



LOGOSOL

www.logosol.com



New! The improved
PH260, Page 5

FRESH CUT!

News for Woodworkers No. 3 - March 2006

Cleaning up *after Katrina*

Between his shifts on the oil rig, Larry Rogers is building up a new business. He offers complete service from sawing logs to providing finished moldings to his customers. Today he is salvaging some of the fallen trees after the hurricane Katrina. "There's a lot of salvaged pine and oak, which is what I'm dealing with right now. A lot of people give me their pine just to get rid of it. They hate to see it go to waste."

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HELLO THERE!

Meet Bob Yari, the owner of one of the worlds biggest independent film companies and shareholder of Logosol Inc.



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Knives for Hardwood!

Logosol's new cutter heads and knives meet the demands of pros when it comes to planing harder sorts of wood.

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"Logosol M7 has really saved us time!"

Art Unger started a new bussines. "It would never have been possible without the Logosol Log House Moulder and the M7 Sawmill."

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Sailing beauty - made in wood



Photo: Anna Julfors

On the 12th of September 1745, the Swedish ship East Indiaman Gothenburg headed for her home port after almost two years of sailing the world's oceans. But the ship suffered heavily from storms and sank with her entire cargo. Thanks to all nearby boats, all the crew survived. The ship was forgotten, until 240 years later when a diver rediscovered her and began a marine-archaeological excavation. The attention surrounding the

find and the excavation whetted people's appetites, and led to the slightly crazy idea of rebuilding the entire vessel - in full scale using traditional techniques - and sailing to China once again.

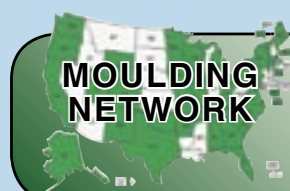
Last year, the worlds biggest ship sawn on a Logosol Sawmill departed from Gothenburg Harbor for its two year long journey to China.

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A chapter from our Best-Seller!

Learn how to load your logs on the trailer!

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Meet a new member!

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Logosol Springcampaign!

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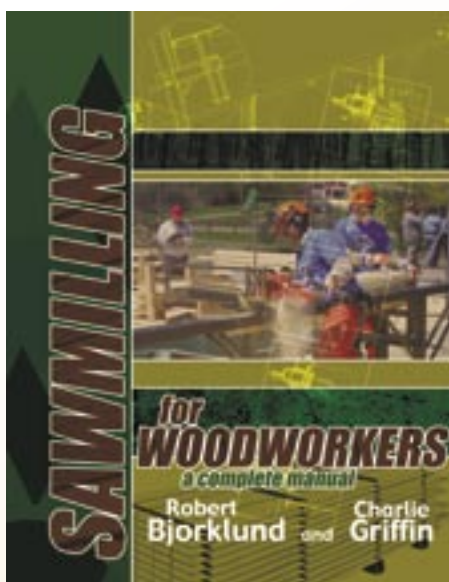
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Hello friends of Logosol Inc!

Well, here we all are moving right into 2006. It seems to me that there are a lot of great things, both exciting and challenging. The only thing we need to do is grab the bull by the horns and hang on!

2005 was a great year for Logosol Inc. We have all of you to thank for that, so just keep it up! Buying all that great Logosol equipment that is. As for me, I have not made much movement on the custom wood flooring. I wanted to be producing by this issue of Fresh Cut on the PH-260, but on the other hand I did get a good dose of custom sawmilling, followed with some custom building.

I've been like a kid, building a fort with no drawings or plans, no one looking over my shoulder, just building for function. After all, how something looks is always someone's opinion. Well, in a nutshell, I transformed the old Yurt, (a giant tent originally used by the nomadic tribes of Mongolia) into a high class vacation rental. I customized it with Logosol

wood. It really helped to set the tone and the vacationers love it! It also gave me a great place to put some of my wild sawmill furniture.

OK, Logosol friends, we need your help! We really would love to hear your comments on Fresh Cut USA. Do you like the stories? Would you like to see more stories from around the world, not only USA? I know that I love the window into the international world of Logosol, such as different cultures using the same machines. I love it. So, what about you? Call me at 877-564-6765

Rob Bjorklund
President Logosol Inc

*Rob's rounded box frame,
construction steps using
redwood slab steps &
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We only want satisfied customers. Therefore, we offer a 30-day 100% iron-clad money back guarantee. Send back the sawmill and you get every penny back - even shipping!

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Logosol Husqvarna 3 Year Warranty

On the Husqvarna 385XP chainsaw we now have a unique 3 year commercial warranty. This warranty is even for professional use with our sawmills - you pay some extra and get a unique warranty for 3 years!



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We want to keep you cutting Lumber! Logosol will replace any part of the sawmill found to be defective within two year of purchase. Logosol stands behind this equipment 100%!

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in action at www.logosol.com!**

The Logosol PH260 four side planer/moulder

How to build a Bjorklund slab desk

- Cut top slab at least 2" thick
- Cut slab desk into desired shape. I used an electric chain saw, making shallow cuts with the tip .
- Cut a 1.25" wide and 1" deep groove into the slab following the natural shape I used a skill saw and a router. Note: the curves give the strength to the leg structure.
- Place cut boards into groove. Screw and glue boards together



- Use a router to shape edges of boards around curves

Good Luck!

Logosol is looking for good, interesting and educational stories for upcoming copies of Fresh Cut!

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in Custom Furniture!

That's right - share your ideas and help us make Fresh Cut even better.
Please include Photos!

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**\$200 for any story
we publish!**



**Free Logosol hat
for every story sent in!**



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The East Indiaman Gothenburg goes with all sails set towards Canton in China. Photo: Anna Julfors



It is a hard job sailing the old way. Photo: Peter Svensson

The biggest project sawn on a Logosol Sawmill is in full sail

When Fresh Cut reaches the readers, the world's biggest ship sawn on a Logosol Sawmill will have left the Spanish seaport Vigo, and be heading towards Cádiz with China as the final destination.

The East Indiaman Gothenburg is one of the most spectacular building projects in Sweden for ages, and one of the biggest objects ever built with the help of Logosol Sawmills. The 58.5 m (192 ft) long and 1 150 ton (23 000 cwt) heavy ship is supported by ribs sawn on modified Logosol Sawmills.

The ship is a reconstruction of the East India ship which ran aground outside Gothenburg the twelfth of September in 1745. She had then sailed all the way from China.

The building of the modern successor

was started in 1995, and she set sail from Gothenburg the second of October 2005. When Fresh Cut contacted the ship, she was in Vigo, in northern Spain, with the honorary task of being the starter ship in the Volvo Ocean Race.

"We have now sailed this far", says Annica Magnusson, press agent on board the ship. She continues: "She's a good sailer, but it is a very arduous work."

In July 2006 Gothenburg is expected to reach the Chinese seaport Canton, the port which was the destination for the East India ships 250 years ago.

FACTS ABOUT THE SHIP

Length: 40,9 metres (134 feet)
Total length including bowsprit: 58,5 metres (192 feet)
Beam: 11 metres (36 feet)
Sail area: 1,900 square metres
Draught: 5.25 metres (17 feet) at the stern, 4,75 metres (15 feet) at the bow
Ballast: 400 tonnes
Displacement (weight of ship and load): 1,150 tonnes

Engines: 2 Volvo Penta 2x22 kW, with a combined output of 1,100 horsepower
Average speed: 5-6 knots, with a max. engine speed of 8 knots
Crew: 80, 50 of whom are trainees
Bunkering: Food for 80 people for 60 days and spare for another 30 days
Navigation equipment: GPS, radar and Satcom B
 (www.soic.se - follow the expedition online!)

Make a setting gauge to facilitate sawing

The best aid for the Logosol Sawmill is one you can make yourself. This item is a setting gauge which helps you to take your first cut at the correct height, and to get perfect blocks from every log.

The setting gauge is the most photographed gadget at Logosol's timbering courses in Härnösand, Sweden. The participants immediately realize that the gauge is an indispensable item, and they make one for themselves as soon as they have returned home.

The setting gauge is a wooden board that is 75 mm (2.95") wide and 350 mm (13.79") long. The thickness is not that important, but the gauges Logosol has made are 10 mm (0.394") thick.

Drill a hole in the upper right corner (see picture to the left). The critical measurement is the

one between the left side edge and the centre of the hole. It should be 58 mm (2.28"). With the hole as starting point, grade the gauge in inches (or millimetres if that is your preference).

Measure up what block size you can saw from the top end of the project log. Let's say you can saw a 6" block from it. Place the 3" mark on the gauge exactly at the pith (medulla). Through the hole you nail the setting gauge to the log, then fold it over the guide rail.

Repeat the procedure on the root end of the log, but this gauge



Pelle Boström, Sweden, demonstrates how the setting gauge works. When it lies like this on the guide rail, the sawn surface will be exactly where the nail is fastened.

should be a mirror image of the first one.

Turn the crank on the sawmill until the log is in a position that makes the setting gauges lie parallel to the guide rail. The log is now in a perfect position for the

first cut, when making a 6" block. The saw kerf will be where the nail is fastened.

Look at the pictures and make your own setting gauges. You will find them completely indispensable!

New cutter heads and knives for hardwood

Logosol has one of the widest range of moulding knives for planers/moulders on the market. Now it will be even broader, with new cutter heads and knives for planing dense and resinous hardwood. The inspiration comes from the USA, where the Logosol planers are used professionally for moulding hardwood of all sorts.

“The planers/moulders are optimized for Scandinavian conditions,” Logosol’s Managing Director in Sweden, Bengt-Olov Bystrom, explains.

Here, mostly spruce and pine are planed, both good sorts of wood which in disparaging terms are called softwood by the Americans. The generic term for wood from broadleaved trees is hardwood. Scandinavian customers know that Logosol’s planers/moulders excellently plane oak and elm, as well as birch and maple.

Different for hard and soft stuff

The difference is that many American customers exclusively plane hardwood when planing professionally. For this purpose there are better alternatives than the HSS knives Logosol offers. HSS means high-speed steel. There are different alloys of HSS. Logosol’s moulding knives are of 6 % cobalt. For harder sorts of wood it is better with three times as much cobalt.

So, why not change the metal mixture in all moulding knives?

“The more cobalt, the harder and more



With new cutters heads and knives the Logosol planers get’s even better!

brittle the knives become. For pine and spruce the old knives work better as they are more tough,” Bengt-Olov explains.

Brittle metal also calls for knives that are thicker in order to stand the same amount of strain. Today our knives are 4 mm (approx. 0.16 inches) thick. The new ones will be 5.5 mm (approx. 0.22 inches) which, in turn, require new cutter heads.

The new knives could certainly be fit into the original side cutters by using thinner knife clamping gibs, but this would jeopardize safety, since there is a risk that someone by mistake mounts the original knives with the thinner knife clamping gibs. In this case the knives are likely to come loose.

“We can never compromise on safety,” Bengt-Olov states.

New cutters

To solve this problem, Logosol’s partner, Toolbox, has developed larger side cutters with knife clamping gibs that fit both types of knives. In addition, the new cutter heads are higher in order to support the entire moulding knife.

“The new cutter heads and knives meet the demands of pros when it comes to planing harder sorts of wood,” Bengt-Olov says.

When planing spruce and pine, Logosol recommends the old cutter heads and knives. They work better on softwood. The new knives are recommended when planing a lot of oak and similar sorts of wood. The advantage here is that the knives will stay sharp for a longer period of time.

A network of experience

Visit our web site www.logosol.com and meet the members of the Moulding Network. They are all owners of a Logosol PH260.

Logosol is building a network of planer owners to exchange technical and marketing information. The Moulding Network sharing experience will give us material for the book on commercial custom moulding. You’ll see the book grow on our web site!



Do you want to join the network?
Send an email to info@logosolusa.com



That is me feeding 2 x4 into my PH260. I have done quite a bit of 2 in lumber. I did a custom job of over 10 thousand board ft. of mostly 2 x 10. The customer built a house with it and was well pleased. The PH260 handled the job very well.

Meet a Network Member!

*** Robert J Myers**

What products are you producing using your PH260?

General planing, but I plan to do some flooring and log siding. I planed a thousand board ft of mostly 2x10 to be used in a house.

What types of wood do you

work with?

Southern yellow pine, oak, cedar, walnut, cherry, and cyprus

Is there any advice you would like to give someone thinking of purchasing a PH260?

Yes do it now before the price goes up. It is a great machine that does a great job.

Springcampaign

2006



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\$9675⁰⁰

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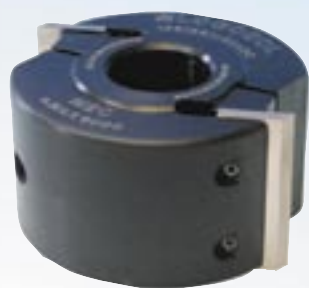
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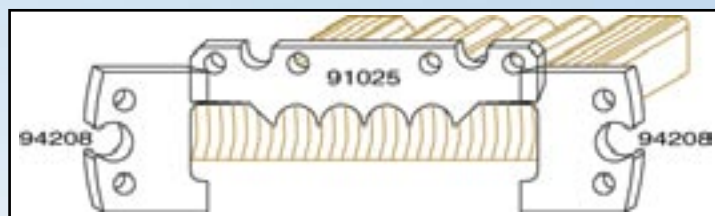
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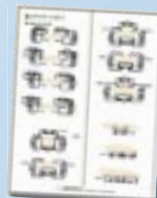
New!

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\$124⁹⁵



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\$1395⁰⁰

(3-phase)

\$1495⁰⁰

(1-phase)



Vacuum Hose

\$5⁰⁰ 4 Inch (Per Foot)



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\$97⁰⁰



In/Out Feeding Tables (PH260)

\$269⁰⁰



New Accessories

Micro Adjustment

\$28⁹⁰



Comes with the new model of PH260. Facilitate the adjustment of the side fences.

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– Shifts the Side Cutter Crank to the "Proper" side of the machine. For old models.

\$229⁰⁰



Fence for Straight-line moulding

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**Free Log Spinner and wood moisture
meter for every sawmill with powerhead**

Value: \$308.95

Woodworker's Mill



This new sawmill from Logosol gives you the capability to control your project from the raw log to the finished product. Cuts logs up to 8 ft long.

Sawmills with powerhead including 16" bar with 2 chains, files, Pferd file and adjustable Log Stop.

Logosol M7 Sawmill



With the M7 Sawmill you can saw a tree on site at a woodland plot and choose an optimum size for your boards. Cuts logs up to 16 ft long.



\$2395⁰⁰

**M7 without
powerhead**



Logosol M7 with 385XP

385XP + M7 = \$3395⁰⁰



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Logosol**

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**Rail Extension
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**M7 Rail 6.2 ft
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(half sawmill)**

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www.logosol.com
forum, manuals, webshop



Husqvarna 385 XP with 3 year warranty

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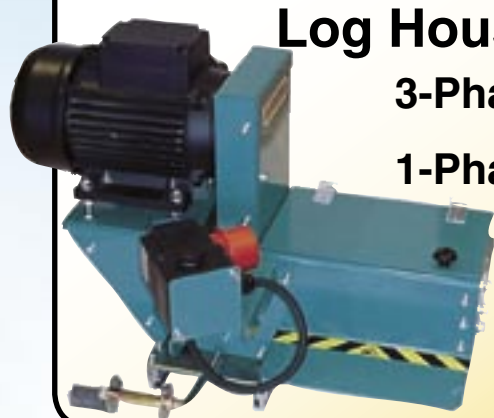
This warranty is even for professional use with our sawmills - you pay some extra and get a unique warranty for 3 years!



- Increase your production!

Logosol E5000 3-Phase \$1995⁰⁰

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Log House Moulder

3-Phase **\$1450⁰⁰**

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from
3-8"**

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With the Big Mill Timberjig you can saw quickly and accurately for a small investment. The Timberjig comes with mounts and screws for the making of the guide rail, and a detailed manual. Fits most power saws with two bar bolts.



The most important components of the system

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\$387



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Build your own sawmill!



Components:

1 timberjig

Log Diameter:

Max 23"

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Big Mill BASIC

Complete sawmill!



Components: Timberjig, guide rail holders, guide rail 2.75 m.

Log Diameter: Max 31"

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Big Mill PRO

The package that can do it all!



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Components: 1 Big Mill BASIC, 1 extra Timberjig, 1 extra guide rail 107", 1 LSG kit, 2 Arm EXT 37" or 47", 2 Fixing Plates EXT, 1 Extra Rail Holders kit.

Log Diameter: 53" with guide rail steering 41".

Big Mill LSG

For sawing of giant logs!



Components: 2 Timberjigs, 1 LSG kit with bar tip steering.

Log Diameter: 53"

\$515



When Art Unger discovered the Logosol Log House Moulder he could start his new business - building log framed kit houses.



M7 and Log House Moulder - perfect for new business

After years of repairing log cabins, Art and Brenda Unger know them inside and out. “The buyers and builders are focused on the visual. They don’t pay enough attention to function and longevity,” Art told me in a recent interview. “I’ve learned that with good design and quality workmanship, you can avoid a lot of the common repair problems.”

Frustrated by repairing the mistakes of other builders, Art considered building high quality timber frame cabins. Two things brought this idea together. First, he discovered the Logosol Log House Moulder. This affordable, high quality machine allowed him to cut his own logs for his cabin repair business and would be perfect for his new idea of building log framed kit houses. Next, he found a good, steady supply of discarded logs from a decorative cedar bark company. His new business Plus Logs was born.

Plus Log houses are a cross between timber frame and log cabin. They are built of pre-fabricated four-foot wide sections framed with 2” x 6” boards. The joined sections have a timber frame appearance with four ft. logs between the posts. Framing is made from “Euro Spruce” logs, imported from Germany, Norway, and Denmark. “I like this wood because it grows a lot slower making the growth rings much tighter,” Art says. “It is a more stable wood to frame my sections with.”

Cutting the Swedish cope

Art likes to keep the logs natural. The “Swedish Cope” cut only on the bottom of each log gives a tight fit, and because of the independent lifting arms he can cut to the natural taper of the logs. Caulking between the logs completely seals out wind and moisture. Eight-inch lag screws hold the logs together. The ends of the logs are secured to the planks with six-inch lag screws. The 325-pound sections bolt together to form the walls. Windows and doors are simply cut out from the sections.

Roof sections are similar, but longer.

Finding a sawmill to cut the 36’ logs was a challenge for Plus Logs, and it could take weeks for the mill to get around to cutting an order. Art also had a problem with quality from conventional sawmills. “You just can’t get the logs cut perfectly, so you always end up doing a lot of hand shaping.” He now cuts the logs on a Logosol M-7 chainsaw

“The quality and style of building we do would never have been possible without the Logosol Log House Moulder and the M7 Sawmill.”
Art Unger

mill. “The quality and style of building we do would never have been possible without the Logosol Log House Moulder and the M7 Sawmill,” Art explained. You can’t imagine the different ways we have found to use it.”

Log house Moulder Passes the test of time

In his four years of experience with the log house moulder, Art has learned several techniques to keep the machine running smoothly. “I keep two sets of knives, so I always have a sharp set standing by.” Art sets the knives differently so that one knife does most of the cutting. When he changes blades rotates the “lead knife” back, and leads the cut with a freshly sharpened blade.

Art avoids pushing his moulder too hard. “I take multiple passes depending on how hard the wood is. I never try to hog it out in one pass. I feel it has been a good practice because my equipment has been lasting for many years and is still in perfect shape.” Art claims he can cut about two thousand logs between knife changes. “Of course it may be sooner if I hit a nail, which has happened to me twice,” he admitted.

Lacking three-phase electricity at his site, Art initially bought a gas powered moulder, but now has since set up a rotary phase converter, which allows him to use the electric three phase version. “I really love it. At first I was concerned about the electricity consumption but it just has not been much.”

Unique product

As Art and Brenda focus more on the their pre-fab timberframe business, the M7 sawmill and Logosol moulder will remain integral tools. Their versatility allows Plus Logs to meet the demand for this unique product. “We plan on building about four houses this year and about six the next near. We have a lot of ideas for the future and plan on making more and more kit homes each year,” concludes Art.

You can see more about the Ungers’ cabins by checking out their web site at: www.pluslogs.com or call them at 920-387-5676.

Interview with BobYari, shareholder of Logosol Inc. and owner of one of the worlds biggest independent film companies, “Yari Film Group”. Rob Bjorklund, President of Logosol Inc, asks the questions!

Hello there!

BobYari

Rob: How long have you been involved with Logosol Inc?

Bob: *I invested in Logosol in 2001 .*

Rob: What work do you do for Logosol Inc?

Bob: *Well I attend board meetings, I especially like the meetings in Sweden, on one of the trips I got to go ice skating on the frozen Baltic sea.*

Rob: Anything else You can tell us about Sweden?

Bob: *Well it's one of the most beautiful places you can ever go. And the people are great. I have some good friends there, Bjarna and Ulla Anderson live far to the north. I have a good time visiting them at their summer house and even had the chance to do some building on their baste (sauna) with Logosol wood.*

Rob: Bob tell us a little about your film company, like what are some of the titles and actors we might recognize from some of your movies

Bob: *Hostage with Bruce Willis, The Matador with Pierce Brosnan, Greg Kinnear and Hope Davis, A Love Song for Bobby Long with John Travolta and Scarlett Johanssen and Crash with Sandra Bullock, Don Cheadle, Matt Dillon, Jennifer Esposito, Brendan Fraser, Terrence Howard, Ludacris.*

Rob: Why do you choose to make your own company? Couldn't you get the same reward from working for one of the other leading companies, like Disney or Warner brothers?

Bob: *Well, short term perhaps I could have made more money stepping into a large, established company, but that's not what I am looking for. I'm a builder and I need the challenge of doing it myself and the satisfaction of knowing I've created something from my hard work and skills.*

Rob: What are the main components of bringing a film from script to release?

Bob: *There are five main components – development of the script, pre-production, Production , post-production, and lastly, marketing & distribution.*

Rob: Is it normal for production companies to do all these different functions in-house?

Bob: *Only the big guys, like Disney, or Warner Brothers are doing it all themselves.*

Rob: It must be a huge risk taking on a new aspect of the business, where you do not have the expertise. Is this correct?

Bob: *Yes, it usually would be, but we have developed a system to minimize the risk. We start by taking on more simple aspects of the tasks and contract out for the more complex aspects. Let me give you an example. During post-production we do most of the work in-house with our own full time staff, but things like sound mixing or special effects, we still contract out. There is a time when even some of these will be done in-house, but we will pick the timing carefully and be sure that we have the expertise and management capacity to handle it.*

Rob: Do you feel that you gain added benefits by doing so much in-house?

Bob: *Absolutely. The more we can keep in-house, the better control we gain for the complete project. We do not have to depend on others, their time frames, or what they think is important. We also gain ad-*



“I’m a builder and I need the challenge of doing it myself and the satisfaction of knowing I’ve created something from my hard work and skills.”
Bob Yari

ditional profitability by retaining profits generated by each task. The projects that we feel are highest priority, we can push right through. There is another reason especially true for distribution, and one of the main reasons why I am set to develop our distribution network. The distribution company is most credited with the film. A lot of people never understand that the hard work was done by the company that handled all of the different aspects of production.

Rob: It seems the only thing you are not doing is the distribution. Any plans there?

Bob: *Yes, we have three films coming up that are scheduled for our own distribution. Remember though, we will be starting slow, using the system of contracting out the complex aspects until we are really ready to handle it all in-house. You can never imagine the complexity of distribution, its really mind boggling.*

Rob: How many people do you have working now in Yari Film Group?

Bob: *We have grown to fifty people in just three years.*

Rob: Besides Logosol Inc and Yari Film Group, are you involved in any other business?

Bob: *Oh yeah, I operate a full real estate development and management company as well as a manufacturer of thermal/acoustic insulation for commercial aircraft that supplies both Boeing and Airbus.*

Rob: With this much business going on, do you have any time for fun, family, or friends?

Bob: *Well, put it this way, at times when there aren't raging emergencies, I make sure I make time for friends and family. In the end, that's all that matters. And I do have to make the time because of course I could be busy every moment of every day. I also try and keep it all fun. I have other hobbies that really help me forget about work as well. To give me a small mental brake, I love flying. I am also a reserve deputy sheriff for LA County. Having this kind of diversity keeps me from burning out.*

Rob: Bob, what advice would you like to pass along to the many independent businesses, using Logosol machines?

Bob: *Well, those people are really doing the same thing I'm doing. They're entrepreneurial spirits at heart. They want to build and watch their enterprise grow. They want to reap the benefits of their hard work and skills. So I say, just go for it.*



Advertising has never been a problem for Larry Rogers. "Pretty much all my advertising is word of mouth. Once people see things, they always seem to get more customers back." In this house he did all the wood work. "There is pine, magnolia, poplar and beech. I did the 5" crown moulding, fluted bead, tongue and groove, bead board and flooring."

From fallen trees to 5" crown molding

The winds and waves of Hurricane Katrina devastated thousands of square miles along the Gulf Coast. Sawmills of all sizes are still working overtime to salvage as much timber as possible before it begins to decay. A hundred miles inland near Monticello, Mississippi, Larry Rogers contributes to the effort with his WoodMizer sawmill and Logosol moulder.

"Here, we were hitting 120 mph winds. Nothing like those people down there got. From the Mississippi-Louisiana line to Alabama, the wind and storm surge wiped out whole towns," said Larry. "There's a lot of salvaged pine and oak, which is what I'm dealing with right now. A lot of people give me their pine just to get rid of it. They hate to see it go to waste."

Works on an offshore oil rig

As installation manager on an offshore oil rig, Larry is responsible for equipment maintenance and repair. "I work fourteen days on, and fourteen days off. It's pretty much a 24 hour a day job, overseeing. I've worked on the oil rigs ever since I graduated from high school. I've worked on just about every kind of rig there is." Larry puts his experience with oil rigs to good use around the mill. For example, when he bought his WoodMizer, he had the dealer remove the computerized networks. "This [oil] rig I work on is high tech, and with the trouble we have out there with that, I just didn't want to deal with it at home." His knowledge of machines sold him on the Logosol planer/moulder.

Larry started out with a Woodmizer LT40 Superhydraulic sawmill and a tractor with a

boom lift on the back. "As we made money we bought more equipment. Everything we bought we paid cash, so we didn't owe anybody anything." His next major investment was a 4,000 board ft dehumidification kiln, followed by "prehistoric" 18" Oliver planer, which he still uses to rough plane the lumber before running it through his most recent investment—a Logosol PH 260 planer/ moulder. With this combination of equipment, he is able to offer complete service from sawing logs to providing finished moldings to his customers.

"I knew that molding would be a pretty good business. People were always asking me if I knew anyone who could tongue and groove or plane stuff." At the Logosol dealer in Madison, Mississippi, Larry gave the PH 260 a thorough checkout. "We made them show us just about everything you had to do with it. It took them four or five hours to do it all. When they got through, we were impressed with what we had seen, how easy it is to service it and change out the cutters. That sold us right there."

Although Larry has had the Logosol for less than a year, word is getting around. "I do a lot of custom cutting for people, and for myself, pretty much whatever anybody needs. I've

had quite a few people bring me lumber that they've had stacked for years drying." Larry figures that planing and molding already generates about 20% of his business. "The planing is just getting started. I figure by next year I'll be going pretty strong on it." His main products are 5" crown molding, tongue and groove flooring, and chair railing. When his sister built her house, Larry cut, dried, and milled all the wood for the flooring, casing, molding, and ceilings.

Quick and straightforward

Larry has eight knife patterns. "We change cutters pretty frequently. We dry the lumber, then sort it according to end use." He has found that changing knives is quick and straightforward. "We keep a book with all our measurements, and what distances to set the cutters from the edge. When we go to swap stuff out it's pretty simple," he explained.

Mechanically, the machine has more than met Larry's expectations. "The only thing that's happened was that I sheared a pin on the feeder, and broke a belt on one of the cutters, but that was more my fault, because I had one cutter taking too big a bite, it got in a bind." Of course, with his experience on the oil rig, Larry is meticulous about maintenance



A selection of the assortment at Loggs to Lumber in Canada. Their range of products consists of over 800 different items, mainly panels, cornices and skirting-boards of different kinds. Jeff Kaulbach is the owner.

Large-scale industry and a more narrow range of products within every field opens the way for small-scale businesses. The market for sawn timber products is a good example of a field where many people are willing to pay a higher price for products that are different and unique.

In the province of Nova Scotia, Canada, Home Depot completely dominates with their gigantic department store outside the city of Halifax. Home Depot is the worlds biggest DIY chain stores and they supply more than a fifth of all sawn timber pro-

Future jobs within the

ducts sold in the world today. The department store is a general store where you can find almost every-thing, but every sort of goods presents a narrow range of products. In Halifax there are, for instance, only two types of cornice.

Outside Lunenburg Jeff Kaulbach runs the business Loggs to Lumber, a combined sawmill and planer shop. Lunenburg is one of the oldest cities in North America. It was founded in 1753, and is represented on the UN list of World Heritage. At Loggs to Lumber you can hardly find the boards, panels or cornices that you can



The business not only keeps Larry Rogers busy between shifts on the oil rig, but also his father and two sons. When he retires from the oil rig, Larry says he plans to run the business full time.

with his wood processing equipment. "Every time we get through with it, we vacuum it out and oil it up. That's it for maintenance. So far it's done us a good job." Larry estimates that he has run twelve thousand feet of 6" tongue and groove material through it so far. "I couldn't tell you how much molding," he added.

Word of mouth advertising

The PH 260's maximum width of 10" for tongue and groove and 13" for straight planing is more than adequate for Larry. Keeping his flooring less than 6" wide allows slight curves to be straightened during installation. This eliminates the need for straight line ripping. Generally, the wood goes straight out his kiln through the moulder. "I've got an old barn that I've converted, poured a cement floor 16' by 60' and added big sliding doors." Larry loads one end, dries it, runs it through the planer, then takes it out the other end. This gives a smooth flow of material, and keeps both the wood and the equipment out of the weather.

Advertising has never been a problem for Larry. "Pretty much all my advertising is word of mouth. Once people see things, they always seem to get more customers back."

Providing a range of services has its advantages. "I'm the only one around here that will dry and plane it for them. I can stay as busy as I want to. I've already had three calls today." The rebuilding of the Gulf coast provides opportunities for anyone in the wood processing industry. "I'm hoping that I can connect with contractors around here that are rebuilding, and sell a lot of the molding. The market is definitely there."

The business not only keeps Larry busy between shifts on the oil rig, but also his father and two sons. "My father is semi-retired. He sharpens the blades and sets up the planer." Larry explained. His older son has moved on to other things, but his younger son, now twenty years old, helps evenings and weekends. "They've learned about money and learned about work," he concluded. When he retires from the oil rig, Larry says he plans to run the business full time.

His advice to anyone wanting to start a similar business is simple. "You've got to be dedicated and willing to work if you're going to build a business at it. It'll take time. You aren't going to get rich right off the bat. Just stay with it, and slowly accumulate the equipment that you need. It takes a lot of hard work."

field of small-scale wood processing!

buy at Home Depot. Jeff has a background as an economist in the Province Administration. In his spare time he used to saw, albeit on a circle saw, but in every other respect just like any Logosol Sawmill owner.

At the same pace as the small timber yards disappeared, and the dominance of Home Depot increased, Jeff got more and more customers. Eventually, he resigned from his job and started to work full-time with wood processing. Today he has seven employees, and the business is capable of expanding even more. But Jeff does not let his business expand, since he does not

want to be a bureaucrat again.

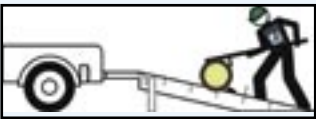
Jeff is part of a network of small sawmills and planer shops which are situated at the Canadian Atlantic coast. He produces the products the customers want. He saws all the 20 sorts of wood which grows in the forests of Nova Scotia, and today he runs a profitable small business. His growing assortment consists of over 800 products.

Like many of Logosol's customers, he has taken advantage of the opportunity to create something unique!



A chapter from Sawmilling for Woodworkers
- our Best Seller!
.....

Loading Logs



Now that you have cut your logs and fished them out, it's time to load them on the trailer. A trailer is preferred to the bed of a truck because the trailer is a lot lower to the ground. This makes it easier to load logs, and you don't have to worry so much about a little scratch here and there. At home, I have a little crane that I built and mounted on the front of my trailer. It will pick up about 1,000 pounds. There are also manufacturers that build small cranes for trucks or trailers.

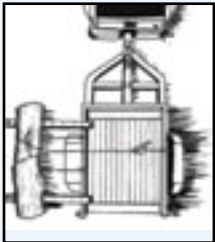
Now let's say you don't have any of that extra stuff available to you. A good ramp can work just fine to get started hauling logs. I like to use a couple of 10-foot long 2x10 boards. Most of the logs I load would snap them like they were toothpicks, so support them underneath at two points on each ramp.

You can use the same ramp that you use on the sawmill for this purpose. Take lighter logs right up this ramp using a cant hook. Position a 2x4 across the two ramps behind the log to hold it in place when you stop to re-spike with your cant hook. Reposition the safety pins as you work the log up the ramp.

WARNING! Only use this method on small logs that are easy for you to handle. You do not want to chance a bigger log rolling back on you.



To load bigger logs, hook a chain with one end on each side of the back of your trailer. Grab the chain in the middle and pull it out towards the center



of your log. Run the chain under the middle of the log. From the front of your trailer, use a come-along or boat crank or another winching device to pull the log up on the trailer. Run a line out and over the top on the log, hooking onto the chain you have positioned around the log. As you crank up the come-along, the log will begin to roll. It does not take much effort to roll even a large log into the back of a trailer using this technique. The same procedure can be used for side loading longer logs (as shown).