

News from Logosol UK

Fresh Cut

1 • 2012

www.woodworkingproject.com

LOGOSOL

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SEEING IS BELIEVING

I have been involved with Scandinavian wood processing machinery for nearly 30 years both for use in my own forestry operation and also helping manufacturers market their machines in the British Isles.

BACK THEN INFORMATION was conveyed from manufacturer to customer by way of product leaflets given out at shows or posted out in response to an enquiry. The internet has changed all that and now the manufacturers website is the first port of call. But despite the vastly increased flow of information and all the photos and videos, most of us still find it difficult to decide which machine will best suit our unique circumstances without first seeing the machine in the flesh and chatting to a knowledgeable operator.

AT LOGOSOL WE REALLY like to meet our customers and help them make the best decision. Shows (see our extensive program opposite...) make an excellent point of first contact but are somewhat superficial. For those who want a real in depth look at our products, our own commercial timber yard in the Scottish Borders offers a very special resource. Here we have perhaps the biggest collection anywhere of Logosol machinery in a working environment. We are milling logs, both hardwood and softwood, with the Lumbermate Pro and the Big Mill system, sawing blocks into boards with the Laks 330 frame saw, trimming the boards to length with the



Stackcutter, reducing them to smaller dimensions with the circular resaw, and drying them in the Sauno kiln. Then we machine the dry boards into a remarkable variety of valuable products with both the PH260 and 360 planers, the PS315 table saw, the incredibly versatile MF30 spindle moulder, the D410 surface planer and all the while keeping our blades and chains sharp with the robot sharpeners.

YOU ARE WELCOME to visit us at almost any time given a bit of warning. We are easy enough to get to being near the A1, just over an hour from Edinburgh airport or we can meet you at Berwick station... and, oh, my wife has just looked over my shoulder to see what I'm writing and says you'll also get the best flapjack in the world!

WILLIAM DOBIE, Logosol UK.



Dates for UK shows

DEVON COUNTY FAIR

Westpoint, Exeter
17/18/19 May

CLA GAME FAIR

Belvoir Castle, Grantham, Leicester
20/21/22 July

FESTIVAL OF THE TREE

Westonbirt
25/26/27 August

APF

Ragley Estate, Warwickshire
13/14/15 September

BENTLEY WEALD WOODFAIR

Lewes, E.Sussex
21/22/23 September

SCOTLAND'S NATIONAL WOODWORKERS SHOW

Royal Highland Centre, Edinburgh
26/27 October

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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.

Trailer makes it easier to handle storm-felled trees

The trees that the swedish christmas storm "Dagmar" felled must be removed from the forest in summer, otherwise there is a danger of fines. But how can you easily transport individual trees over logs and rocks? Logosol has the solution, a smart log skidder trailer for four-wheelers.

The trailer is called Clivus and was designed by Stefan Lönnman, with assistance from Erik Bergqvist.

"I needed a log skidder trailer, but found the trailers on the market too awkward. A solution with cables creates unnecessary extra work," says Stefan.

He designed a trailer that he himself would want to tow behind a four-wheeler. It far exceeded expectations, and lead to him setting up his own company, Clivus Lunning. Eighty trailers were produced.

"The level of interest is much greater than I would have dared to hope. The last ones were sold after the Christmas storms," says Stefan.

LOGOSOL TAKES OVER

Development and production took place in Stefan's spare time, but with such great interest he had to choose between focusing fully on the company or keeping his job. He opted for the latter and contacted Logosol.

"My motivation is solving technical problems, not producing and selling," he explains.

Logosol determined that the log skidder trailer is a well thought-out and complete product that fulfils a great need after winter storms. A contract was entered into, with the effect that Logosol acquired all rights and takes over both production and sales.

"It will probably be named the Logosol Clivus," says product manager Mattias Byström.

Clivus is Latin for slope. That's the explanation of the ingenious function



• The Clivus log skidder trailer is a sturdy design that can pull logs as large as your four-wheeler can handle.

that allows you to avoid lifting the logs. If you drive steadily, it is also possible to reverse and choose a new route without uncoupling the load.

HOW IT WORKS:

The lifting device is a sloping beam, with a hook running along a track inside it. You back the trailer over the log and a chain is secured around it. The chain is attached to the hook without the log having to be lifted. When the four-wheeler is driven forward, the slope on the beam causes the front part of the log to automatically be lifted off the ground.

What size and weight of logs can you pull? The answer is whatever your four-wheeler is capable of pulling. The trailer with lifting device is solidly built and can handle big and heavy trees. Or multiple trees if your vehicle has enough power.

Until Logosol has produced information material, technical information and a film can be found at www.clivus-lunning.se.

The trailer can already be ordered from Logosol, and bearing in mind the high level of interest it may be wise to order quickly.



• Stefan Lönnman (left) designed the log skidder trailer to suit his own requirements. It is now being launched by Logosol, represented here by Bengt-Olov Byström and Mattias Byström.

More efficient sawing with hydraulics

Do you dream of a fully automatic sawmill?

Logosol's band sawmills LM Pro can make this a reality.

New versions of these sawmills were launched a year or two ago. Both are designed as a modular system, to allow expansion and adjustment as required.

The LM Pro is the most versatile in terms of expansion, as it can be equipped with log loader, rotation device, positioning device and log support, all powered by hydraulics. These accessories are already available for sawmills with a petrol motor. Adaptation for electrical operation and to European requirements is under way.

MORE ADVANCED FEEDING

The feeding system for the LM Pro has gained more functions. The saw head can now also be raised and lowered from the control panel.

The ML26 can also be expanded and automated, e.g. hydraulic toe board with roller. By using two toe boards the entire log can be lifted up and easily moved lengthwise. There is now also a trailer attachment for the ML26 for easy transport behind a vehicle.

SUITABLE FOR BOTH SAWMILLS

Here are some accessories available for both sawmills:

- Log loader with additional functions, e.g. log turner.
- Digital height scale. Highly accurate. Wind and weather resistant.
- Rapid toe board with integral turning hook.
- Outfeed rollers. To be fitted alongside the rail. The cant or log is pushed out on the rollers and can easily be moved lengthwise.
- Grip for cants. Extra low model so that the cant can be sawn right to the last board without moving it.

LOG MOULDER

One popular accessory that has been available for several years is the log moulder, petrol or electric power. It can also be used as a jointer/planer for full timber blocks. The log moulder fits Logosol's band sawmills and other makes.

The above is a brief summary of the possibilities for expanding LM Pro and ML26. More information can be found in Logosol's spring campaign and at www.logosol.co.uk

Digital Height Scale for Band Sawmills

An accurate and digital height scale for Logosol-Norwood band sawmills has for a long time been a desideratum on our customers' shopping lists. Now it is available.

The electronic gauge is really easy to fit and use. It is adapted for Logosol's sawmills by a manufacturer of industrial electronics and designed to stand many years of outdoor use.

The gauge is composed of three units: a magnetic strip, a sensor, and a display with three buttons. An integrated battery stands for the power supply.

According to the manufacturer, it will last ten years of indoor use. When being used outdoors, the service life of it can be shorter, but it is a matter of several years between changes of batteries.

The equipment keeps industrial quality and is sealed against water. It is designed for outdoor use, and does not have to be removed from the sawmill when it is not being used.

The measurements are displayed in whole millimetres. The actual gauging is done down to a tenth of a millimetre, which means that you can trust the numbers.

The gauging unit can be calibrated the same way you calibrate your kitchen scales, i.e. you can decide what will be zero by setting the gauge against a cant of which you know the height. It also has a "trip meter" which can be reset to show the measurements of the individual plank or board. Then you can return to the original scale.

The digital height scale is developed for Logosol-Norwood band sawmills, and Logosol only vouches for its functioning and accuracy when used together with these sawmills.



• Logosol LM Pro fully equipped with hydraulics.



Ulf produces playrooms for IKEA throughout the world

When you leave your children in the playroom at Ikea, take a closer look at the fixtures and fittings. Some of them have been produced by Kvickstörps Snickeri in Åtvidaberg, Sweden, using a Logosol PH260 four-sided planer/moulder, among other equipment.

"We have fitted out 150-200 playrooms throughout the world," says owner Ulf Feldt.

The fittings are produced on behalf of another company in Åtvidaberg, Rodeco, which supplies play facilities, adventure pools and similar. One of their customers is IKEA.

Ulf's contribution is wooden products with a distinctive Småland character, primarily panels and small red cottages with white corners that hang on the walls and serve as storage.

One of these cupboards contains a long rope. In the event of the premises needing to be evacuated, the staff pull out the rope and the children hold onto it so that they all go out as a group.

"I also used to be involved in installing the playrooms in the stores," explains Ulf, who now leaves the gadding round the world to younger colleagues.

SPECIAL FURNITURE

He has also made some very special items of furniture for the furniture giant, including an over-sized leather sofa for a store in Spain.

Ulf is a man of few words, but is happy to talk about his company's activities. His business card and the sign out front read "Allt i branschen" (Everything in the industry). And customers are constantly turning up with challenging assignments.

"We can produce virtually anything here," says Ulf, indicating the proof.

In addition to small red cottages, there are items of furniture, gates, flowerboxes, specially-made window frames and mouldings, bottle-holders and a walnut case for medals. And that's only a sample.

"The fascination of the job is that it is constantly offering new challenges," he says.

Ulf Feldt has been a furniture maker for more than 30 years. He began as an apprentice at Åtvidaberg's big industrial corporation of the time, Facit, and advanced to become produc-

tion manager for the group's furniture manufacturing division, the most efficient production facility for office furniture in the world at that time.

When the Facit era ended, he started his own carpentry business at home in his backyard. Over the years he has switched between running his own business full time and being an employee with carpentry as a hobby. For the past six years he has been wholly focusing on the carpentry. Several years ago he moved his operation to Åtvidaberg, to be closer to his biggest customer. Perfect premises were available at his old workplace, Facit's furniture factory, in the middle of town.

"This was the loading area then," explains Ulf, showing us his work area.

UPDATING TO PH360

The planer has seen heavy use at times. Nevertheless it's in good condition, thanks to a combination of high quality and the fact that only the very best quality timber is used. The supplier is one of Sweden's foremost cant sawmills, Angarius Svensson in Södra Vi.

"Such close-grained pine as this is not easy to source these days," says Ulf, showing off his stock of untrimmed carpentry timber.

For a while he produced the raw material himself using a portable sawmill.

"The sawing took too much time, time that I could put to better use on carpentry work, but the results were good."

The results from the PH260 planer are first rate, but nevertheless it needs exchanging for a larger machine. It has been sold and, following an overhaul by Logosol, will go to a new owner. Its replacement is Logosol's largest panel planer/moulder, the PH360.

"It can do everything that I will need," says Ulf, who has already made the most of his current planer.



• Ulf Feldt beside the planer that forms the core of his operation. To the left are various cupboards for IKEA's playrooms around the world and below, a flower tub.



• Therese Sämberg is patting Willson, who is helping her with skidding timber out from the woods. She and her husband Christian are busy building a house. Christian's father Sture helps out with digging among other things, encouraged by the youngest grandchild, Lukas.

Gurseröd is to be more than a horse farm

All over Sweden traditional agriculture is being replaced by horse farms. But a horse farm can be so much more than a place where you live with the horses. Christian and Therese Sämberg have horses, but their plans are bigger than that.

The name of their farm is Gurseröd, situated in south-western Sweden. It has been in Christian's family for a long time, and his grandmother was the last one who lived on the farm. But in 2005 the young couple moved here to create the kind of life that more and more young people dream about.

"Our goal is to live off the farm," says Therese.

The older ones of our readers have heard this before in the 1970s, back then called the green wave. But for the Sämberg couple and their son Lukas this is much more than a flower power dream. Together they have thought through how to make the farm support the family on a long-term basis.

MORE HASTE, LESS SPEED

Today, they both have jobs outside the farm. Christian is a CNC operator at a company in Norway. Therese is plant engineer at the municipality of Tanumshede.

In their spare time they run the business CST Jord & Skog (CST Agriculture and Forestry),



• The timber for building the house is already sawn and dried.

which they will develop into a full-time employment. The foundation of the business is agriculture and forestry. The latter consists of 212 acres of productive woodland.

The idea is to refine the trees into high-value products. Since the farm is situated in an area with a large number of summer homes, there is a market for special joinery.

"We will take it slowly and first learn by building a new dwelling house – more haste less speed," says Christian.

STARTING A JOINERY WORKSHOP

The first knowledge of woodworking was acquired on a Logosol sawmill, which now has been replaced with a Logosol-Norwood band sawmill.

Christian's father Sture Sämberg took a course in building log houses at Logosol to be able to help out with building the timber frame.

But it ended with the family realizing that building log houses was too much time-consuming for them. Instead they have bought a finished timber frame.

In addition, it is more profitable both for them personally, and for the future business, to focus on sawing timber, and making windows and other joinery components.

Consequently, Therese's next step was to take a course in window making at Logosol. She brought drawings of the windows for the house to be built, and got help in making the first window. After that, they purchased all the equipment needed, not only for producing windows, but also for making everything that is of wood in the house except for the frame.

LEARNING BY BUILDING

The machinery is impressive. It consists of Logosol's two-sided planer, a dimensioning

saw, a jointer/planer, the vertical milling machine MF30 and a Sauno wood kiln.

A grand collection of machines just for building a house!

"Buying all the windows for the house would also cost a great deal. Besides, they are machines that we will use in our business. We are learning by building our own home," Christian explains.

The new house will be under roof this winter. After that the machines will move in. The completion will take the time it takes, and they already have good housing in grandmother's house. After the new house is built this will be the joinery workshop.

WORKING TOGETHER

All the timber for the new house is taken out of their own forest. Much of it is already sawn and dried. This is a joint project all the way from the forest. Christian takes care of the logging, using a tractor-driven processor; Therese is responsible for the log-skidding, which is done by the two Ardennes stallions Willson and Kavill.

Christian is responsible for sawing and planing the timber, while Therese is in charge of the joinery workshop.

On the farm, there are three other horses, so it is a horse farm too. But not only that. On the Gurseröd farm they have the will and the resources for making a living and a better life out of the soil and woods of the farm, a better life than what is offered by the career stress of the cities.



City parks of the future — sawn by Logosol Big Mill

What would Swedish people choose – relaxation in an English park or in varied forest, carefully adapted for recreation?

At the Swedish University of Agricultural Sciences in Alnarp, Skåne they are betting on forest.

The answer to this question naturally depends on who you ask, but we will probably see more forest-type parks in the future, not least because forest requires less upkeep than well-groomed parks. In addition, the importance of forest to Scandinavian people is widely known.

Alnarp has a landscape laboratory where different variants of forest and park are tested full scale. The researchers investigate how different plants co-exist and are affected by hu-

mans. Local authorities and others come here for inspiration and to view alternative options as real-life environments.

BOARDWALK REPLACES PATH

Erik Svensson is involved in upkeep at the landscape laboratory. He also conducts his own projects to test different solutions. The latest project was inspired by boardwalks that he spotted while out on a mountain walk.

"The landscape laboratory is sited on former arable land. The clay soil is not suitable for ordinary paths," he explains.

Twenty years ago beech trees were planted, which with time will create the sense of a pillared hall. Larch, alder and birch were used as shelter trees. It was recently time for thinning, and so the shelter trees were felled. The alder and birch went for firewood, but no one wants to burn dense larch.

Instead Erik marked the larches into two-metre lengths and sawed them using a Logosol Big Mill.

"It was the only solution because the trees stand so close and the tracks are too crooked and narrow for large machinery. The best way was to saw the timber where it would be used," says Erik.

PRESERVING THE SENSE OF FOREST

The first part of the project is complete and can be seen in the pictures accompanying this article. Erik has made use of the trees' natural shape and retained the wane. It produces organic shapes and a feeling that the structures belong to the forest.

"Boardwalks make it easier to renew footpaths compared with constructing tracks," says Erik.

He has also built a platform with a seat, at

the start of the forest walk. Colleagues have christened it Erik's Catwalk. Further construction is planned during the spring.

ALREADY OWN SAWMILLS

Just over half of Sweden's local authorities have one or more portable sawmills or Big Mills from Logosol. Therefore it would not involve any major costs to do something similar in forests around the country that are close to urban areas and not suitable for commercial forestry.

Create a relaxing forest environment for stressed city-dwellers instead. Inspiration can be found at the Swedish University of Agricultural Sciences in Alnarp.

For more information, visit the university's website, www.slu.se. Search for the landscape laboratory.

Saw chain cutting results **surprisingly good**

One frequent question for Logosol is whether you can really get good surfaces and exact measurements using a saw chain.

"I am surprised how good it is and how quick it goes," says Thomas Jönsson, product developer at Randek in Falkenberg, Sweden.

Randek is a world-leading supplier of machines for small house production. They develop and manufacture the equivalent to car factories' fully-automatic production lines. Their particular area of expertise is roof truss manufacturing.

The DC600 is one of the latest machines for manufacturing roof trusses and joists. It makes notches in beams, among other things. One example is slopes in intermediate floors for bathrooms on the second floor. This type of machining is normally done using saw blades and cutters.

"During development we tested other methods, in order to try and reduce the processing time while maintaining the level of quality," says Thomas Jönsson.

One of the items tested was a saw unit from



• This is the machine where Randek employs sawing as per the Logosol method.

Logosol, in principle the circular saw assistant, which for many years has been almost a standard for circular sawmills. In this case it was to be computer controlled and almost carve notches out of the beams.

2-3 TIMES FASTER

They were initially sceptical at Randek. The same question arose as among those considering buying a portable sawmill. Can you really get a good result with a chain?

"It works surprisingly well. The results are excellent and the machining is 2-3 times faster than using conventional methods," explains Thomas.

At present, bar sawing is available as an option on Randek's DC600 machine. It's just a matter of time before Logosol's sawing method is used in the world's most modern and highly-automated house-making factories.

Thomas Jönsson hadn't previously come into contact with Logosol's sawmills, but

during the course of the project he changed workplace within the company. At the new office was a Logosol portable sawmill owner.

"I accompanied him to his yard and had a go at sawing. The results were fantastically good," he states.

LOGOSOL IN INDUSTRY

This is far from the only example of how components from Logosol are used industrially. The most common example is using Logosol's circular saw assistant, which has been developed for sawing oversized logs in circular sawmills. The powerful motor with transmission and the mounting make it perfect to use for sawing operations requiring precision and where space is in short supply. Randek has started with the circular saw assistant. Masonite Lättelement in Örnsköldsvik, Sweden, also did this and have installed a saw unit in their production line. Another example is a specialist sawmill in Germany that saws 20-metre beams. Logosol's saw unit is used to cut the side boards into manageable lengths directly on the production line.

Logosol has both the know-how and the components to streamline industrial processes.

New Solo planer is perfect for a large band sawmill

Many people dream of making a living using machinery from Logosol. Peter Andersson in Vreta Kloster, Östergötland, Sweden, has done just that.

"The important thing is not the machinery but the business concept and sales," he says.

With a history as a travelling salesman, Peter had an advantage when starting out. Or, more accurately, sneaking into the business.

It began in 1983 when the family from Linköping purchased the farm with accompanying forest. Peter continued with his sales job, while building up the farm with meat production. He replaced his wandering life as a salesman with his own firm, Stängsel & Skogsteknik.

"We sell and erect fences, enclosures and gates," he explains.

BETTER MARGINS

Although there was a portable sawmill at the farm, he chose to buy in the fencing and gates. The sawmill was used simply to produce timber for his own needs. Over time it became increasingly clear that the margins would be better from manufacturing than onward selling.

As a seasoned salesman, Peter knows that it's a matter of finding your own niche. He decided on gates and fences made of oak. It's exclusive and, above all, more durable than the impregnated inferior pine, often used in factory-produced gates and fencing. In addition, oak logs can be kept around much longer than softwood before being sawn.

For thick oak, strong equipment is required, so the portable sawmill was replaced with a Logosol Norwood LM40 bandsaw.

"The sawmill worked well, but you can see how thick the logs I have are," says Peter.

BIG MILL FOR OVERSIZED LOGS

A mountain of thick oak logs sits in the courtyard, together with another of even thicker elm. The majority of it has no chance of passing through an LM40. Instead he has invested in a larger band sawmill. The new one cost almost ten times more than an LM40, but not even "the big saw" can manage the very largest logs in the stockpile. There is only one sawmill suitable for the task: the Logosol Big Mill with the biggest chainsaw from Stihl, which can also be found on site.

Self-production is beginning to gather speed and at the same time Peter has invested in a complete planing mill and a carpentry workshop. The latter consists of nothing but professional machines, with a Logosol MF30 vertical milling machine as a problem-solver for any unusual machining.

There's nothing but Logosol in the planing mill. The main machine is a PH260 four-sided planer/moulder, along with two Solo planer/



"Setting a Solo planer is quicker and the results are just as good as a four-sided planer/moulder," says Peter Andersson, who finishes oak from his large band sawmill on an SH410 and a PH260.



• Kitchen doors of elm. The machinery includes a Logosol MF30.

moulders, SH230 and SH410.

"The SH230 is a good machine, fast and simple to set, but unfortunately it's not sufficient for the dimensions I plane," says Peter.

Instead he has invested in the new SH410 Solo planer. It can handle larger dimensions than the four-sided planer/moulder and is a welcome addition for large gateposts and similar. Peter also regularly receives inquiries about planing smaller batches.

"It's much quicker to reset a Solo planer and the results are just as good as with the four-sided planer/moulder. If it's only a few metres, it doesn't matter if you have to run through the timber twice," he explains.

USEFUL ADVICE ABOUT OAK

During the summer months he has plenty to do erecting fences. Sawing and planing are a winter job. Everything is now in place for Stängsel & Skogsteknik to become by and large self-sufficient in terms of components for fences, enclosures and gates. But first there's the mountain of oak logs to be sawn and left to dry properly. There's space under cover, as the meat production is now confined to two cows and one bull.

"Freshly-sawn oak rots quickly if it comes into contact with the ground. The timber must be properly dry," says Peter, who, as per ancient tradition, chars the bottom section of the posts.

"If you do it right, a fence of oak will last much longer than pressure-treated wood."

For more about Peter Andersson's gates and fences, visit the website www.ekgrindar.se.



• Peter Andersson previously bought in gates and fencing, but the margins are better with self-production.



• If you have your own timber, you can build a neat workshop. Peter Andersson works on special carpentry projects here.

PH360 gains fifth cutter head – for installation on older planers too

There is an extra button on the control panel of Logosol's largest four-sided planer/moulder, the PH360. Most people use it to control the chip extractor. The button's real function is now revealed, it's to control a fifth cutter head.

Logosol strives to design modular machines, to allow future development. The most developed, for example, are the chain-driven sawmills. It's fully possible to begin with a timber jig and develop it into a fully-equipped portable sawmill.

The PH360 is designed according to the same philosophy. It was equipped from the start for a fifth cutter head. The only thing that gives it away is an extra button.

The development work has taken a little time, since it involves a brand new model of cutter head, with a function not found on any other planer.

A TRUE MULTI-CUTTER

"The cutter is in principle an MF30 vertical milling machine," reveals product manager Mattias Byström.

The milling unit is an independent unit that attaches to the planer, and the electrical sys-

tems are coupled together. Both machines function as a single unit, with the same feeding speed. All cutter heads are controlled from the control panel.

The MF30 model is a multi-machine in the widest sense of the word. The motor unit can be swivelled 270 degrees and the spindle can handle both a side cutter of the same type as already fitted on the PH360 and shank end mills. The machine can process timber from below, from the side and from above. With a fifth cutter head in a four-sided planer/moulder it becomes possible to produce very complicated details in a single operation.

"The PH360 with a fifth cutter head is a very efficient machine for producing windows, for example," points out Mattias Byström.

The fifth cutter head is undergoing testing. No launch date has been set, but interested parties can get in touch with Logosol.

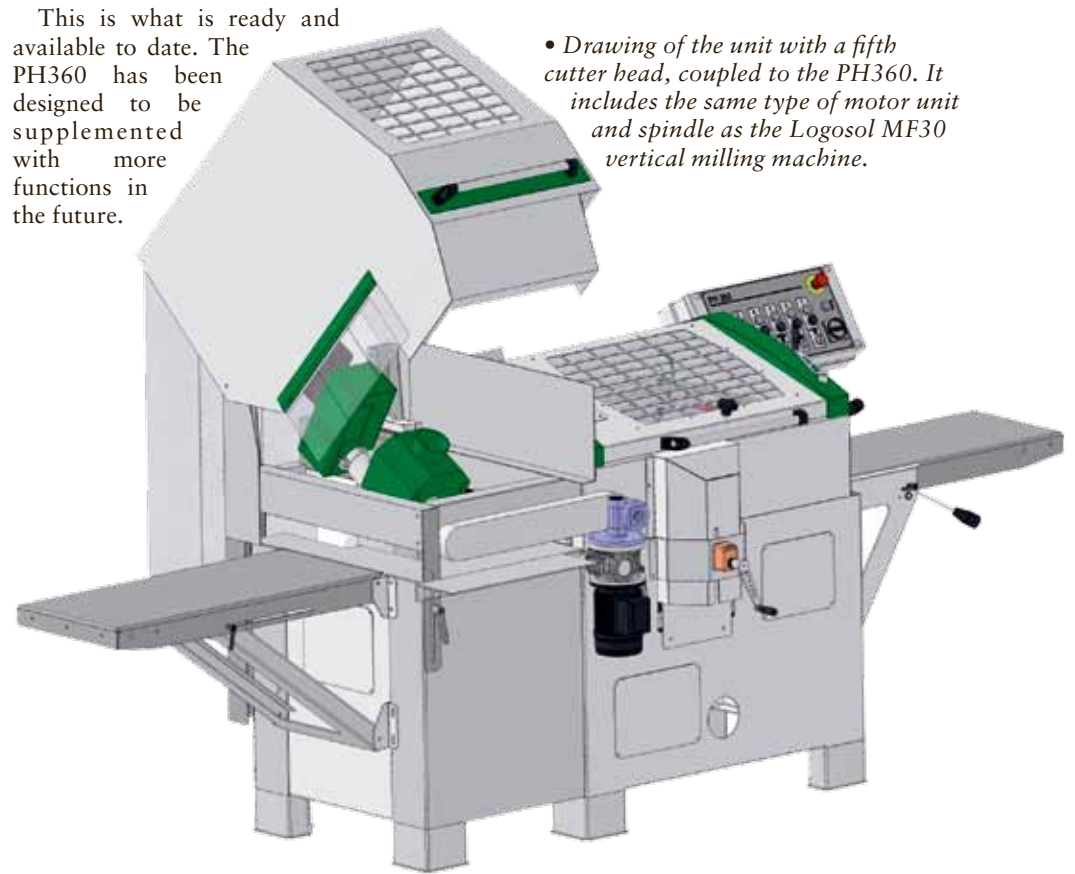
EQUIPPED FOR MORE

The PH360 is equipped for additional functions. Two are now available.

The planer/moulders now supplied have a hole in the feeding table, for attaching a press roller to help guide the timber before it enters the planer. The press roller is available for delivery.

A longer jointer fence is available to order. This improves the function of the planer.

This is what is ready and available to date. The PH360 has been designed to be supplemented with more functions in the future.



• Drawing of the unit with a fifth cutter head, coupled to the PH360. It includes the same type of motor unit and spindle as the Logosol MF30 vertical milling machine.

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



Comprehensive and illustrated Handbook



MADE IN SWEDEN