



A brand new
bandsaw mill

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4-sided mouldings
360 mm wide

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They milled and built a house to a cost of £ 35 000

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She got a calmer
husband

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From tree to dry wood
in two weeks

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Community project
a huge success

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What we offer you, is the machines that we use in our own operation



I am writing this on the printers deadline. The problem is we don't just sell Logosol machinery, we use it as well. Abbey Timber, the wood processing side of the business, has never been busier. Recession is something I read about in the newspaper not something I am experiencing. We live in a remote valley far from any city and we don't advertise and yet people still beat a path to our door.

There has never been a better time to start or expand a small-scale wood processing enterprise. The pound is weak which means imported timber is rising in price. The housing market may be poor, but that means people spend their money improving their home rather than

moving to a bigger one. Concern for the environment is growing and what material has lower embodied energy than locally processed timber.

Add to all of that one of the most comprehensive ranges of wood processing equipment in the world and you have a winning combination.

The big news in this edition of Fresh Cut is the Logosol LM Pro bandsaw, and we are very excited to be able to offer a bandsaw on the UK market for the first time. Over a year ago I bought the older LM40 model for Abbey Timber for processing our larger logs. This was with some trepidation as we have plenty of negative

experience trying to plane boards badly sawn on small bandsaws with the cut snaking up to 5mm either side of the target dimension. I am pleased to say the LM40 has been a great success with the most striking feature being the accurate and clean cut even on very hard and knotty timber.

There are some limitations in the set up and log handling but I would favour accuracy over productivity any day. Of course the ideal is to have both accuracy and increased productivity, and that is what the new LM Pro offers!

*William Dobie,
Logosol UK*

Fresh Cut

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

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Logosol - Innovative wood processing products

Dependability

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



Joy

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



Fellowship

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



Profitability

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

www.logosol.co.uk

New Logosol LM Pro

Bigger, faster and easier to handle

The new band sawmill Logosol LM Pro is everything that the forerunner LM40 was. But it is more of everything. The result is up to a 40 percent increase in productivity.

Some years ago, Logosol customers asked for a bigger sawmill. After an evaluation of the world market, Logosol found that it is better to offer the best existing sawmill on the market, than start developing a new model. Logosol started a cooperation with the Canadian sawmill manufacturer Norwood Industries and adapted their model LM40 to European demands.

For example, Logosol developed the E-Twin, a solution that made this gas-powered band sawmill electric.

The LM Pro is an entire new construction. Logosol has been part of the development process from the beginning. The experience from Logosol customers from all over the world has also been incorporated. Logosol has designed the electric version of the sawmill, as well as the new electric feeder with automatic return of the sawhead.

700 MM BOARDS

The big news on the LM Pro is:

- Log capacity up to Ø 850 mm.
- 700 mm sawing width.
- Easier adjustment with auto sawhead locking.
- Cleaner cut and longer life of the blade



with automatic blade-lube flow and ceramic three-point blade support.

Logosol developed a feeder for the old LM40, but since it was made for an already existing machine, it had some limitations. You had to go beside the sawhead and raise it at the end of the log bed to make the automatic return work. The new feeder is developed together with the sawmill.

‘Now you stand at one end of the sawmill while you are operating the sawhead,’

says Jonas Höglund, development engineer at Logosol.

When the sawhead comes to the end of the log, two flaps automatically protect the saw blade. When the head returns, it pushes the board back and serves it to the sawyer.

EXTREMELY STABLE

Another Logosol invention, the log moulder LM410, fits the LM Pro out of the box.

Logosol employees have been in Canada in the important phases of the development process. The first prototype was test run by Bengt-Olov Byström, founder of Logosol. This is his impression:

“LM40 was one of the best band sawmills in the world. The LM Pro is setting a new standard for sawmills in its class. It is easier to work with, more efficient and is extremely stable.”

Offshoots Permaculture Project in Burnley

Phil and some of his co-workers came to Logosol UK at Abbey St. Bathans to see the equipment working on site.

They all had a chance to do some milling for themselves and were already fairly sure that the M7 was what the Offshoots Permaculture Project needed, but they really appreciated seeing the other equipment beside it.



Planters made of Norway Maple that was removed from the streets in Burnley.

Offshoots is a Community Project working with many different groups from the whole community so the Logosol equipment had to be robust enough to take that into consideration – volunteers, school and college groups, all ages, abilities and backgrounds.

It's a huge success, check out their website at www.offshoots.org.uk.

TIMBER RECYCLING

Working with their local Council the Offshoots Group has kick started the Timber Recycling Partnership – initially they used the M7 to help make 3 x 1m planters from Norway Maple that was removed from the streets in Burnley.

These planters were then sold to a local hairdresser who is now brightening up their street, Offshoot Group made a small profit and it negated the disposal cost to the Borough Council.

ALWAYS SHARP

Phil had the foresight to consider his chains so he purchased a MAXX Grinder which has been easy to use and become a real workhorse.

The team benefit from always having sharp chains to make the job that little bit easier and they get the best possible finish on the sawn timber.

Offshoots are also working with



Phil and his co-workers kick started the Timber Recycling Partnership with a Logosol M7 sawmill.

St. Peters (Burnley) New Horizon Group to produce bespoke timber products for construction and other uses. As well as receiving commissions they are building up stock size timbers – it's just growing

and growing now that they have their M7.

They also purchased a Log House Moulder so we are waiting to see the results – so watch this space for the Lancashire Log Loggia...

THEIR HOUSE CR

time for life and family



Malin Wallenlind and Magnus Hjorth won more time for themselves and their children Olof and Erik, thanks to low living costs.

A family who cut their own wood and built a house with truly minimal energy requirements

It is possible to create a better life for oneself in a way that also cuts costs and creates more time for family.

Magnus Hjorth and Malin Wallinlind were successful at doing just this in Orust, north of Gothenburg, Sweden. The way there involved their own sawmill, salvage items, and dedicated effort.

Their journey began in 2001 when the organization Utsikten bought a 25 acre property called Lilla Krossekärr. The purpose was to build an ecovillage. Due to municipal and government issues, the project got off to a rocky start. "That is all history, and today we enjoy good relations with our neighbours," says Magnus.

For Malin and Magnus the house is a part of their philosophy on life. Their basic premise is living to be environmentally friendly; but even more important is the concept of having control over one's own life. It was a matter of getting out of the rat race and creating more time for their children.

"We have friends who bought houses for £400 000. To manage interest and amortization costs, they both have to work full time," says Malin.

TOP OF THE HILL

She and Magnus selected a lot that was at the top of a slope. The last part is pure

slalom material. The advantage of this is a detached location with an incredible view over the valley and lake. The lot was a forest, and one of the first investments they made was therefore a sawmill, an electric Logosol M7.

Ecofriendly building now incorporates straw and clay. This was another method the couple selected, but not only for environmental reasons.

– It is the best method for those building their own homes, as it's relatively simple to learn and forgiving of mistakes, explains Magnus.

The frame of the house is made of thick wooden posts. In principle, double layers are built with straightedges and between these, compressed bales of straw are stapled in. The straw is covered with a mixture of clay and cow manure. At first Magnus and Malin were reluctant to get into using manure, and they initially tried working without it.

"We quickly realized the cow manure

was completely necessary. It makes everything adhere better and easier to work with," says Magnus.

SAWMILL VIDEO A FAVORITE

He notes that the process of getting used to it is something like becoming a parent and changing diapers. Now that the house is done, you can't smell any trace of the manure. On the outside, the clay is covered with a wooden panel that provides protection from the wind. The inside is white-washed.

The entire building took two years to make and their oldest son, Erik, was a ready and willing participant. When papa was sawing, he sat there digging in a pile of sawdust with ear protection on. He had his own carpenter's belt and his favorite film became Logosol's instructional video for the M7 sawmill. According to his parents, he must have watched it 50-60 times. The sawmill video still ranks higher than his other children's shows. He explains his interest in simple terms:

"I just want to learn."

Sibling number two, Olof, was not as interested in the film, but his favorite book is about a logger with a large forestry tractor known as a forwarder.

The family moved in a year and a half ago. Their second winter was the coldest in living memory, and the house lived up to the

challenge outstandingly. The thick straw walls provide ample insulation, and the heat normally generated by human inhabitants, electrical appliances and solar collectors is enough to keep the house warm.

The heart of the heating system is an accumulator tank charged by the solar panels. During the summer months this proves sufficient to heat both water and house. During the winter, a secondary fire is kept burning in a wooden stove connected to the tank.

"When it was below twenty degrees, it was enough just to use one shopping bag of wood per day," says Malin.

The operating costs are extremely low. Water and waste are handled through a common purification system. Electrical consumption is around 3 000 kW a year. And the construction itself was record low. When Magnus last totaled up his receipts, the final cost was around £35 000. This for 105 square meter of living space, plus secondary space and a workshop.

"Our bank did not believe in the project. Instead we had to find alternative means of financing, through a saving and borrowing program from a cooperative bank", says Magnus.

RE-USED MATERIAL

The interest-free loan means that the house will be paid off in a few years. In

EATES



The family's home is situated at the top of the hill. The residence totals 105 well-planned square metres and the red building is used for workshop- and storage space.



Erik's room was built and furnished with a high degree of imagination.

combination with the inexpensive operations, this means that the family has avoided significant costs and can now budget in an entirely different way. They can work less and make themselves and their children a priority, without having to cut back. "During construction I worked in home services and heard several people say they thought we had neither electricity nor running water. We have everything you'd find in an ordinary house", says Malin, pointing out the only new appliance in the house- a dishwasher. Most of the building material and installations are recycled or we built them ourselves, or we bought them used, salvaged them, and so on. The result is a personalized home as far away from a standard cookie-cutter house as you can get.

SAWING IS THERAPEUTIC

The goal is for both Magnus and Malin to be able to work part-time. Right now Mag-

nus is working 80% of the time as a psychologist and Malin is continuing her studies. Thanks to the low costs, their budget works out anyway. We have told stories of people who became healthy by sawing wood, and who brought themselves back from burn-out and exhaustion. What does a psychologist have to say about these claims? "Many problems result from trying to fulfill the expectations of the environment to the extent that one ends up repressing oneself. Therapy is based on helping people rediscover the person they once were. For a person interested in working with their hands and creating things, sawing and building constitute a way back to that," replies Magnus Hjorth. In other words, sawing is not a miracle medicine for everyone. But if it is the answer to a repressed interest, then it is true that you can saw your way to health.



This unique, next generation, 4-Head Planer/Moulder will take 4-sided planning and moulding to a new level. The Logosol PH360 is designed for increased capacities, ease of use, and affordability.

A breakthrough in technology: The PH360

Logosol PH360 is a brand new planer/moulder from the ground up, designed with all the experience and knowledge we have received through years of manufacturing planers and moulders. The PH360 4-Head Planer/Moulder provides the ability to mould up to 360 x 130 mm material on all four sides.

This moulder also features a stationary bed, with built-in feeding tables to provide maximum stability and support for material passing through the planer. The in-feed table works as a jointer table and is easily adjustable to allow quick setup. The top head moves up and down to provide for thickness adjustments. All moveable heads have digital readouts for quick and accurate positioning of these heads. The PH360 offers a more integrated approach to 4-sided planing and moulding. The motors can all be controlled independently of each other on the conveniently located control panel at the in-feed end of the machine. The optional Chip Extractor system designed exclusively for the PH360 can also be controlled from this panel. The vacuum hoses are all strategically positioned to exit the planer at the rear of the machine, mini-

mizing the possibility of these necessary hoses being in the way of the operator. **14 INCH, 4-SIDED MOULDING** The new moulder provides the ability to do four-sided planing and moulding in one pass and can be used in three-sided, two-sided, or single sided operations. The feeding system on the PH360 features a new style feed roller and drive system, with increased horsepower and feed roller diameters over previous moulders in Logosol's moulder line. This moulder goes beyond the widths and depths available on any moulder on the market today in its price range, and even of moulders in several price ranges over the price of the PH360. "360 mm wide 4-sided moulding is a breakthrough in technology in this price range," says William Dobie at Logosol UK.

TECNICAL DATA LOGOSOL PH360

4-sided moulding	Width: 410 mm
Width: 360 mm	Output: 4 kW
Height: 10 to 130 mm	Side cutters
2-sided moulding	Diameter of spindle axel: 30 mm
Width: 410 mm	Cutter height: Max. 130 mm
Height: 10 to 230 mm	Diameter: Max. 140 mm
Straight planing (assembly required)	Output: 3 kW
Width 510 mm	Feed, planetary variator
Height 230 mm	Output: 0.75 kW
Top horizontal cutter	Feed rate: 3-15 m/min or 6-30 m/min
Diameter: 88 mm	Electrical system
Width: 510 mm	Three-phase, total output: 16.25 kW
Output: 5.5 kW	All motors are equipped with overheating protection.
Bottom horizontal cutter	
Diameter: 72 mm	

Anna-Lena got a calmer husband



Thomas Karlsson is relaxing beside the sawmill and his wife Anna-Lena is pleased with the fact that her husband has become calmer.

Six years ago, the cows left the farm in Kareda, Sweden. This was the beginning of a shared hobby for the husband and wife Thomas and Anna-Lena Karlsson. 'In addition, I got a calmer husband,' says Anna-Lena.

The spouses had more than 40 dairy cows on the farm, but when Anna-Lena contracted rheumatism the cows were sold and Thomas got a job as a carpenter. That a former farmer should park himself in front of the TV on his spare time was nothing to consider. A Logosol Sawmill was purchased.

The next investment was a four-sided planer/moulder, Logosol PH260, which he bought together with a friend. The planer/moulder became a boost in a double sense. First, it is a versatile machine that can do more than produce mouldings and panelling; second, it awakened an interest in wood for Anna-Lena.

'Thomas can keep the sawmill to himself, but the planer/moulder is a good machine. If Thomas just mounts the mould-

ing knives I can manage the machine myself,' says Anna-Lena.

FURNITURE WITHOUT KNOTS

Making furniture is Anna-Lena's passion, garden furniture of old designs. The first project was some chairs and a sofa sized for children, after that she has made the model two steps bigger to match adults. She chooses the material with the greatest care. Preferably, it should be four-sided and without knots.

One or two knots are hard to avoid, but since Anna-Lena herself selects and planes the timber she can hide the knots that are inevitable.

The result is furniture of a quality that you cannot buy. Who but a person that owns forest, a sawmill and a planer/

moulder would come up with the idea of manufacturing garden furniture of high-class moulding timber?

'The forest is the best medicine for stress. The workshop has the same effect on me. Time flies and I can work with something I like in my own pace,' says Anna-Lena.

When the rheumatism starts to set in, days can pass without her being able to do any woodwork. Such times she has something to look forward to when the pain passes off.

CAD ON DAMP TIMBER

Thomas too makes furniture and has also started making windows with the newly purchased vertical milling machine, a Logosol MF30. He bought it to make the only thing that a PH260 cannot do – end milling.

'This machine can do a lot more than that. It will take time to learn how to use it to the full,' says Thomas.

At work he has left the carpentry field

and has qualified as a constructor and designer. The result of this is that the products he makes in the workshop at home are also designed in CAD on the computer. When Fresh Cut is visiting him, Thomas is taking a course in 3D CAD. His course project is a cabin made of fresh timber.

'It is a real challenge. It is important that you do not build in damp in the walls,' says Thomas.

HOBBY WITHOUT STRESS

But even though computers and machines are good, Thomas and Anna-Lena thinks that the best thing with the workshop is that they have found a common hobby. They figure things out and work together in the workshop, and they drink coffee sitting in a suite of furniture on the old feeding table. And then we have the thing about a calmer husband.

'When we run the farming business Thomas was always under stress. Now he even has time to sit down and talk,' says Anna-Lena.



'I let the old man run the sawmill, but if the planer/moulder is set up I can handle it myself,' says Anna-Lena Karlsson, who makes garden furniture of olden designs in three sizes. The timber is carefully selected and without knots.



A gate designed in CAD and the drawings are printed out to be used as templates.

More tempting than the sun

Paulo Deluca lives and works in London but has a delightful holiday retreat in Italy. He recently had a Woodworkers Mill and MS660 delivered directly to those sunnier climes. Having used it for a few days he has ironed out a couple of minor problems with a couple of washers and a stonger pulling cord! Now with a table already under his belt he has a long lists of things to create. Paulo now feels that it's unfortunate that he lives most of his time in UK and with those views to work alongside who can blame him!



Drying for carpentry with their own kiln

It was not just the house that attracted Jonas and Eva Nordlöf to buy the property on the island of Färingsö in Sweden's Mälaren Lake. It was the totally overgrown lot, with trees ready for cutting in which to build their dream house.

"I thought of having someone else do the cutting, but then I realized this would cost the same as buying an M7 sawmill, and that way I got a really good chainsaw as part of the deal," says Jonas.

Jonas Nordlöf is a furniture maker, trained at the Carl Malmsten workshop school. He currently works as an instructor in the furniture and interiors program at St. Martin's secondary school in Sundbyberg.

Woodworking is more than a profession. For Jonas and his wife, Eva, it is a passion.

"Eva is really good at working. She didn't even hesitate to run the jackhammer when we were breaking up the cement floor in the basement," says Jonas.

The house was built in the 1940s. It had really good bones, but the rest was not so much to get excited about.

SAVING THE SOUL OF THE HOUSE

Jonas and Eva essentially gutted the house, taking pains to preserve what was in good condition. Then, they built an additional floor. Instead of ripping the house down completely, they wanted to preserve the soul of the house.

"There are people who put a lot of sweat and blood into this house, and we couldn't just tear it down," says Jonas.

The project has been underway for two years and they estimate the finished to be sometime in 2010. But, of course, this is the type of undertaking that will never be completely finished. Future projects are already on the horizon, including building out the detached garage to twice its existing



Jonas Nordlöf has the perfect place for his wood kiln and saw mill: an asphalted tennis course. The rest of the lot was wooded with trees that he is now cutting, with plans to plane the wood for furniture making.

size in order to make room for a true furniture workshop.

WOOD FROM THE LOT

There was almost nothing but trees on the 6,000 square meter lot. Spruce, pine and birch. It was straight old growth. The perfect raw materials for furniture making. So far, 23 of the trees have been felled and cut in the M7 sawmill.

Another 30 trees will also be cut down and turned into wood for furniture.

Commercial lumber has been used for actual construction in the home. They are keeping wood from their own trees for baseboards, mouldings and other trim pieces.

These are going to be made on a Logosol SH230 planer/moulder. However, the

most critical aspect is drying the wood.

Air drying is fine for house framing lumber, but when it comes to fine woodworking, Jonas wants a greater degree of control. He was one of the first to order a Sauno wood kiln from Logosol last spring and is one of the first to have set up and used the wood kiln.

READY IN ONE DAY

"The drying assembly, plans and fasteners are all included. The actual cabinet is built out of cellular plastic that was available at the local hardware supplier," he says.

It may sound a little elaborate, but according to Jonas it only took one day. He cut the panels with a manual circular saw. During the summer he dried 1.5 cubic meters of wood, sawn into pieces one inch thick and 5 meters

long. Once he had the kiln filled and started, he and Eva went on a victory vacation.

"When we came back after two weeks, the wood was dry enough to be worked", says Jonas. "The moisture content was 11 %."

He has a few detail-related viewpoints on the construction, but overall it works just as anticipated, and delivers dry wood in a reasonable amount of time, regardless of weather or wind. The biggest problem he has is of an entirely different character:

"I just need more time to cut wood," he says.

Despite the fact that the trees on the lot are limited in number, he does not see future supply of cut pieces as any problem. He notes that the neighborhood is full of trees, and neighbors are always looking to get rid of one tree or another.

Nothing is too big for Andrew

Andrew Ifold, from Wells in Somerset, bought a Woodworkers Mill and Stihl MS660 in October 2008 and quickly upgraded it to an M7 in January 2009 then in early Spring he also bought equipment to create a Big Mill Basic and LSG.



Andrew Ifold has been able to adapt ramps and hoists in various ingenious ways to get the logs where he wants them when they are too big to handle by himself.

As well as planking interesting timber for himself he has been demonstrating to other interested potential customers.

He has been able to adapt ramps and hoists in various ingenious ways to get the logs where he wants them when they are too big to handle by himself.

While at Combe Sydenham, where big timber was being worked with he devised ramp and strops along with his trailer hoist to work for him. The weight of the logs held the mill down and with the strops going under the log when pulled the log rolled up the ramp. Andrew discovered this was how the old timber lorries worked.

On showing the M7 to a potential customer he was given some 'rotten' walnut to plank as well as Oak, Yew and Eucalyptus which would otherwise have been created into firewood!!!

Thank you to Andrew for his enthusiasm for the Logosol M7 and sharing that with others - an inspiration!



Using a 900 mm bar, Andrew Ifold was able to cut this walnut into planks with the Logosol M7. The tree was about a meter in diameter.

Versatile milling machine saves time in the joinery workshop

In a corner of the workshop stands an abandoned vertical milling machine. It is a sturdy industrial machine in good condition. It has been replaced by Logosol's versatile milling machine MF30.

'It is more flexible and saves time,' says the owner Roger Bjorklund.

Roger runs Radmanso Wood Refining on his farm close to Kapellskar in Sweden. Half his barn has been rebuilt to a workshop, the other half serves as a stable.

'Combining wood processing with horses is a perfect combination. You just convey the wood shavings to the stable and use it as bedding,' he says.

Roger has a past as a construction worker, a cabinetmaker and a teacher in woodworking. Today, he combines his knowledge in different fields in his own business, which offers planing/moulding, cabinet making and construction work.

ROUND CHURCH WINDOWS

When Fresh Cut is visiting Roger, he is busy remaking and replacing windows in the church of Radmanso.

'You can't buy these kind of windows in a store, you have to reproduce them,' says Roger and shows a round window from the church.

The production of church windows is one reason why he replaced the old vertical milling machine with a MF30. Another reason was the limitations of the four-sided planer Logosol PH260, which is the basis of the workshop.

'Several times I have had the right moulding knives, but the angle has not agreed with the machine, so you couldn't get an accurate result. Instead of buying



When Roger got assigned to renovate and make new windows for the church of Radmanso, the old vertical milling machine did not come up to expectations. The round windows and other things outside standard required too much special arrangements. With his new Logosol MF30 a half-day work now takes half an hour.

new knives, I now use the PH260 knives in the MF30. This makes it possible to get exactly the angle you need,' he explains.

The old vertical milling machine has a fixed cutter head. The cutter head of MF30 can be tilted both backwards and for-

wards. According to Roger, the newcomer is doing an excellent job and saves a lot of time. The time he saves is used for creating a new activity in the business - felling timber that is then pulled home by horse.

'I have also bought a Logosol Sawmill

so that I can process the logs the horse pulls home,' says Roger, who will soon be able to offer small felling activities using environmentally friendly methods.