# Woodrack March 2004





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#### Columns:

President's Message Secretary's Report Notes From the Editor Program Committee Show Biz Bent Nails & Splinters

"The views expressed within are not necessarily those of the Long Island Woodworkers' Club, it's Board of Directors, or the editorial staff".



#### **President's Message**

Mike Daum



he recent collaboration between the LIWC and the 4H cooperative was a significant highlight of our club's history. These youth-oriented programs are important in assuring young minds will have an interest in activities other than video game playing. With the level of interest among our members to participate in teaching the craft of woodworking, why not approach similar organizations as well? If you are involved in any who might be interested, let us all know. Thanks again to Dennis Taddeo, Gabe Jaen, and others for their efforts.

On a personal note, I am eagerly anticipating the upcoming Show in April! What I enjoy most is marveling at the projects we all make. This is the essence of the event! I feel that if you are truly serious about improving your workmanship, and learning new techniques - as most of us do - there is no better opportunity than showing your work to your peers. You say you're a beginner - Great! - make something the best you can and share it with us. You will be encouraged by compliments and honest constructive criticism. If there is room for improvement, you will learn how to advance in your methods of work. There is so much talent in this membership, yet I sense there is not enough confidence. Don't let the optional juried competition scare you off



Mike Daum (and others) at the 4H Club meeting.

#### Check out the two links this issue.

http://www.liwoodworkers.org/woodrack/images/michaelpuryear.pdf http://www.liwoodworkers.org/woodrack/images/clancyplane.pdf

# Secretary's Report

Brian Hinteman



ebruary's meeting began with our President Mike Daum (a.k.a. Cosmo Kramer) addressing the membership concerning some recent changes the board made to the current bylaws. The biggest change is where the current president gets two weeks paid vacation and a Hummer H2 to drive around in. The changes must be ratified by a vote at the membership at the March meeting. Copies of the bylaws are available by e-mailing Mike Daum. His e-mail address is on the website.

The LIWC recently spent some time with the 4H club. **Dennis Taddeo** and **Gabe Jean** both spoke highly of the experience vowing to organize similar events in the future.

Mike mentioned that the glazing seminar held at the barn by Mac Simmons went very well and encouraged all to attend the weekend workshops which "are a real bargain at \$25 for members".

**Joe Bottigliere's** reported that we currently have 177 paid and 107 severely delinquent members. Please pay your dues as soon as possible if severely delinquent.

Gabe Jean and **Steve Costello** requested volunteers from the cub to help make pieces for knock down rocking chairs the 100 toy gang is building. The rocking chairs are being donated to local area hospital for sick children. Volunteers are needed to band saw and rout parts of the chair. Steve Costello quickly changed hats and reminded us that the annual bus trip to Saratoga's woodworking show is coming up on March 27th. The cost is \$40 and will leave the Route 110 park and ride at 6:45 am returning around 10 pm. A Harran coach will provide luxury accommodations "with facilities" to and fro. Steve suggested that spouses are invited, but if you're planning a large purchase you might be better off going solo. Saratoga is too far away to make returns (remember also to buy tools at our show).

For show and tell **Fred Goldberg** demonstrated an ingenious way to set the height of saw blades or router bits using a light bulb to gauge height. **Harold Orr** brought in two cherry valet boxes he made with beautiful inlay and **Steve Gazes** brought an intricate fret work clock complete with operational cuckoo.

New members: Matt Stern from Dix Hills, Eric Lesnick from Pearl River, Bill Leonhardt from E. Patchogue, Rolf Beuttenmuller from Bellport, Richard Ryder from Oakdale, Michael Luciano from Massapequa Park and David Tarbell from Hauppauge. Welcome all.

continued on page 4

#### **Editor's Notes**

Daryl Rosenblatt



his issue if full of numerous contributions by members. Alain Tiercy wrote about Mac's glazing workshop, Steve Eckers continues his column and Secretary Brian Hinteman gets help from his brothers Moe and Larry to liven up his report.

I'm sure most of you are reading this are only doing so because your finish is (ahem) drying on your show projects. I realize that almost every article for the next couple of months will be about show preparations, and the May issue will be a show recap, but I would like to raise a few points about all this "Show Biz (which of course is a shameless plug for Mike's column, devoted exclusively to our Show):

- 1. The Show is out premiere event. It has become our public face on the world. The good news is the world has looked back, and liked what is saw. Our membership has almost doubled in three years; last years show winners were published in Woodwork Magazine, and we got an article about the club in Wood Magazine.
- 2. The Show has become a prime source of revenue for us. We get the finest speakers to come to our club, both for monthly meetings and workshops
- 3. Since our show is becoming nationally recognized, we attract many of the most well known dealers in the world to our show. Ask anyone who pre-ordered those Laguna Bandsaws, or who bought nay other equipment at the show at bargain prices if these vendors were worth it; it think the answer will be a resounding YES.
- 4. As the visitors to the show numbers in the thousands, we attract many people who will actually buy the projects we make. That is a professional's goal of course, but to the many amateur woodworkers such as myself, I consider this the ultimate form of flattery.

This show is our showcase. When the public walks into Hofstra, it is our work that they will see first. Please never think it is not good enough, because I already know it is. To the public at large, they are awed by all the work; to the membership, we all know that everyone has to start somewhere, and this show is the best place. Don't be afraid to have it judged either, because the comments the judges make is strictly among them, not anyone else. They will gladly tell you about your project if you ask; something I heartily recommend. Building something for the show every year has made me a better woodworker. Since that is our goal, let me repeat what our secretary, Brian Hinteman closes his column with:

Go make shavings.



### Notes From the Programming Committee

Bob Urso



**Show Biz** 

Mike Daum



MARCH 3RD Monthly Meeting: Topic Vacuum in the woodshop.
Veneering, clamping and lathe chucking.
Presenters: Club members

MARCH 13TH Sat. Sharpening workshop. Hands on and inter active. Cost \$25 members, \$40 non-members. See Joe Pascucci to sign up.

MARCH 27 Northeastern Woodworkers' Show in Saratoga Springs. If interested, the cost is \$40, a bus is rented for the trip. call Steve Costello 631-427-8070

**APRIL 7TH Monthly Meeting** 

APRIL 16TH Friday before the show. Volunteers needed.

Please let John Seiple know of your availability. Projects for judging is due then as well. Contact Mike Daum if you need help in getting it there.

# April 17th and 18th L.I. Woodworkers 9th Annual show & exhibit.

MAY 5TH Monthly Meeting

**JUNE 9TH** Annual Picnic at the Barn. Starting time 6 PM.

NOVEMBER 19,20 AND 21 2004. Friday —Sunday Seminar present ed by Marc Adams of the Marc Adams School. Topics to be determined, let us know what you would like to see.

If the Show just weeks away now, it's time to get the word out to the general public! It would be great if you could take some time right now to jot down (or commit to memory) the name of your local community newspaper and provide me with this information at the March meeting. This will enable us to send faxes to the appropriate news media to have them list us in their events section. You could also post the information on the website forum under "The LIWC Show", or email me directly.

Please also fill out the exhibit form in this issue and either mail it to me (to the address on the back page of the Woodrack), or bring it to the March meeting. It is down to the wire now, and the exhibit space is way too plentiful. We need to fill it!

Upon request, the exhibit committee will keep your projects out of reach of the viewing public. We must accommodate you in any way we can in order to encourage participation in the exhibition, yet bear in mind that wooden furniture is just begging to be touched, and it would seem unnatural to keep everything behind ropes. The eyes of the Show's volunteers will be keeping vigilant watch over the projects as well, while providing helpful information to inquiring minds.

Finally, if you are in need of transportation for your projects, we are now planning the coordination and need to know of your requests ASAP!

Secretary's Notes from page 3

Captain Gabe Jean outfitted with new a eye patch encouraged all members to "check their blood pressure often". Arrrrrrr mate!

Jim Clancy asked that all members make a few hundred thousand toys each to be given away at the toy workshop at this year's show. Bernie Hunt requested volunteers for Friday April 16th to assist in the load in and load out aspect of the show. He promises to let all volunteers take a spin the forklift he rented. John Seiple requested that all volunteers double check that he is aware of your volunteer schedule in order to ensure all areas are staffed adequately. Jim Macallum and Daryl Rosenblatt are responsible for photographing all pieces again this year and they request that all pieces entered for judging must arrive Friday April 16th. Arrangements can be made to assist getting pieces to and from the show.

**Alain Tiercy** mention that a new AC Moore recently opened in Hauppauge. **Elaine Deazley** requested a young strapping lad assist her in hooking up her new dust collector in an exchange for a lovely meal of assorted grilled

#### **Bent Nails and Splinters**

Steve Eckers



et a small airtight METAL garbage can with a tight fitting metal lid. Do not get one with a plastic liner in it. This is used in the finishing area for disposal of any flammables. Get in the habit of emptying it every night.

You too can have a 'zero clearance' throat plate for your scroll saw or bandsaw... A piece of wide 'carton sealing tape' will do the job. Split a piece of tape half way through and apply it 'around' the blade to closes up the hole in the saw 'throat'.

Do you use a 1/4 sheet orbital sander? I find that a half strip of duct tape at the clamp ends keeps the paper from ripping. If the sheet is slightly too short, the duct tape can be used as an extender too.

To make nailing easier, be sure the face of the hammer is clean and dry. Oil from your fingers will make nail driving harder. Wipe the face off with a clean rag or wipe it off with your shop apron. Get in the habit of not touching the face of the hammer.

Add an extra 110 volt outlet to every machine in your shop. This will allow you to place a magnetic base or clip-on light onto the machine you are working with. More light equals better safety. It's also a good place to plug in your shop vac when you're cleaning up at the end of the day.

Get a sisal door mat to keep at the entrance of your shop. It keeps you from tracking sawdust all over your home. It also keeps you from tracking 'stuff' into your shop.

Make Xerox copies of the reference charts you are always using. Laminate them, punch them with three holes and keep them in a handy 3 ring binder. That way they will be easy to find and you won't accidentally use them for scribbling phone messages.

Unless you are building lots of projects, buy glue in smaller containers. Most glues are only good for two to three years from date of manufacture. After that, they may not work properly.

Clear (white) shellac has a shelf life of 2 to 3 years. After that, it may not dry properly. Again, buy the smallest quantity that will do the job for you.

If you use pipe clamps, take a 10 foot length of pipe both ends of each piece and get a few pipe couplers. This way you can add lengths together to make up whatever length is needed. The extra pieces are also easier to store than fully assembled clamps.

Look at the point on your marking gauge. A 'round' one looks like a pencil point and is used for marking with the grain of the wood. A knife edge (technically called a slitting gauge) is used across the grain. Always use a ruler for setting your gauge. Do not rely on the factory printed markings.

Invest in a good straight-edge or two for your shop. If you use a lot of  $4 \times 8$  sheets of plywood or masonite, invest in an eight foot straight-edge. For most other work, a 4 foot straight-edge will work nicely. It can be a commercially made one or a nice clean length of angle iron. A clean cut length of  $\frac{1}{2}$  " or  $\frac{3}{4}$ " plywood at least 4 inches wide will also work.

Secretary's Notes from page 4

meats. **Bob Urso** asked all members to support the raffle at the meetings because it directly supports the club. Bob also took some time to "self serve myself" and offered all club members discounts on various tool lines he now carries. 10% off on all Penn State Products, all Robert Larsen tools including "Two Cherries" and "Hock" and MLCS router bits. "But wait there's more!!!"

Our speaker Michael Puryear was introduced and the room was humbled with the level of his workmanship.

On a side note, the comments I make here are intended for the enjoyment of all who read this stunning publication and should be taken as such. Although the editor would rather not print this "offensive column" I convinced him to allow the members to decide by voting on the forum. So let's show him we all have a sense of humor and vote whether you find the secretary report to be humorous or offensive. I believe laughter is what makes it all worth while so sit back and enjoy the ride. Some names are occasionally changed to protect the innocent.

Let's go make some shavings...



(Editors note: you should have seen Brian's FIRST draft!!!--Daryl)

#### The Cross Adhesion Test

**Mac Simmons** 



he cross-hatch adhesion test is used to determine the bonding of coatings to substrates, as well as the compatibility of different coatings.

Although this test may not be considered "high-tech," it certainly does work, and is recommended by the American Society of Testing and Materials (ASTM) and by the American National Standards Institute (ANSI)

The basic do-it-yourself, stick-and-pull test has been used by coating manufacturers, finishing, and refinishing shops for many years, and is still used today. It is most valuable in shops where different top coatings and other finishing materials are combined into the same finish; in these cases, you need to know if you have a good bond between these integrated coatings, colorants, additives, and with the substrates that are being coated.

Make up several test panels using the same materials and following the same procedures as for the actual piece. The panels should be allowed to dry and fully cure. Because of the numerous coatings, methods of applications, and systems for drying on the market today, I cannot give a definitive answer as to how long to wait; I personally prefer doing the test after 7-10 days, and then doing another test two weeks later for double-check any differences, always keeping notes on the two samples to make comparisons for future references. This suggestion covers both air- and heat-dried coatings. If a faster test must be done, then the following adjustment can be made: if less than 20% of the coating is removed, this is considered passable; if more than 20% of the coating is removed this is considered poor adhesion between the coating and the substrate.

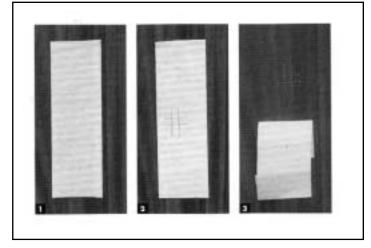
To do the test, start by applying about 6" of a good grade of masking tape on the coating, making sure that the tape is laving flat and is pressed down smoothly on the coating. Fold over about ¼" of the masking tape on one end; you will be using this to pull off the masking tape (photo 1).

Use a sharp razor blade or an x-acto knife to cut two parallel lines, about ¼" apart and about 1" long, through the coating and down into the substrate, then cut two lines perpendicular to those about ¼" apart and down into the substrate. This is your basic cross-hatch-it is the same design as the game markings made when you are playing "Tick, Tack, Toe."

(photo 2).

Grab the tab of folded tape firmly and pull it off the panel. If you only see the cross hatch cuts, and there is no lifting of the coating, this shows that you have a good bond between the coating and the substrate (photo 3). If some of the coating is removed (and you are not doing the "fast test"), then you have an adhesion problem.

Adhesion problems mean of two things: something is wrong in your finishing procedure, or there is a problem with the finishing materials you are using. Review your whole process; be sure not to overlook anything on the following list of causes for poor adhesions in the finish.



- -The wood surfaces were not thoroughly cleaned.
- -The woods were too finely sanded.
- -Incompatible materials were used in the finish ing process.
- -Moisture in the woods, finishing materials, or in your appli cation system.
- -Stains were not thoroughly dry before you began applying your coatings.
- -Glazes are notorious for adhesion problems-know how a glaze should be applied, and when to coat the over the glaze.
- -Too much colorant or additives in your materials causes problems in your coatings.
- -Over-catalyzation creates stress and tension as these coat ngs continue to cure.
- -During the finishing process, was the ambient temperature within the recommended range?

Now is the time to check for adhesion problems, before the final finish is on the furniture project. So, get out the masking tape and razor, cut out the cross-hatch, firmly pull off the tape. As you can see, doing the "cross-hatch test" is as easy as 1-2-3.

This article was originally published in Woodwork Magazine, Issue no. 76, April 2001, and is being reprinted with their kind permission.

# Mac Simmon's Glazing Workshop

Alain Tiercy



Being somewhat "finishing challenged" I was looking forward to Mac's glazing workshop which was attended by 12 members in a rather cold barn. My finishing skills, or lack thereof, consist of an oil finish with a clear protective coat. Although this kind of finish works for fretwork I want to learn more about this vast subject, and Mac's workshop was the ideal venue to get started.



As suggested by the name of the workshop, Mac led us through the various steps of a glazed finish. (I wanted to bring a cake to apply the glaze to, but soon realized that this was not a Martha Stewart event). Mac covered the various types of glazes, application techniques and shellac finishes, etc. Each one of us had the opportunity to try this out for ourselves. I soon realized that what Mac makes look easy is not so simple.





After Mac's main presentation on glazing we broke for lunch. Mac then covered other techniques such as faux finishing, marbleizing, glue-sizing and many more. There was only so much I could absorb and I left the workshop with my head spinning with all the information Mac gave us. The notes I took are somewhat inadequate, however Mac writes articles that can be accessed on line at www.iswonline.com. This is the website of the magazine Custom Woodworking Business. (I hope I got that right, if not Mac can correct me). Type Mac in the search field and you will get many links to his articles.

Thank you, Mac, for a most informative session.



## SHELLAC CUT TABLE

ALCOHOL	SHELLAC		
fluid-oz	1 lb cut	2 lb cut	3 lb cut
	OZ	oz	OZ
2	0.25	0.5	0.75
4	0.5	1	1.5
6	0.75	1.5	2.25
8	1	2	3
10	1.25	2.5	3.75
12	1.5	3	4.5
14	1.75	3.5	5.25
16	2	4	6
18	2.25	4.5	6.75
20	2.5	5	7.5
22	2.75	5.5	8.25
24	3	6	9
26	3.25	6.5	9.75
28	3.5	7	10.5
30	3.75	7.5	11.25

#### Michael Puryear

Daryl Rosenblatt



The work of Michael Puryear should be familiar to our Club. After all, his profile was featured in the same issue of Woodwork Magazine as our Show 2003 winners. I became an admirer of his cabinetry before we met. I then had the pleasure of meeting him in Boston, along with Mike Daum, at the Boston Museum of Fine Arts (see last months' Woodrack for some details). After viewing works on display by James Krenov, Sam Maloof, Jere Osgood, Michael Fortune and many others, it became apparent that Michael Puryear's work is approaching that level of craftsmanship and design.

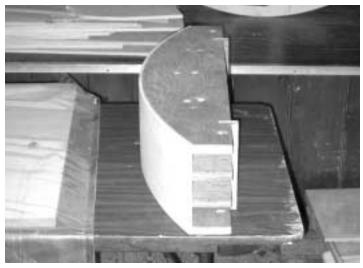
What the club was treated to was clearly of interest to all. Although his presentations ran late, the Barn was filled and quiet at the end (close to 10 PM). Filled is nice, quiet almost impossible. Michael's slide show of his work generated a lot of questions. Not as much on the design process (although he is certainly a design oriented woodworker) as on the "how." How do you smooth, how do you curve, how do you....? His wood selection generated another bevy of comments from the floor, since we are all interested in where to get good wood. (Although he was no longer satisfied with his local Brooklyn dealer, Puryear did mention Maurice Condon in White Plains as another source).

The main topic for the evening though was how he does bent laminations, which figure prominently in his work. He then brought out a large melamine platen, a vacuum bag (which he recommends be made of urethane, as stronger), and a small but powerful vacuum pump. He demonstrated two techniques: The first is one probably everyone thought of; place a form with the laminations



on top in a vacuum bag and pump out the air. In a few hours, the glue (Unibond 800 or some other urea formaldehyde glue was recommended) would dry and the lamination would be done.

The second technique was interesting. Using a special vacuum bag which surrounds the laminations and compressed them. This eliminates the need for both a very strong form and a lot of clamps. As usual, there are many ways to do so many tasks, and the Club certainly learned some new methods this night.







## WOODWORKING SHOW 2004



## **Application for Show Exhibit**

Name:	Phone:
Address:	
Project Name	e:
Please select a	category for the piece (circle which is appropriate)
A.	Furniture 1: Beds and tables
B.	Furniture 2: Desks and casegoods
C.	Furniture 3: Chairs
D.	Turning
E.	Toys/Crafts/Games: Includes any miniatures
F.	Accessories: Small projects that do not fit into "E"
G.	Unique: Any project not fitting into any other category
H.	Scrollwork/Intarsia/Marquetry
I.	Novice: A novice cannot have ever submitted a piece to any show, and must be new to woodworking. (placement will be at the Exhibit Committee's judgement)
Basis of desig	(n (circle which is appropriate)
A.	Original design  Is this piece for sale (circle one) Yes No
B.	Published plan
C.	Kit Is the price negotiable (circle one) Yes No
D.	Class
E.	Other (The Clu
Materials used	receives a 10% donation of the sale price. Sales at
Dimensions: _	
All entrants sh azines and ne gested, as the	hould know that their exhibits will be photographed, and that their projects may be submitted to me wspapers for publication. Unless told otherwise, your piece will be entered for judging. This is s judges will then be available for comments and suggestions for all judged entrants. Only members

9

good standing may have their projects judged.



#### **MEMBER NOTICES**

Volunteers are needed all three days (Friday, Saturday and Sunday, April 16-18) to work at the show. Please contact John Seiple (jseiple@optonline.net) for details.

The annual trip to Saratoga is set for March 27th. Plese contact Steve Costello (scostel@optonline.net) for details. Member cost: \$40

S A W EXPO 2004 Quite a number of our members attended the "Scroll Saw Expo" in Lebanon, PA last year. Should you want to attend this year's Expo it will be held on June 12th and 13th at the Lebanon Expo Center. This event is presented by S A W - Scrollsaw Association of the World. For more information visit www.saw-online.com. Click on events, SAW expo, Expo 2004 information. To view last year's event click on gallery, picnic pictures, 2003, Pennsylvania.

#### Shop Visit: Rich Weil

Mike Daum



aving known Rich Weil for some time now, and after several persistent invites to visit his shop in Smithtown, I finally made my way over to see his much talked about collection of wood and wares. Rich is retired now, having graced Grumman Aerospace with his abilities for many years as a draftsman and designer.

I had heard that Rich collected a lot of wood for projects, yet I had not anticipated the quantity and organizational level of storage I encountered on arrival. Neatly stacked, labeled, accessible - everything in this filled base-



ment shop has a place of it's own. Of course, knowing Rich, he felt improvements were necessary.

I learned that most of the wood he has collected was salvaged (yet clean and clear), and best of all - Free! And here's a tip: check with a local stairmaker for cutoffs and scrap wood. Some of these discarded boards could build a decent sized cabinet!

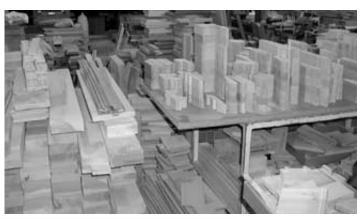
Weil's Woodworks produces a variety of items such as display cases and toys - even safety pushsticks and exotic wood paint stirrers! What I found most impressive is the array of jigs and fixtures Rich has devised to dupli-



cate parts for toys, etc., with utmost precision and quality. He shared some of his techniques for creating unique surfaces, such as lightly scoring the surface of a board perpendicular to a band saw blade for an even roughhewn surface texture.

His machines looked every bit as new as the day he bought them. Despite their active status, I could have given the shop the "white glove test" and passed (well, close anyway). An army of toy parts were strategically lined up awaiting their next processing. You've never seen such clean holes bored through these parts. I asked him where he kept his laser! It turns out that Rich has discovered quality bits and accessories, and his demand for consistency, clean edges, and well-finished projects reflect that kind of quality in his work.

Rich has managed to keep clear of the cameras and we have no police mug shots available, so you'll have to identify him at the meetings by spotting the beautifully crafted wooden plane name badge he wears at the meeting!



#### The Marketplace

Performax S/T Which has a 22" &44" capacity. It is unused but an older model. I have attached an image of it. The equivalent model is \$1,000.00 and I would like to get \$800.

Michael Puryear mpuryear@pipeline.com

Performax 25 x 2 Dual Drum Sander with Power Feed; 5 HP 220 V Leeson Motor. Machine has "low mileage" Asking \$2,000 firm.

Bob Urso (631) 724-4625 or through the club website

12" Sear's bandsaw, good condition\$175.00
14" Reliance Bandsaw, good condition. \$225.00
10" Ryobi Tablesaw, good condition
Charlie Morehouse at 631-271-7251

Craftsman 12" band saw
Craftsman drill press
Delta 12" planer
Grizzly 8" jointer
Air compressor and nail guns
Craftsman 10" Radial saw
Delta Wood lathe \*
Delta Contractors saw 10"\*
Craftsman Jig saw(give away)

Router table/ with Porter Cable Sthil chain saw Wood chipper

Robert Rudd (631) 261-0371 rrudd@suffolk.lib.ny.us

Craftsman 12" Bandsaw in good condition

Neal Fergenson (516) 796-9052

\$125

Late 1960's Rockwell/Delta Contractor's Tablesaw 72" rails w/machined aluminum extension table, Dayton 1.5 hp 120/240 motor, carbide blade, link belt and mobile base. In excellent condiiton \$325

Larry Mazzone (631) 433-4685

20"Yates-am. bandsaw 3hp/3ph excell. condit. tilt table/mag starter/new tires bal. wheels/fence/8 asst'd blades/- 12" Boice Crane planer 2hp/3hp excel condit.extra knifes unused/dust hood- vaccum system 2hp/3ph motor/65ft of spiral piping(Blowpipe brand)y's, t's 90 degr./45 degr. flex hose/blast gates asst'd piping 5& 6 inch/cyclone+3x(12"X8')dust coll. bags/-stihl 090 chain saw with mill attchmt, 16", 28" and 32" blades + rip chain-Air Comp. 30gal quincy -phase converter (single phase to 3 phase max 5hp) also some sycamore lumber various sizes and widths

Kerry (516) 541-4189 mrmachine911@yahoo.com

LONG ISLAND WOODWORKERS' CLUB



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