the First Cut



• The Logosol Sawmill produces timber of accurate dimensions and with a superior sawn surface.



THE STORY OF THE UNPLUGGED SAWMILL

This year it is the tenth anniversary of the Logosol Sawmill model 7.

Logosol celebrates this by taking the next step in development, the M8. But what happened on the way here?

1989. The Logosol Sawmill was introduced for the first time in 1989, on the exhibition Elmia Wood. It struck like a bomb. At that time a mini-sawmill was actually a large piece with a wood bench and ignition bulb motor. Or with a very large electric motor that depended on high-amp fuses.

The first Logosol Sawmill was an “unplugged” sawmill. No cord, and with a big petrol powered chainsaw running it. The saw unit was by far the biggest chainsaw on the Swedish market, Stihl 066. The world’s most sold chainsaw received Swedish type approval because Logosol started to sell the Logosol Sawmill.

As all Logosol Sawmills, the first one was also lightweight and very portable. It was designed to make it possible for one person to lift it onto the roof of his or her car, drive it to the woods and cut timber there on the spot. The sawdust was left in the woods, and you could drive back home with sawmill and timber.

1990. Model 1 was made of standard aluminium profiles, screwed together like a big Meccano construction. Fascinating for those who like building kits, complicated to others. Due to this the M2 was introduced already in 1990. It was then the guide rail, which is still in use, was designed. By using aluminium profiles made specially for the purpose, the sawmill became simpler to assemble and its length was increased to five metres.

During the 1990s new models were introduced every second year and the number of accessories increased. When the M5 came, all development potential was exhausted. The work with developing a new generation of sawmills begun. The M5 is the ultimate sawmill of the original type, and is still being manufactured.

The 066 became the present Stihl MS660. It is still the world’s most sold professional chainsaw. Extremely reliable, and almost impossible to wear out. It does its job during many years, on the sawmill and when felling trees in the forest. In addition, it is a workhorse on the woodyard.

1993. The old village sawmills disappeared one by one, and the need for stationary sawmills grew. Modern circular and band sawmills were unreasonably expensive. The demand for an improved Logosol Sawmill increased. It already started in 1991 with extensions for the guide rail of the Logosol Sawmill. In 1993 came the first electric saw unit, E5000.

1995. The most common objection to the Logosol Sawmill was about the wide sawing kerf. In practice, the difference was minimal compared to a circular sawblade, especially when considering the fine and smooth sawn surface. If you plane off the defects that the surface gets when being sawn by a circular sawblade, the difference in material loss disappears. But Logosol chose to listen to the customers’ demands for a narrower kerf. In 1995 the first bandsaw unit, BS320, was introduced. Initially, it was a sensitive machine, but after years of improvement it has become a reliable workhorse.



2001. The Logosol Sawmill model 7 is introduced, 5.5 metre long, wider, sturdier, and with more accurate height setting. On older Logosol Sawmills the height is adjusted with the help of lock pins. On the M7 the log beds are raised to the sound of clicks by using a crank. One click is either 1/8 or 1/4 inch, depending on the setting. With the M7 came more accessories to make it possible for everyone to build a sawmill that is perfect for his or her needs.

2011. Now model 8 is introduced. It is described in the article next to this. The Logosol Sawmill M8 is the combined unplugged and stationary sawmill. Perfect out in the woods and at home on the backyard.



• The sawmill LumberMate Pro can without problem take logs that are 70 centimetre in diameter.

Dreams Come True with the Help of Father-in-Law

It is not often log houses triumph at trade fairs.

But David Nilsson and Tomas Broström were able to score success at one of the biggest trade fairs in Sweden.

Their log house built of very large-diameter logs made the visitors open their eyes wide.

When meeting David and Tomas, it is easy to be mistaken about them. David is the younger of the two; Tomas is his father-in-law and should due to his age be the more experienced timberman. But it is quite the opposite.

"When I grew up, I was told that my great-grandfather built log houses. I got interested and took a 40-week course five years ago," says David.

After the course he moved to Råneå for a job as a sorter at a large sawmill. Råneå is situated in the northernmost part of Sweden, just south of the Arctic Circle.

Tomas was already working with the sorting on the same shift. After some time David and Tomas's daughter became a couple.

LARGE-DIAMETER TREES BECOME WOODCHIPS

In his spare time, David has built and renovated log houses. His hallmark is very large-diameter logs, preferably 60-70 centimetres. Such logs could be bought at the right price at the sawmill. The debarker cannot take logs over 60 centimetres in diameter. Logs over that size are ground into fuel chips.

"Which is very unfortunate, since large-diameter logs often are of high quality," says Tomas backed by the sorter's expertise.

The son-in-law's passion for building log houses rubbed off on Tomas to such a degree that last winter David and Tomas started the joint business Timmerstugor i Norr AB (Log Houses in the North Ltd). They bought a piece of land where they could build log houses, and purchased

a Logosol Norwood LM Pro band sawmill and the log moulder Logosol LM 410. Both the sawmill and the log moulder are petrol-powered, and the log moulder is moreover the only one in Sweden with petrol motor.

IT WORKS PERFECTLY

"It works perfectly. I haven't got stuck even once," says David, who recommends those who saw large-diameter logs to choose Håkansson's HSS sawblades, preferably 38 mm wide.

"The difference between ordinary blades and HSS becomes bigger the thicker the logs are," says David.

On the property there was once a house that burnt down. On the old foundations a new house is being built. Both water and electricity are already connected. But why do you choose petrol power when you have a three-phase socket only a cable length away?

"We had the idea of sawing and moulding on the customer's property, but it is more convenient to build here, then take it down and transport it to the customer," is Tomas's answer.

Their first major project was to build a show house that they would exhibit at one of Sweden's larger trade fairs with over 100 000 visitors. There are many exhibitors who are competing for attention, and you must have something interesting to show if you want people to stop at your stand.

The show house caused queuing. Only six logs were used up to the waling timber, i.e. the highest point of the sidewalls. This is as far as you can get from the plank timber sheds you find in DIY stores.

"I can't count how many times we got the question about how to find logs of



• The combination band sawmill and log moulder from Logosol is perfect for producing log houses of large-diameter logs. This is David Nilsson's and Tomas Broström's opinion.

that large diameter. People didn't believe us when we told them that large-diameter trees grow everywhere," says Tomas.

BUILDING WITH THE SLABS

He and David took a walk around the trade fair and its surroundings. Even here there were really large pines and spruces. The trees do not look so large when growing out in the open. 70 centimetres at the root looks a lot bigger when integrated in a log house construction.

David and Tomas want the house to communicate massiveness, but at the same time it should be easy to build. The show house was built of 6 inch logs. Due to the large-diameter of the raw material, the slabs became so thick that they could also be used in the construction.

David has built several log houses using halved logs and thick slabs. The photos related to this article speak for themselves.

The interest people showed at the trade fair led to many inquiries. If the quotations are accepted it is just a matter of time before David and Tomas leave their jobs at the sawmill. In a year, they may well be full-time timbermen.



• Ove Benjaminsson bought the sawmill from Logosol in 1991. Two years later he placed an order on the electric saw E5000. Today, it is still used frequently giving a perfect result.

"The Logosol Sawmill was a success"

Ove Benjaminsson was one of the first to understand the possibilities of the Logosol Sawmill. He discovered it on the Swedish forestry exhibition Elmia in 1989. Two years later he bought his own sawmill at the same exhibition. The Logosol Sawmill is still in service.

Today, Ove is retired. Back then, he was a forestry entrepreneur with his own forest estate in south-western Sweden. Elmia hired him to book exhibitors. He had no experience at all when it came to selling stand space, but he knew about forestry.

"I received a bundle of newspapers and started phoning advertisers," Ove remembers.

He especially fell for one ad, a small one from the then newly established company Logosol. The small ad was enough to make him understand the possibilities of the sawmill. The result of this was that in 1989 Logosol participated for the first time in a large forestry exhibition.

"The Logosol Sawmill was a success. No other product aroused so much interest," Ove remembers.

STILL IN SERVICE

When Logosol two years later exhibited its sawmill at Elmia, Ove bought the demo sawmill. It was later supplemented with a 2.5 metre extension and one of the very first electric saw units, Logosol E5000.

"I have sawn incredibly much timber over the years," says Ove, who still uses the 20-year-old sawmill frequently.

Over the years, he has renovated dwelling house and outbuildings on his farm, and he has also replaced house facades for the neighbours. Buying timber is out of the question, all is taken from his own woods.

"I have poor soil, you see" says Ove and gives us a cunning smile.

By that he means that the soil is so meagre that the trees grow slowly. Really slowly. He points at the ends of a couple of planks. The annual rings are so close that they cannot be distinguished without a magnifying glass. The quality is on par with dense larch from Siberia, but here we are dealing with spruce and pine.

RENOVATED THE CHURCH TOWER

After retirement, Ove has become engaged in church affairs and made responsible for a number of buildings that belong to the Church, among them four church houses. When being renovated, the old buildings require first-class timber with the right surface. With the Logosol Sawmill the surface becomes like the one old-time frame saws produced, and the accuracy is the best possible," so once more Ove is the one sawing the building material.

He brings Fresh Cut on a tour and shows the tower of the church. The top of the church tower has been renovated. The timber used is delivered by Ove.

"I give a 100-year warranty on it," says Ove.



• The task for this sawmill is to feed a Logosol Låks 500 frame saw and a Logosol PH260 planer/moulder. "The accuracy and the sawn surface are unbeatable," says Anders Assarsson, who has used his Logosol Låks 500 industrially for seven years. Now it is to be automated.

Anders is Squaring Logs for the Frame Saw

There are not days enough in the year for Anders Assarsson who runs Svenshult's Sawmill south of Gothenburg on the Swedish west coast. Even though the largest model of Logosol-Låks frame saw is going at full speed and the neighbours are helping out. Now, the frame saw is to be automated, with the help of a large circular saw.

Anders is the third generation on the farm. His grandfather bought the property in 1906. Back then, there were no full-grown trees as far as the eye can reach, only newly planted forest.

"A 96 year-old lady in the village says that when she was young, you could see the sea when standing on the hills," says Anders.

Today, you cannot see the sea, only dense coniferous forest. What was planted in the beginning of the last century is now ripe for harvest.

Ander's father Assar Svensson started the sawmill in the 1950's. The timber that was sawn became material for making packaging, for example boxes for vegetables. Anders and his brother became partners in the business in 1984, but then came the building crisis during the 1990's and the business was closed down.

"I worked away from home during a couple of years, but the sawmill was still there and after a while people started asking if we couldn't saw timber for them," Anders remembers.

SAWING YOURSELF IS MORE PROFITABLE

The old sawmill was brought back to life, and until 2004 Anders also produced timber for



making packaging boxes. The demand for construction timber increased to such an extent that he invested in a Logosol Låks 500 frame saw and a Logosol PH260 planer/moulder. The old sawmill was allowed to stay to produce squared logs for the frame saw, but now it is on the way out.

"The demand for timber has increased to such an extent that I can't keep up with the rise. I buy more and more sawn timber, but the margins on bought timber are not as good as when I saw my own timber," Anders states.

Now, he invests 700 000 Euro. The frame saw from Logosol stays and will be automated. A new sawing house is built and in there a circular sawmill of the largest model is

being installed. It is equipped with a double edger and all kind of automatic control devices.

FEEDS THE FRAME SAW AND PLANER

The circular sawmill will automatically feed the frame saw with squared logs. While the frame saw is cutting the squared log, Anders will saw logs into other dimensions using the circular sawmill. This way he will have two productions flows and a significantly higher capacity, without having to employ anyone.

Now, when he invests so much money in a circular sawmill of industrial scale, why does he keep the frame saw?

"The accuracy and the sawn surface are unbeatable. Customers don't accept the rough

surface that you get from a circular saw," says Anders.

In his range, he has a couple of products that require a frame saw. One of them is cladding boards with two rough surfaces and planed edges. This is a product appreciated by builders, who can turn the boards in all directions, and still get a paintable surface facing outwards.

THE PLANER HAS PAID OFF

The timber sawn on the circular sawmill will then be machined in the planer/moulder. When the timber is to be planed, the quality of the sawn surface is of less importance. The planer/moulder was bought already in 2002, and has paid off several times over.

"There should have been a counter on the planer right from the start. Today I don't dare estimate the number of metres that has passed through the machine," says Anders, who praises the machine for being reliable in operation and at the same time producing a good result.

Also the PH260 will move to the new sawing house. If the demands for planed products increase, it may be accompanied with another machine, or maybe be replaced by a bigger planer. But today there is no reason for replacing this workhorse.

Anders is alone in the business, but if the need arises two of his neighbours, Erik and Nils Johansson, help him out. Every now and then, they bring their father Assar. They are three gentlemen who know about wood and sawing. And the knowledge about wood is the reason why demands have increased.

"My customers are both builders and private persons. They want the right sort of timber and aren't satisfied with what is offered in DIY stores," says Anders Assarsson.

Young People Realize their Dream with Their Own Sawmill

Living Close to Nature

In Sweden the trend is evident: Young people become more and more interested in crafts of the old times and dream of a life in the country. Three of those are Johannes Kabell, Timothy Ohdin and Per Hansson. They have started a crafts collective and are building a large workshop with the help of their jointly owned sawmill from Logosol.

All three of them are trained boat builders, but today they work with maintenance and restoration of old houses.

“As a boat builder you have to be very careful, or it will start leaking”, says Per Hansson.

This accuracy is equally important when renovating old houses. Together they are building a large two-storeyed workshop with a bottom-floor area of 7 x 20 metres. It will also be used for demonstrating old building methods.

BUILDING LIKE THE VIKINGS

The house is being built in the village Unnaryd, which lies in the forests of southern Sweden. It is a post-and-plank house, a building method that was used by the Vikings. It reminds you of half-timbered houses. This method is suitable for a Logosol sawmill. The three boat builders have produced most of the timber on their own, but they have also been helped by an experienced sawyer, and he too has a Logosol sawmill.

The building project is interesting in several ways. If we start with the frame, the longitudinal beams stretch from one side of the house to the other. Their length is 20 metres. They are made of several beams that have been joined together using an old method with self-locking hooks that are just as strong as the beams.

But the biggest challenge is the actual workshop with the dimensions 7 x 8 metres. The second floor has to stand heavy loads. Here, they will store timber, and other heavy objects will perhaps also be placed on this floor. The joists between the floors must be extra strong.

WOODEN BEAM STRONGER THAN STEEL

“We contacted a construction engineer who had a plan including steel beams. It was too expensive and space consuming,” says Johannes Kabell.

He found the solution in a German book on timber construction techniques from the 19th century.

Two thick wooden beams are suspended in their ends to dry. The result is that the beams bend. Then hooks are cut out along the entire length of the beams, and finally they are joined together. The hooks are interlocking like cogwheels, locking the bent beam. Then they are fitted with the bend facing upwards. This type of beam becomes stronger than steel of the same dimensions.

The building method used, means that you first raise standing beams with grooves in their sides. In the grooves you place boards, or in this case logs.

The workshop will have four kinds of exterior walls, to show different possibilities. One is made of straight-sawn logs that have been



• The older generation inspires young people to build with wood. Here are two generations in front of the big workshop, built of timber sawn with a Logosol sawmill. From the left: Ove Benjaminsson, Per Hansson, Timothy Ohdin, Sören Kabell and Johannes Kabell.

hand-hewn, another is of machine-milled timber, the third is of standing panelling of different widths, and the fourth is of moulded standing panelling.

The trio's favourites are the hand-hewn log walls and the standing panelling of different widths.

INSPIRATION FROM FATHER

How is it that three young men are trained to become boat builders and work within the field of small-scale wood processing? Well, it is not as strange as it may seem.

On one hand, it is a sign of the times. Several Swedish surveys show that more and more young people dream of a life closer to nature. Old crafts of all kinds have come back.

On the other hand, there is often an older generation that inspires and helps out. This is also true in this case. Johannes's father is Sören Kabell, a legend within Swedish forestry and founder of the biggest forestry exhibition in the world, Elmia Wood.

“I'm impressed by the things the guys produce,” says Sören when he walks around in the workshop.

Their results receive full marks. Nothing else is to expect from a proud father, but Fresh Cut's correspondent verifies that this is true even for a neutral eye.



• The beams will be reinforced by a method that makes wood beams stronger than steel.

Read all about Logosol's exciting product news on our web:

www.logosol.co.uk