

News from Logosol UK

# Fresh Cut

2 • 2012

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best features**

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## A DREAM COMING TRUE

Foto: Petr Krejci

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## THE SOUND OF THE LÅKS FRAMESAW...

I am enthusiastic about all of Logosol's machines and indeed we use most of them in our woodyard in the Scottish Borders, but if I had to choose a favourite it would have to be the Låks framesaw. The very sound it makes fascinates me - more like the relaxed chuff of a steam engine than the penetrating whine of a band or circular saw. I am intrigued by its high productivity even though its one metre per minute sawing speed seems snail-like compared with the metre per second of my circular saw. Its low power demand appeals to my green ideals and its accuracy makes subsequent drying and planing significantly easier.

SO I WAS ESPECIALLY pleased to be

able to take the Låks 330 framesaw to the APF demo last month, renew my friendship with its designer and manufacturer Kalle Låks, and meet potential new customers and hear about the success of existing customers. You can read more in another article.

**I WOULD ENCOURAGE** anyone who is interested in profiting from timber markets such as pallets, fencing, cladding and flooring which require lots of boards of the same dimensions to go onto the Logosol website and find out more about the Låks framesaw. It may be an unfamiliar concept but I can assure you it is very well proven with centuries of experience behind it.

**WILLIAM DOBIE**, Logosol UK

## LAKS fascinated at the APF

### THE APF IS HELD EVERY SECOND

year in September. It is by far the most important trade fair in the UK aimed at those who make their living from trees. Nearly every machine connected with harvesting and processing timber can be seen in action and there are fascinating competitions and displays of chainsaw carving, pole climbing, woodland crafts, horse logging etc. This year it was held at Ragley Hall in Worcestershire and amazingly for this summer the sun shone most of the time. If you have never been to the APF, then pencil it into your diary for September 2014, as anyone with an enthusiasm for trees and timber should visit it at least once in their lifetime.

### THE APF 2012 WAS THE BIGGEST

Logosol display so far at any British show. At the center of the stand two Swedish brothers, Bengt and Kalle Låks, demonstrated their multi-bladed Låks 330 framesaw and the Logosol M8 mill with the BS350 bandsaw. They showed how this simple combination could efficiently convert low value timber, in this case short douglas fir logs under 25cm diameter, into consistent sized boards suitable for many uses such as pallets, fencing, cladding, and flooring.

Next to them Welsh sisters, Sharon and Heulwen Davies of Davies Implements operated the Logosol Norwood LM Pro mobile bandmill, which they towed from their base near Carmarthen. Neither sister had operated the bandsaw before, but with a little expert tuition from Bengt, they quickly converted a stack of bigger spruce and larch logs into an impressive pile of accurately sawn boards. Davies Implements had been successful dealers for the Lumbermate bandsaws for many years before Logosol and Norwood linked up and have built up a big following in Wales and the border counties. Meanwhile Willie and Charlotte Dobie from Logosol's UK base in Scotland dealt with general enquiries, met many old friends and explained the amazing versatility of the new SH410 Soloplaner and the unique drying method of the Sauno kiln, a revival of a technique common in the 19th



century which relaxes the wood before removing the moisture with a minimum of distortion.

**MOST VISITORS WERE FASCINATED** by the Låks framesaw with its gang of reciprocating blades and many might have assumed it was a completely new invention.

A reminder of how wrong they were could be found on the vintage machinery stand opposite where a massive Kirchner horizontal framesaw manufactured in 1907 was planking up a large oak butt. A fundamentally sound principal may be neglected for a generation or two but will eventually resurface. The framesaw was common up to WW2 and was valued for its accuracy, steady production and low energy consumption, but gradually gave way to faster circular and wide-bladed bandsaws as commercial sawmills pursued ever-higher production. Over the past 20 years Kalle Låks has reengineered and perfected the framesaw as a high production resaw which perfectly complements the new generation of narrow bladed bandsaws.

Just as inspiring as the old framesaw was its restorer Joseph Lawley who came over to the Logosol stand to admire his machine's Swedish reincarnation. Joseph is in his nineties and is still totally active restoring and demonstrating vintage sawmills and tractors and is living proof that a lifetime of working with wood can keep one eternally youthful in spirit!

## Fresh Cut

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### EDITORIAL STAFF

#### Publisher:

Logosol UK

#### Editorial Page Editor:

Marie Rönnerberg

#### Translations:

Anna Olsgrén Byström

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## LOGOSOL

Logosol UK

The Sawmill

Abbey St. Bathans, Duns  
Berwickshire TD11 3TX

#### Telephone:

01361 840 389

#### Email:

enquiries@logosol.co.uk

#### Web:

www.logosol.co.uk

## THE BRAND OF LOGOSOL



### 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 Woodworking Project 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.





• Lots to smiles to be seen after the successful first cut.



## Cutting oak with Big Mill System

**How do you cut an oak log that is three feet in diameter and weighs nearly 2 tons? We used the Big Mill System – see pictures above from the big cut!**

The owner of the oak log asked Logosol for help. The mighty oak was just over three feet in diameter and eight feet long. "Fresh oak weighs about 57 lbs/ft<sup>3</sup>, so the log weighed about two tons. Then it is a big advantage if you can cut without having to lift up the log onto a sawmill. The job was perfect for Big Mill Pro and Big Mill System", notes Logosol's product manager Mattias Byström, who took up the challenge.

Four people were required to lift away the first batch.

"The boards we cut out weighed about 110 lbs each", says Mattias Byström, showing off the amazing results.



• Bengt-Olov Byström, founder of Logosol.

## Bengt-Olov's TIPS ON CHAIN SHARPENING:

✓ **Sharpen before it gets dull!**  
Sawing with a dull chain puts a lot of stress on the cutting equipment. It is important to sharpen the chain before it gets dull.

✓ **Sharpen it comfortably!**  
It is always easier if you have a comfortable working place. Fasten the guide bar with a clamp when sharpening, and use a filing vice if you have an electric saw and are sharpening manually.

✓ **Don't forget to change sprocket!**  
The best is if you alternate between four chains using the same sprocket. When the chains are worn out, you change the entire set including the sprocket.

✓ **File the bar with a UKF edge file**  
If the chain has been damaged the guide bar can get unevenly worn. File the bar rails level using a UKF edge file.

# 5,000 year old oak sawmilled on LMPPro

## Diamond Jubilee Fenland Black Oak Project gets underway

**The largest ever intact 5,000 year old sub-fossilised trunk of an ancient giant oak (Fenland Black Oak, or bog oak) was recently excavated and saw milled into giant full-length planks at the site of its discovery in the fens near South-ery on the Norfolk/Cambridge border. On 25th September the bog oak was sawmilled into giant full-length planks on the Lumbermate PRO with 9 extensions at the site of its discovery.**

In order to excavate, preserve and utilise this ancient trunk, the planks will be specialist kiln-dried and, with the help of the fine woodworking students of the Building Crafts College in East London, a unique 44ft long table will be created as a gift to the nation to mark the Queen's Diamond Jubilee and form part of our national heritage.

Nearly 40 people were at the day-long event which posed the first of many practical and logistical challenges for the project.

Fenland Black Oak specialist and project director Hamish Low of Adamson and Low said, "The day was phenomenal and could not have gone any better. There was so much that could have gone wrong with this 44ft trunk when we lifted out of the ground or during the sawmilling, but it was amazing and we are so grateful to all the individuals, companies and organisations who have donated their valuable time, expertise and equipment in order to get us this far." So far support has come from landowners G's Shropshire & Sons, Burwell-based ACF Telehandlers, Ely-based Malco Freight, Swedish company Logosol UK (Berwickshire office) and Insitu Designs (sawmills & oak-wrights) from Goudhurst in Kent.

The 10 freshly sawmilled planks have been delivered to the Building Crafts College in Stratford, East London where a 15 metre bespoke specialist kiln funded by Coillte Panel Products is being constructed by students. The kiln will house the planks for 6 months until they are ready to be worked. We hope to keep you up-to-date with the progress of this amazing project.



• Everyone working together to get this magnificent timber onto the Logosol Norwood LM PRO.....gently does it!

### USEFUL FACTS: The Diamond Jubilee Fenland Black Oak Project

Earlier this year, a unique 5,000 year old sub-fossilised trunk of an ancient giant oak (Fenland Black Oak, or bog oak) was discovered in the Fens of Ely in Cambridgeshire.

Instigated by Fenland Black Oak specialists and cabinet makers Adamson and Low and encouraged by the Worshipful Company of Carpenters, the Diamond Jubilee Fenland Black Oak Project will excavate, preserve and utilise this ancient trunk by sawmilling the tree into giant full-length planks and, after specialist kiln drying and the help of fine woodworking craft students, create a unique table as a gift to the nation to form part of Great Britain's national heritage.

The tree is a massive 44ft / 13.4m long with no measurable taper indicating either root or canopy. This means that it can only be a section – possibly as small as a quarter – of the original epic tree.

As far as can be determined, this specimen is sound along its full 44ft length, which, along with the fact that it is impossible to know how long on Fenland Black Oaks will continue to rise out of the soil, and their fragi-



lity, make it unique and worthy of preserving for the interest of the nation.

Fenland Black Oak is one of our nation's most important national timbers but there are no examples of Fenland Black Oak or bog oak on display in the UK at all.

A project team was formed of Adamson and Low, the Worshipful Company of Carpenters and Character Communications Ltd., and the message about this special project is being spread!



Add a Zero to the Price to Find a Better Vertical Milling Machine than Logosol MF30

# LOGOSOL MF30'S SIX SUPERIOR FEATURES

**Forget that Logosol MF30 is the most complete milling machine on the market.**

**Just regard it as a vertical milling machine.**

**What you see is a vertical milling machine with the same functions as industrial machines that cost several times more.**

The vertical milling machine is one of the basic machines in every woodworking shop. If you are thinking of leaving the jointer plane and sheath knife, this is one of the first investments you should make. But if you think that you just need a vertical milling machine, Logosol's versatile MF30 may seem to be too advanced.

Regarded as just a vertical milling machine, how does the Logosol MF30 stand a comparison with other machines, for the same or lower price? Woodworking project passed the question on to the designer of the machine, Bo Mårtensson.

"On six points it is superior to all other machines on the market in the same price range," he answers.

## SIX OUTSTANDING POINTS

Here are the six points followed by comments from the experienced cabinet-maker Berth Olsson. Today, he is the teacher of Logosol's joinery courses. Earlier he worked at an industrial training programme for machine joinery, without any connection to Logosol. Even back then, he used the MF30 in the training.

**1 The MF30 has a machine table and carriage made of precision-machined cast iron. Other machines have table and carriage made of plate.**

"The stability of the machine is crucial when it comes to the operation. The MF30 is just as stable as the cast-iron machines I started working with in the 1960's," says Bert Olsson.



**2 The MF30 has a spindle that can be tilted both backwards and forwards in 45 degrees. Other machines have spindles that can only be tilted forwards, and some can also be tilted five degrees backwards.**

"By tilting the spindle you get several profiles from the same tool. A cutter should only be tilted backwards. Firstly, there is risk of the workpiece being clamped and then hurled out with great force if the cutter lies on top of it. It is usually called idiot operation and is a safety risk. Secondly, you can't use



• The experienced cabinet-maker Berth Olsson has worked with the MF30 for many years. Today, he is the teacher of Logosol's joinery courses.

a feeder when the cutter is tilted forward. If you are end milling or drilling, on the other hand, the spindle has to be tiltable forward. You can't end mill with a spindle that is tilted backwards," says Bert Ohlsson.



**3 The MF30 has two interchangeable spindles. Besides the cutter spindle you have a high-speed spindle with four different speeds – 3 000, 6 000, 9 000 and 14 000 revolutions per minute.**

"I don't know about any other vertical milling machine in this price range that has a high-speed spindle with several speeds. This is a necessity if you are using tools of different sizes. Each tool has an optimum peripheral speed. The smaller the tool is in diameter, the higher the rpm has to be. A too high rpm in relation to the size of the tool is a safety risk," states Berth Ohlsson.

**4 The MF30 has two tiltable fences on either side of the cutter.**

"As far as I know, the MF30 is the only

vertical milling machine in the world with fences that can be tilted. I can't understand why other machines don't have that. When you are milling an inclined profile you normally have to make a template that fills up the space left from the material that is milled away on the outgoing side, or else the workpiece will be hanging in the air and the precision is lost. On the MF30 you just set the fence so that the workpiece is perfectly supported on either side of the cutter," says Bert Ohlsson.



**5 The MF30 has a spindle that can be reversed. With the help of a switch, you choose which way the cutter is to rotate.**

"It's the same here, I can't understand why other vertical milling machines don't have spindles that can be reversed. This enables you to choose either conventional milling or climb milling with feeder. By climb milling hardwood like oak, you avoid chipping and get a finer surface. If you are going to climb

mill with feeder, the cutter has to be reversible," says Bert Ohlsson.



**6 The MF30 has a big carriage with a stroke of one metre.**

"With a stroke of one metre, you can also process long workpieces and get the absolute highest precision. Every joiner realizes the benefits of a big carriage," says Berth Olsson.

This comparison is with vertical milling machines in the same price range as the Logosol MF30. There are machines on the market with all the features listed above, except tiltable fences. But then we are talking about industrial equipment at a significantly higher price.

"Add a zero to the price if you want to find something similar," concludes Berth Olsson.

Besides the points mentioned above the MF30 has 20 additional features, which we have chosen to leave out in this comparison. But they are there, ready to be discovered when you need more than a powerful, stable and reliable vertical milling machine.



The dream to produce furniture at the place the trees have been felled:

# Anton's Rough Bark Bench Attracted Attention in London

Everyone who saws his or her own timber gets amazed by the same thing: Rough logs turning into smooth boards. The designer Anton Alvarez captured the magical moment in a bench, which was shown during the London Design Week at the end of September.

Anton Alvarez is from Sweden. During his education he used a Big Mill from Logosol to create unconventional furniture.

The first tries whetted the appetite. When he continued his studies at the venerable university Royal College of Art in London, he got the opportunity to develop his idea of sawing furniture.

The assignment came from the American Hardwood Export Council. This organisation works for an increased use of American hardwood.

Through the project "Out of the Woods" graduating students in product design got the task to create environmentally friendly furniture from a life-cycle perspective.

## ROUGH, UNBARKED CHERRY-WOOD

It was not enough that the furniture was made of a sustainable material. The design had to feel applicable well into the future to avoid that fully functional products are scrapped when the trends change.

Anton Alvarez had one requirement:

"I wanted to start from an unbarked log."

The idea was that he would do it in the USA, on the spot where the tree had been felled, and that the result would then be transported to the exhibition in London. But instead an unbarked log of American cherry wood was sent to London.

"The cherry trees that grow here in Europe are just like thin sticks compared to this. I would very much like to see a forest of large-diameter cherry trees," says Anton Alvarez.

## PERFECT CONTRAST

The aim was to create a sharp contrast between the rough bark and a perfectly sawn surface. This is the opposite of the aesthetics behind sculpting with a chainsaw, which



gives coarse surfaces with about the same sensation that you get from bark. He was trying to capture the feeling every sawyer experiences when they lift off the slab after the first cut and are met by a perfectly sawn surface.

The bench was cut out with great precision, also this time with a Big Mill. Half the log became a seat in the shape of a perfectly sawn triangle. On the other half the bark was left on. It became a meeting between nature and design, between the crude and the refined.

"The chain gives a fine and exciting surface that isn't planed," says Anton.

The bench attracted much attention during the design week in London. It stood out among the twelve pieces of furniture that were produced during the project.

## THE DREAM PROJECT AND THE MACHINE

American Hardwood Export Council is planning to exhibit the twelve contributions in other places in the world. For his own, Anton Alvarez hopes to get a commission of a more steady nature.

"The dream would be to produce furniture that are placed where the trees have been felled, as a part of nature," he says.

Right now, he devotes himself to another project, which will be shown during this autumn at an exhibition about Swedish design in Tokyo. He has created a method for putting furniture components together. Instead of screws and pins he has designed a machine that binds the components together with thin wires.

More about this is found on his website [www.antonalvarez.com](http://www.antonalvarez.com).



• The designer Anton Alvarez cut out a seat in the shape of a triangle from a log of American Cherry tree. "The dream would be to produce furniture that are placed where the trees have been felled," says Anton Alvarez.

Foto: Petr Krejci



• The meeting between rough bark and fine-sawn surface attracted much attention during the London Design Week.

Foto: Petr Krejci



"The sawn surface becomes so fine that it doesn't need any further processing," says Anton Alvarez.

Photo: Petr Krejci



# A French Mayor Builds Unique Log Homes

# USING TWO LOG HOUSE MOULDERS

**France is a country built from stone, brick and, in recent years, concrete. Raymond Herberteau intends to change all that. He may well be a mayor, but he's going to achieve this change using his own sawmill.**

Raymond Herberteau is mayor of the small village of Les Ventes de Bourse just outside the town of Alençon in Normandy. His wife comes from Belarus, and he has drawn inspiration on how to build climate-smart and energy-efficient housing from the same country.

"The log houses in Belarus are fantastic," he says enthusiastically.

That may be true, but how does such a style fit in with the French building tradition? The houses along the country lanes, including the mayor's, are all built from natural stone walls. On the other hand, the Belarusian style of construction does suit both the surrounding countryside and our shared environment much better.

## BETTER FOR THE CLIMATE

"One of the French government's aims is to increase the number of wooden houses," explains Raymond Herberteau.

There are two reasons for this. Firstly, trees bind carbon dioxide and by building out of wood you could say we're imprisoning the greenhouse gases in the walls. Secondly, wood is an excellent material for building low-energy housing. The inspiration from Belarus caused a few problems. Ready-to-use timber cannot be bought in France. The solution was to buy a sawmill and start making timber from trees felled in local forests.

"In this neck of the woods, there's a lot of Douglas spruce, which is ideal for timbering. And there's also a fair amount of oak," he says, pointing to a healthy pile of 30-ft-long logs.

The plan is to build 2-3 fairly large timbered houses for year-round occupation on the property, for rent and for sale. The houses will be made from 5-inch lumber and the inside of the walls covered with cellulose insulation. They will be passive houses that only need additional heating on the coldest days of the year.

The project started in early 2009 with an assessment of the market's small-scale sawmills. A lot of thick and long wood needed to be sawn. The best option was a band sawmill and he found the Logosol Norwood band sawmill on the internet. This sawmill met all his requirements and Logosol also offered a log molder, which Raymond Herberteau thought was very good value for money.

## DOUBLE MOLDER

In the spring of 2009 he traveled to Logosol's headquarter in Sweden so he could take a proper look at the sawmill and log molder. He liked what he saw and it was a done deal. There is now an impressive setup installed in a newly built machine room in Les Ventes de Bourse. Bolted securely to the concrete slab floor is the sawmill with a 36-ft-long rail, plus a double log molder.

"One side is set up for straight planing and the other for molding. It saves a lot of time,"

explains Raymond Herberteau.

He believes the log molder to be an unusually well-priced piece of machinery. He also bought two special handheld machines for making the corners. They cost more than the molders. The sawmill is not alone; the machine room also boasts a Logosol PH260 4-sided planer. Originally this was used to make dowels, round battens, for the timbering. Its next task will be strips and panels for the houses.

## THE HIGHEST PRECISION

When we visited him, Raymond Herberteau was in the middle of aligning his setup, helped by Gérard Doucet, who is assisting with the project and will be building a timbered house for himself as well. The timber looks like a cross between the Swedish version with tongue and groove and the American D logs.

"I made a sketch of the profile shape during a trip to Belarus and sent the drawing to Logosol, and they made up the right sort of knives," he tells us.

This is a profile with a push fit that requires high precision when molding. Which is why the 36-ft-long sawmill is equipped with a precision molder guide on each crossbar along the entire length of the rail. Once everything is set, log after log can be sawn and molded on a conveyor belt.

"I've always been interested in wood. For me this is both a real pleasure and a business project. The result will be genuinely attractive houses," says Raymond Herberteau.



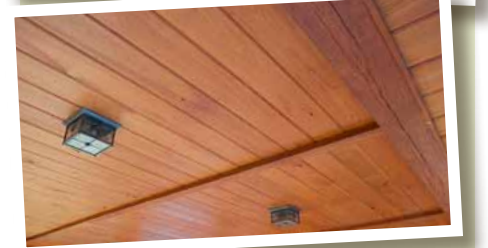
• Using two Log house Molders LM410, is a real time saver. One is for planing and the other one is for molding. "This saves much time", says Raymond.

• Gérard Doucet is checking the result of the milling. "The accuracy is perfect", says Gérard and Raymond Herberteau.





• Logosol's CEO Malte Frisk and Product Manager Mattias Byström are happy and proud to ship a PH360 to Chad and Roger Jones's family business in Batchelor, Louisiana.



• Much of the work is for new home construction, although outdoor additions, like pool houses and even outside kitchens have become increasingly popular.

Invested a PH360 in the family business:

# “IT’S LIKE ADDING ANOTHER PERSON”

**Chad Jones is too busy to talk. He's helping load up a customer's truck with some cedar he and his dad, Roger, just finished milling. "It's been really busy lately," Chad says after they're done loading and the customer is on his way. "It slowed down a little last winter," he adds "but that may just be due to the weather. It rained a lot."**

Jones & Jones Cypress is a family operation. It's just Chad, Roger and their equipment, including a Logosol PH360 they added a couple months ago and which has proven to be a major productivity improvement for their operation.

Located in Batchelor, Louisiana, they're in the heart of cypress country and that tells you one of the most important facts about their mill: they work with cypress. Virtually all of the logs they run come from within about a 100 mile radius of their mill.

The father-son partnership started back in 1997 when they were working in cabinetry. They started milling their own lumber to complement their cabinet business.

"Pretty soon the mill became full time," Chad explains. And, in a way it brought the family heritage full circle. Roger's father, Chad's grandfather, was a logger and operated his own small mills back in the day. Roger worked all his life in carpentry, moving to cabinets and then finally making the jump to milling with his son. Roger has spent his entire life in the area and still lives

in the home where he was born and grew up.

## MAKES BIG DIFFERENCE

As a two-man operation, anything that increases throughput is a welcomed addition and that's the way Chad sees their new Logosol PH360.

"Before we had a three-edged moulder. We had to plane the backside first and then do the front," Chad explains. This meant that most of their finished products required two passes through their old moulder/planer.

"With the Logosol, we can get it all done at once."

The Logosol PH360 isn't the only equipment the father-son team has ordered from Bailey's over the years. They've been customers for quite a long time and some of their major purchases were an Alaskan Chainsaw Mill along with a 12-1/4" beam planer.

When a small operation like this can cut its workload in half, it makes a big difference to the bottom line.

Jones & Jones Cypress deals with local builders and property owners. Much of the work is for new home construction, although outdoor additions, like pool houses and even outside kitchens have become increasingly popular.

They're equipped to mill virtually any dimension of cypress lumber, along with flooring, mantles, baseboard, trim, beams, posts, crown molding, tongue and groove, and V-cut tongue and groove.

"One day we might be sawing posts for a house order and then the next two to three days we might be milling 2,500 board feet of tongue and groove," Chad says. And, on the day we caught up to Chad, they just finis-

hed up an order of 1,700 square feet of V-cut tongue and groove. That specific product – V-cut tongue and groove – is one of their biggest sellers and with their new Logosol PH360 they can cut their production time in half.

## CONNECTED WITH LOGOSOL

In the Jones' local area, where the economy is mostly farming along with a little light industry, their V-cut tongue and groove is a frequent choice for both interior siding and ceilings. They've built up a lot of repeat customers in the last 13 years and demand for this product is running high.

"It's just me and my dad. Any kind of time saving element we can come up with makes things more cost and time efficient," Chad explains. "In just the time that it would take to plane the backside before, now we're finished."

While most of their material comes from nearby logging operations, occasionally some special logs will show up at Jones & Jones Cypress: sinker cypress. With two rivers nearby, one being the Mississippi, they're in the perfect location to have an occasional sinker cypress make its way to their mill.

"Time to time a fisherman or boater will find a log that's popped up and started to float down the river. They'll bring them to us and we'll mill them," Chad says.

When Chad and Roger mill these logs, it's the first time the wood has been exposed to oxygen for several hundred years. When air hits the newly sawn lumber, the wood changes color and gives it a totally unique look. This is truly unusual lumber that can add a beautiful look to projects.

On occasion they also get the rare pecky cypress, which can't be discovered until the log is cut. Pockets, or holes are created

throughout the wood in a circular pattern that follows the rings of the tree. When milled, the holes appear random and it's a great choice for customers who want a rustic look.

Chad remembers browsing through Bailey's catalogs and the company's website, and checking out the Logosol PH260 – but it always seemed a little light for their purposes. He was on The Forestry Forum one day, which Bailey's help sponsor, and found the PH360. He connected with Logosol on the forum and got the information he needed to decide that the Logosol PH360 would be perfect for Jones & Jones Cypress.

They placed their order with Bailey's and now have their equipment installed.

The pair enjoys being a small operation with no employees. When business slows down, they don't have to "find things for people to do," Chad laughs. And, adding a piece of equipment like this is "like adding another person," he says, but without any of the downsides.

## USEFUL FACTS: Logosol PH360

**Length, width:** 117" x 44"

**Height:** 56"

**Weight:** 1322 lbs

**4-SIDED MOULDING**

**Width:** 16"

**Height:** 3/8" to 5"

**2-SIDED MOULDING**

**Width:** 14"

**Height:** 3/8" to 9"

**FEED, PLANETARY**

**VARIATOR**

**Output:** 1 Hp

**Feed rate:**

11-52 ft /

min or optional

20-98 ft/min.





# Timberjigged bench at Port Moon

Elvin Simpson from Ballycastle Co. Antrim, was asked to become involved with a refurbishing project of a bothy at Port Moon. Elvins brief was to produce an interpretive art work that could be sited outside, have utility and refer to the heritage of the site, the coast and the culture.

The land at Port Moon is owned by Anthony MacNaughtons family and they had agreed a lease with Robin Ruddock of the Causeway Kayak Club for them to use the bothy as an overnight stop for kayakers on the North Coast Trail. The site has no vehicular access so Elvin and lots of helpers had a 1.5mile walk with toolboxes and chainsaws.

Elvin decided on a salmon shaped bench after discussion with Anthony about the heritage and culture twined into Port Moon bothy and says 'we had fun getting the timber pieces from the woodland to the site, eventually going by sea and with lots of help from local fishing boats inbetween setting their lobster creels! and even then it wasn't over I got a call the next morning to say that within an hour of leaving all the wood on site (two pieces that looked like the beginnings of the biggest banana split ever seen - two short logs for the supports and two planks) someone had upended one of the short support logs and set a disposable barbeque on it, charring the end of the log....after a nervous drive and walk I found it wasn't too bad - enough good wood left to be able to trim the end off!'

### TWO "BANANAS"

Work then started in earnest, joining the two 'bananas' together and with much careful measurement and alignment and drilling by eye using a square the Logosol Timberjigged chainsaw and straight guide saw the cutting of a straight surface that would mirror each other when joined. Next came the supporting legs, cutting a surface for the top part of the bench to rest

on. and again the Timberjig achieved this easily. You can see from the photographs Elvins ingenuity with the curved frame to help get everything in it's place.

### GREEN OAK

The bench is not only delightful artwork but a practical seat, it commemorates the salmon fishing industry of the north coast as well as representing the local legend of the salmon knowledge, hence the median line of the salmon contains a dedication to the fishing families of the 'Lochaber shore' and other information. It has been created using green (unseasoned) oak and it will therefore distort and cracks will appear. It will also change colour with the salmon gradually going a silvery grey. Because Elvin split a log down the middle, opened and joined it, the distortions and movements should cancel out in the main body of the bench, but he admits it is an educated guess and the log has more of a say in what happens than he has!

You can see more of Elvins work at [www.warwicksimpson.co.uk](http://www.warwicksimpson.co.uk), find out more about Port Moon and it history at [www.schwang.co.uk/portmoon/](http://www.schwang.co.uk/portmoon/) and the Causeway Kayak Club at [www.ccka.co.uk](http://www.ccka.co.uk)



• The Salmon's tail has decided to curl - that's okay



• Elvins unique angled support guide to make best use of the tree shape.



• Using the straight guide with Timberjigged chainsaw to cut resting surface on supporting log.



• Straight guide ready to cut joining surfaces onto one side of the bench.

## TORMEK<sup>®</sup> 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**  
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