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- Bag capacity: 11.4 cu. ft.
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- · Approx. shipping weight: 170 lbs.

wöod



ISO 9001

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#### 4 HP DUST COLLECTOR

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- · Airflow capacity: 3551 CFM
- Static pressure: 13.5" · Bag capacity: 11.5 cu. ft.
- Impeller: 14½ balanced steel, curved fin
- Intake port: 10" w/o manifold, 4" x 4 holes with
- manifold Height
- with bags inflated: 101 1/8"
- Approx. shipping weight: 306 lbs.

MADE IN **ISO 9001 FACTORY** 



G0671 \$995.00 SALE \$97500 =

## **5 HP INDUSTRIAL DUST COLLECTOR**

- Motor: 5 HP, 240V, single-phase
- · Airflow capacity: 3961 CFM
- Static pressure: 14.6"
- Impeller: 15" balanced steel. curved fin
- Intake port: 10" w/o manifold. 4" x 4 holes
- with manifold Bag filtration: 2.5 micron
- Approx. shipping weiaht: 326 lbs.

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## 10 HP DUST COLLECTOR

- Motor: 10 HP, 220V/440V\*, 3-phase, TEFC, 30A/15A, 3450 RPM MADE IN ISO
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- Static pressure: 17.9"
- Impeller: 17" balanced steel, radial fin
- Intake port: 10" w/o manifold. 4" x 5 holes with manifold
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- Bag filtration: 2.5 micron
- shipping weight: 472 lbs.



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Static pressure: 10"

• Intake port: 6" with included 5" optional port

Filtration: 99.9% at 0.2-2 microns

Overall dimensions: 381/4" W x 651/2" H x 231/4" D

Approx. shipping weight: 210 lbs.

G0703P ONLY \$72500





#### **3 HP CYCLONE DUST COLLECTOR**

 Motor: TEFC Class "F", 3 HP, 220V, single-phase, 22A

· Switch: remote controlled magnetic

Impeller: 15<sup>1</sup>/<sub>2</sub>" steel

Suction capacity: 1654 CFM @ 2.0" SP

Filtration: 99.9% at 0.2–2 microns

Steel collection drum: 55 gal.

Overall dimensions:

 $60\frac{1}{4}$ " W x  $93\frac{5}{16}$ " H x  $38\frac{3}{8}$ " D Approx. shipping weight: 400 lbs.

G0441 ONLY \$145000



## 5 HP CYCLONE DUST COLLECTORS

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 Motor: TEFC Class "F" 5 HP, 220V, single-phase or 220V/440V\*, 3-phase

- Cycle/RPM: 60 Hertz/3450 RPM
- · Switch: remote controlled magnetic
- Impeller: 16" steel
- Suction capacity: 2184 CFM @ 1.9" SP

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- Filtration: 99.9% at 0.2-2 microns
- Steel collection drum: 55 gal.
- · Approx. shipping weight: 630 lbs.

G0442 Single-Phase ONLY \$249500 G0601 3-Phase ONLY \$259500



#### 7½ HP CYCLONE DUST COLLECTOR

- Motor: TEFC Class "F", 7½ HP, 220V/440V\*, 3-phase
- Cycle/RPM: 60 Hertz/3450 RPM
- · Switch: remote controlled magnetic
- Impeller: 18" steel
- Suction capacity: 3468 CFM @ 4.3" SP
- Filtration: 99.9% at 0.2–2 microns DUAL 55 GAL.
- Sound level: 84–85 dB
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- · Approx. shipping weight: 989 lbs.

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- Motor: TEFC Class "F", 10 HP, 220V/440V\*, MADE IN TAIWAN
- Cycle/RPM: 60 Hertz/3450 RPM
- Switch: remote controlled magnetic
- Impeller: 18½" steel
- Suction capacity: 4029 CFM @ 4.3" SP

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- Amps: 24
- Table surface area:

251/4" x 761/4"



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- Filter size: two 16" x 25" x 2"
- · Filtration: 0.3 microns
- Base size: 28" x 79"
- · Approx. shipping weight: 486 lbs.

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**MADE IN TAIWAN** 

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H2935 **OPERATION**  Motor: <sup>1</sup>/<sub>3</sub> HP, 110V, single-phase, open capacitor start induction, 5 2 A

- Table surface area: 231/2" x 311/2"
- Air suction cap.: 1040 CFM
- · Approx. shipping weight: 208 lbs.



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**Webinars:** Free online wood technology seminars See archived free online seminars on technology, CMA certification, software, finishing, industry forecasts and more. www.CabinetMakerFDM.com/webinars.aspx



**Video:** California considers table saw safety

Watch a video from the California Assembly about proposed table saw safety legislation.

www.sawdustsoup.com/video/state-assemblyconsiders-table-saw-safety-legislation



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# How far can we legislate safety?

When SawStop burst on the scene some years ago with its amazing hot dog demonstrations of its flesh-sensing table saw safety technology, it drew plenty of crowds at the trade shows. But manufacturers didn't rush to license the new technology developed by Stephen Gass, a patent attorney, physicist and amateur woodworker. Manufacturers were concerned about



by William Sampson will.sampson@ccimedia.net

the cost of the device, both for the manufacturer and for the consumer, since it is a single-use technology and has to be replaced after it deploys. Privately, some of them said they were also worried about liability if someone were injured despite the device or if it deployed unexpectedly.

So, Gass became a manufacturer himself, developing a line of table saws that incorporated the SawStop blade-braking system. The saws have sold well, showing up in thousands of shops, large and small across the country despite the saws costing more than competitors' comparable models without the patented safety system. But that wasn't good enough for Gass. He embarked on efforts to convince the federal Consumer Product Safety Commission to require the technology, and more recently, he lobbied strenuously for legislation in California that would effectively ban the sale of any saw without flesh-sensing technology. Since his patented system is currently the only one that meets the standards, the bill, now headed for passage, would effectively give Gass a monopoly on table saw sales in the state.

Full disclosure: I once came close to cutting off my left thumb in a table saw accident. After I tested the SawStop saw in my own shop, I didn't hesitate to buy it. I love the saw, and the only time the blade brake has activated is when I did the hot dog test myself to show how it works (www.CabinetMakerFDM.com/5583.html). Also, SawStop has been a regular advertiser in this magazine.

But all that said, it makes me just a little squeamish when a manufacturer spends thousands of dollars lobbying government organizations to have his product required by law. I have no doubt that expanded use of SawStop-equipped saws would prevent more serious injuries from accidents, but is it the role of government to order people to buy one product over another? Let individuals and the market vote with their checkbooks. Many of them, like me, have decided the safety technology is worth the price, but many more have not. Woodworkers should be free to choose without legislative interference. <

# **Cutting out the** middleman in large orders

MakeDirect is a new furniture manufacturer based in New York. Singapore and Vietnam.

The company intends to sell factory-direct furniture to customers at prices of as much as 90 percent off what similar items would cost in a traditional retail store.



by Karl Forth karl.forth@ccimedia.net

In MakeDirect's view, furniture is taken from its original makers to the market by a chain of agents, importers, wholesalers and retailers. Everyone adds their own markup, and consumers pay a much higher price than they have to.

MakeDirect says that it cuts out the middleman (or woman), so no more importers, exporters, distributors, and even no more retailers.

The idea isn't new. There are other web sites that offer furniture and other custom items, but these are generally high-end, low-volume handcrafted items. The idea is to link a custom furniture manufacturer in, say, Maine, with a buyer in Florida. The buyer and seller would never have connected by accident or even by design.

One of my favorite sites like this is www.etsy.com, which casts a wider net that includes all kinds of manufactured and crafted items, collectibles and housewares. A recent search for "wood" returned 428,000 items.

MakeDirect is a little different in that it is based on volume manufacturing and keeping prices low.

A recent check of the web site, www.makedirect.com, showed many outdoor wood items: an outdoor wood bench for \$89, a small outdoor wood table for \$61, a curving rocking chaise lounge for \$137, and an outdoor hardwood armchair for \$36. There were also indoor wood furniture pieces such as a wood bedroom nightstand for \$253, and a hardwood queen bed for \$215.

#### **Weekly orders**

According to the company, MakeDirect's founders have a strong background in manufacturing with such well-known names as Target, SkyMall, Amazon, Costco and Overstock.

Production for MakeDirect works like this: every seven days all orders received by the group are put into production. Only products that have been ordered in quantity will be manufactured. The goal is to ensure consistency and lower manufacturing costs.

The group reports that it will also work with small retailers to import directly from overseas sources.

For more information, see www.makedirect.com. <



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\*KCD Software ranked #1 in a 2012 Design Software Survey of the Cabinet Makers Association.









## **QUICK CUTS**

## Thermwood creates YouBuild business model for cabinetmakers

Thermwood Corp. (www.thermwood. com) has created a new program called "YouBuild," a business model that provides a path for cabinetmakers with Thermwood CNC routers to easily address the huge home and office furniture market.

On the new website, www.YouBuild. com, customers can view unique designs for home and office furniture and closets that can be customized, available in four real wood species, finished or unfinished: walnut, maple, oak and cherry. The wood, specially made for YouBuild by Columbia Forest Products, is formaldehyde-free and available in any quantity through local Home Depot stores under a special order program.

Manufacturing is done locally by cabinet shops or "YouBuild Cut Centers" who participate in YouBuild. Each Cut Center has its own area within the YouBuild website to guote and accept



The YouBuild program helps customers create custom cabinetry with designs like the EZ Closet.

orders online YouBuild Cut Centers access CNC programs online, using their CNC machined control, and then cut and edgeband parts that were ordered. Customers can assemble themselves, using unique joinery, or they can have the Cut Center assemble for them.



YouBuild designs like the Man Cave model can be customized in four wood species.

Because Cut Centers are not required to do any design or programming, the Cut Centers can establish Retail Dealers and Retail Design Centers, independent individuals and businesses to promote and sell YouBuild products, receiving a commission on orders sold.





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## **QUICK CUTS**

## Biesse to exhibit woodworking machinery at IWF 2012

Biesse S.p.A., a producer of machinery and systems for processing wood, glass, stone and other materials, with its North American subsidiaries Biesse America and Biesse Canada, announced that the

companies will participate in IWF 2012 in Atlanta, taking place August 22-25.

"Biesse has decided to exhibit at this edition of IWF due to the tangible signs of recovery we see in our industry," said Federico Broccoli. President and CEO of Biesse America and Canada.

Biesse will showcase many new product ranges focused on flexibility, productivity and lower operating costs, as well as innovative "green solutions" that benefit customers by reducing energy cost and consumption. Product specialists will be in the Biesse exhibition booths to educate and explain the latest trends and technology designed to reduce set up time and increase productivity in a low-batch environment.

"Our booth will be ready with many 'all new' CNC machines," said Broccoli, "as it's important for our customers to get reconnected with the latest flexible and technologically advanced solutions required to become more competitive and generate more profit in this totally new market."

For more information about Biesse at IWF. contact marketing@biesseamerica. com or call 704.357.3131.

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## **WMMA** hires new management, moves offices

The Wood Machinery Manufacturers of America (www.wmma.org). a national trade association for makers of machinery, cutting tools and supplies for the woodworking industry, will now be managed by Stringfellow Management Group.

Stringfellow Management Group staff who will be serving WMMA are: Fred Stringfellow, executive director; Diane Schafer, director of meetings; Laura Izzo, member services coordinator; Mary Helen Sprecher, director of marketing & communications; Amy Chetelat, director of finance; and Barb Signorelli, finance manager.

New contact information for WMMA headquarters is: 2105 Laurel Bush Road, Suite 201, Bel Air, MD 21015, phone 443.640.1052.

## Freud's Laminate Saw Blades Radically Cut Downtime

Freud offers blades specifically designed for cutting laminated material to provide the highest quality finish while lasting longer! This unique line of laminate cutting panel saw blades feature Freud's exclusive TiCo<sup>TM</sup> Hi-Density Carbide for super clean cuts with virtually no chipping on either top or bottom surfaces and specialized Silver I.C.E. (Industrial Cooling Element) coating to reduce heat and deliver longer cutting life.

Our customers report:

# 25% INCREASED PRODUCTION!

"...gained 10 hours of production time"

User estimates by switching to Freud they have gained 10 hours a week in production time normally lost to saw blade changeovers.

59 changeovers at 10 minutes each=590 minutes.

## 16X MORE LIFE!

"...it was amazing; we went (to) one blade cutting for two days compared to 16 blade changes with our old brand"

User changes blade when cut quality drops and went from 16 blade changes with competitors to 1 with Freud blade.

## 30% FASTER FEED RATE!

"increased output over 30%"

User went from 70% feed rate to 100% with a Freud blade while maintaining cut quality.

## *NO MORE YELLING!*

"...We went from yelling to have a conversation at the point to where the cut line is to speaking at normal volumes to the operators"

User went from 110 decibels to 86 decibels with a Freud blade.

Quotes taken from FDM Magazine article "Saw blade cuts downtime".

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# Allergic reactions to wood; building a large tabletop



Choosing a non-destructive, non-pin moisture meter to measure walnut.

We have some concern about allergic reactions in wood. Can you perhaps tell us more about this?

Wood consists of cellulose (cototon), hemicellulose and lignin (the glue and stiffener that holds the wood together). These probably are not cause for concern when it comes to allergies. However, most woods also have a variety of chemicals within the wood cell, such as the root beer odor from sassafras, the cedar smell (gerbil aroma) from eastern red cedar, the resinous smell from pine, and the chemicals that give white oak, cedar and cypress its natural decay resistance. It is these chemicals that may cause some allergic problems.

Technically speaking, many species of wood have chemicals called quinones or lapachols. The amount of chemical varies from tree to tree. As an example, a 1956 report by Sandman and Barghoorn about teak allergies states, "Local races of teak and even individual trees vary greatly in desoxylapachol content. Indonesian natives have long distinguished three grades of the wood, the poorest being liable to cause skin irritation." So, an allergy from one species may show up over time or at random times, as the chemical composition of wood does apparently vary from tree to tree.

In general, it is the dust of many North American species of wood, as well as many foreign woods and especially foreign woods that have silica in them, that can cause breathing problems and also contact dermatitis (especially in sweaty

areas of the body). Further, a few woods have a reaction similar to poison ivy, probably caused by chemicals in the sap.

As different people have different allergic reactions to an allergen, it is possible to see a variety of reactions, although the "far out" reactions would be extremely rare. Obviously, with a wood contact issue similar to poison ivy, if one touched the wood and picked up some noxious oils and then touches other sensitive areas on one's body, the reaction could show up in those areas that were touched. In the case of a severe reaction, the body will become so confused that medical attention will be needed.

As different people have different allergic reactions, it is possible to see a variety of reactions.

I am planning to build a large dining room table, about 10 x 3.5 foot. I have some 2 inches x 8 inches x 12 feet Honduras mahogany (beautiful pieces) I plan to use. I will glue them up, edge to edge. I have questions:

- 1. Is this project feasible or advisable?
- 2. What adhesive should I use?
- 3. What about the table frame?
- 4. How much will the table top expand or contract in width?
- 5. How do I finish the ends and top to prevent cracking and warping?

You have certainly asked some key questions. My answers would be best given over a cup or two of coffee,

Want more? To search a full list of **Wood Doctor's Rx question** and answers, go to www.CabinetMakerFDM.com

as there are many fine points I could discuss and even follow-up questions that you might have. Here is a start.

- 1 and 3. The project is certainly feasible, but if you have any moisture change, especially if top and bottom of the table change differently due to unequal finishes and moisture properties, you can expect warping. Further, it is very important to have a frame for the tabletop that allows the top to move as some moisture change is unavoidable. We can expect moisture from 6 percent MC in the wintertime to 9 percent MC in the summertime in many locations (that is 30 percent RH to 50 percent RH). Depending on the mahogany that you have, shrinkage and swelling with moisture changes is half as much as oak; true mahogany is indeed quite stable.
- 4. As an example of the amount of movement, if we assume that the wood changes by 3 percent MC and that it is flatsawn Honduras or true mahogany, then the wood will move about 0.4 percent, which is under 1/4 of an inch for a 3.5 foot wide table. The length will not change at all.
- 2. You need to use a top-of-the-line adhesive. If you properly prepare the wood, the joint will be 1.5 times stronger than the wood. I would use a quality pva or pur adhesive. You do not need the more expensive versions that are designed for outdoor

- exposure. You need to follow proper procedures, which is true even for the most expensive adhesives, to achieve strength greater than wood.
- 5. The key to a finish, in addition to looking good and being non-polluting, is that it have good resistance to moisture vapor movement. Today, we might consider several coats of polyurethane. In any case, avoid a permeable finish--one that does not form a film or thick coating. I cannot give you more information on finishing, as that is not my field of expertise.

Let me know what further questions you may have.

The key to a finish is that it have good resistance to moisture vapor movement.

Can you please suggest a non destructive/non pin moisture meter to check walnut core moisture, the thickness of walnut would be 10/4 or 60 mm?

I do not know of any practical • technique for measuring the core MC except for the pin meter or the destructive oven-drying tests. Note that you can use nails instead of pins with the meter and you will get the wettest MC along the length of the pin.

If you are concerned about the needle holes, you might try putting a few drops of water in the hole after you withdraw the needles. As you squished the fibers when you drove the pins, the water will cause the squished fibers to swell back to their original shape and fill the hole almost perfectly. <

Gene Wengert, "The Wood Doctor," is president of The Wood Doctor's Rx, offering on-site training and manufacturing analysis. He has over 40 years of experience in our industry. E-mail questions welcome.



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# **Smoothing bumps** along the road to lean

It's normal for companies to encounter obstacles in the lean journey.

I want to share more of the lean transformation process at the cabinet shop in Canada described in the last article. Rather than continuing to refer to the owner as the CEO. I will call him Brad for the remainder of this series within a series. Brad sent me an email before the second visit stating that the business had been experiencing some major peaks and valleys since I left and that they were woefully behind in completing the list of tasks I expected the staff to work on during my absence. He wanted to know if their situation was unique or if I had encountered bumpy starts before. I smiled as I read his impassioned note because their situation was indeed normal. Smoothing out the periodic bumps in the road to a successful lean transformation is one of my jobs as the coach, mentor, and Sensei for change.

Based on what Brad shared in the email, I wasn't expecting to see much progress so I was pleasantly surprised upon arrival. One of the tasks that should have been completed was implementation of the first three steps of the first 3Ss of the Goal Line Sheet from The 5S Pocket Guide by Jim Peterson and Roland Smith, Ph.D.

#### **Organizing tools**

It was obvious that the assembly area, although not yet complete, had been improved significantly through the initial 5S effort. I didn't get the camera out fast enough to capture the "before" picture of the assembly area, but you can see by the before and after pictures of the shadow board that



After the organization was done, the shadow board for tools is much less crowded and contains just the tools necessary for that area.

**#** Online only: To read more on lean, search for archived Jim Lewis columns at www.CabinetMakerFDM.com

a significant number of unnecessary items were removed from the area. The main difference behind the elimination of so many tools from the work area is explained below, but basically it boils down to the level of involvement in defining what tools, fixtures, equip-

ment, etc. are necessary to success-

fully perform the assigned tasks.

It isn't unusual for a CEO to micromanage the initial attempt to implement lean principles in a vacuum and impose his perception of change on the staff while thinking that he is doing the right thing by improving the process without interrupting production. However, the CEO is the least qualified person to implement change in areas outside of his own workplace because he is too far removed from the target process.

## **Bottom up change**

In this case, Brad set-up the "before" shadow board in the assembly area and included every tool that was in the shop rather than just those required in assembly. That resulted in needed items being stored in locations farther from their intended point of use, and it imposed a requirement on the assembly staff to maintain and account for tools and accessories that someone else might be using elsewhere in the plant. Note that the case clamps are stored on a wall some distance from the bench. Since every cabinet requires several clamps the assembly person had to make multiple long-distance trips to obtain them and then return them.

In contrast, the new shadow board was developed by the two assembly people with an emphasis on retaining only those tools, etc. that are needed in assembly with locations based on frequency of use. As you can see in the during picture, the assembly staff not only removed excess tools, but a





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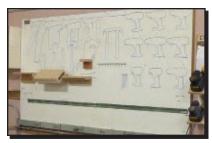
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#### ♣ ROAD TO LEAN



Before the initial 5S Workplace Organization effort, the CEO had created a shadow board in the assembly area that held every tool, whether it was needed for that area or not.



During the organization process, the actual assembly team culled the tools to just those they actually need at their work station.

number of the items that were removed were malfunctioning so they served no useful purpose anyway.

#### **Team-based approach**

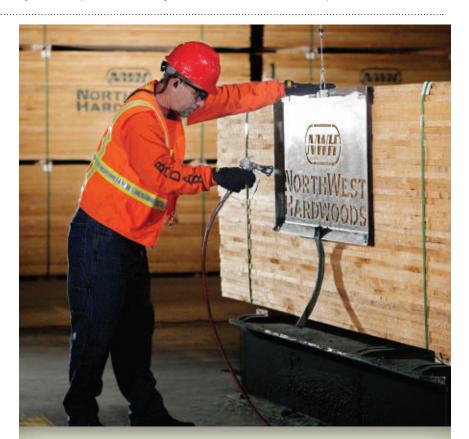
There were two barrier-breaking outcomes from the initial Workplace Organization initiative in the assembly area that are worthy of highlighting because they demonstrate how Extreme 5S - Workplace Organization on Steroids applies to the broader scheme of things. By documenting the current assembly process we were able to sort through all of the steps and separate necessary tasks from unnecessary tasks and also assess how two disconnected steps - door and drawer assembly - could be blended into the existing steps to create a team-based assembly operation. The dynamics of a team-based process that captures the synergy and energy of two people working together disproves the equation that 1 + 1 = 2. In a team-based process the

real output is 1 + 1 = 3.

For instance, when one person was assembling cabinets using bar clamps he was continually walking from one side of the lift table to the other side fitting parts together and getting and setting clamps. With two people working together one person is working on one

side of the cabinet while the other person works on the other. They also assist each other clamping and unclamping the cabinets. Co-locating door and drawer assembly with the cabinet assembly process creates continuous flow and eliminates excess material movement and operator motions.





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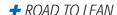


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See us at IWF, booth 5052



## **Improving throughput**

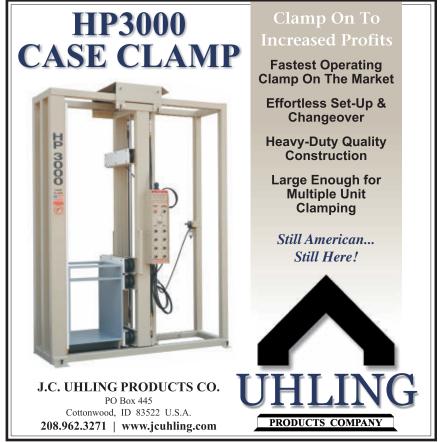
After separating the necessary steps from the unnecessary ones, we looked at the process prior to assembly to see if any of the unnecessary steps could be blended into that operation to better balance the work content and improve throughput. We discovered one of the Seven Deadly Wastes - Waste Arising from Time on Hand, or Waste of Waiting on an Automated Process - at the CNC operation, which is the internal supplier to assembly. Some of the cabinet parts require lengthy machine cycles at the CNC, so the operator experienced recurring idle time. Among the assembly steps that were deemed unnecessary were doweling and drawer slide attachment.

Although those steps are necessary for building a quality cabinet, they both required additional part handling and interrupted the smooth flow of work through assembly. Both of those process steps were rolled back to the CNC operation and are now done during the time the operator is waiting on the machine.

The two improvements that were implemented as a result of applying 5S thinking on a wider perspective have resulted in more than doubling the average output from assembly without increasing staff or adding any new technology. The two-person assembly team believes that they will continue to increase throughput as they meld together and fine-tune their operation.

Jim Lewis has worked in the furniture industry for more than 30 years with a special emphasis on facilitating the transformation to the Lean Business Philosophy. He is an independent lean business consultant, author, and writer. Jim's most recent book, "Story of a Lean Journey," chronicles the journey of one company through the lean transformation process. The book is available through the Society of Manufacturing Engineers (SME. org), and amazon.com









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## **QUICK CUTS**

## Cabinet Makers Association elects 2012-13 officers

The Cabinet Makers Association (www.cabinetmakers.org) has announced its new officers for the 2012-13 year, selecting Tracy Yarborough

of Maple River Woodworks in Coward. S.C.. to serve as president.

Yarborough has been a longstanding volunteer member on the CMA board and received a Wood Diamond award in 2011 Charles Kurak of

C. Kurak Custom Woodworking Inc. in Amelia Island. Fla., was elected as vice president. Kurak has served as an at-large member of the board for several years and as CMA's webmas-

Joe Knobbe, of Exclusive Woodworking in Waukegan, III., and immediate past CMA president, will serve as CMA secretary; and Brian Dirks,

> of Cabinet Designs LLC in Jamesport, Mo., was elected to serve as treasurer.

Also serving on the CMA's volunteer board of directors as members at large for 2012-13 are the following CMA members: Frank Cmeila,

C&C Millworks Co. Inc.: Scott Comstock. Woodperfect Custom Cabinetry; Keith Kreppein, Olde Saratoga Millwork; and Dave Grulke, executive director, who will continue in his role as managing day-to-day operations.

## Superfici America offers paint robot models for finishing

Superfici America, through a partnership with Kawasaki Robotics, now offers seven explosion-proof painting robot models for any robotic painting line, from a onerobot paint cell to complete multi-robot integrated finishing systems. All models in the K-Series line are suited for hazardous environments, such as spray painting.

The K-Series Robots can be provided as part of a custom or pre-engineered finishing system. Hollow-wrist versions of the K-Series robot arms can be fitted with internal hoses to minimize overspray that adheres to the piping. The inner diameter of the hollow wrist is either 40mm or 70mm. Superfici America also now offers high-payload long-reach material handling robots for all Kawasaki Robots.





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According to John Schultz, of Super Thin Saws and other members of the board of directors of the Wood Machinery Manufacturers of America (WMMA), the timing is ideal to invest in American ingenuity and technology. And the opportunities to view the latest in technological advances from American woodworking machinery manufacturers will be abundant this summer in Atlanta when IWF 2012 opens its doors to the public. All throughout the recessionary downturn in the U.S. economy, American machinery manufacturers have continued to innovate, enhance and perfect. Now, as the economy shows signs of recovery, the technological advances are ready to help woodworking professionals make their manufacturing operations more productive, more efficient, and globally competitive.

The upcoming International Woodworking Fair 2012 is going to be a beehive of energetic discussions between woodworking companies and machinery manufacturers. To assist you in preparation for this significant event, check out WMMA member's products online at www.wmma.org/productguide/producthome.cfm.







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A book for bookkeeping

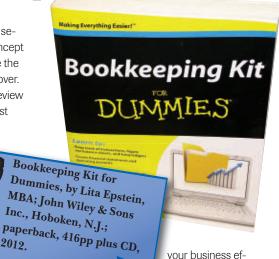
I've always thought the For Dummies series of books was just an insulting concept to begin with, no matter how valuable the information under the bright yellow cover. So, when I was offered a chance to review Bookkeeping Kit for Dummies, I almost gave it a pass, but I'm glad I didn't.

Written by Lita Epstein, MBA, this thorough book provides a great introduction to bookkeeping targeted specifically at what a small business owner would want to know. The book speaks to both the business owners who

want to do their own books as well as the ones who want to hire a bookkeeper but want to have a better understanding of the process than just turning information over to the bookkeeper.

Right from the start, the author talks directly to the kind of small business entrepreneur I know so well from custom woodworking operations all across the country. These people typically got into woodworking because they like making things out of wood, not because they had plans to get rich quick. And most of them have little or no formal business training and less interest in that than in what they can do with a new saw blade. Epstein sets the tone for that kind of reader right away:

"Like most business people, you probably have great ideas for running your own business and just want to get started. ... Well, slow down there - this isn't a race! If you don't carefully plan your bookkeeping operation and figure out exactly how and what financial detail you want to track, you'll have absolutely no way to measure the success (or failure, unfortunately) of



by William Sampson will.sampson@ccimedia.net

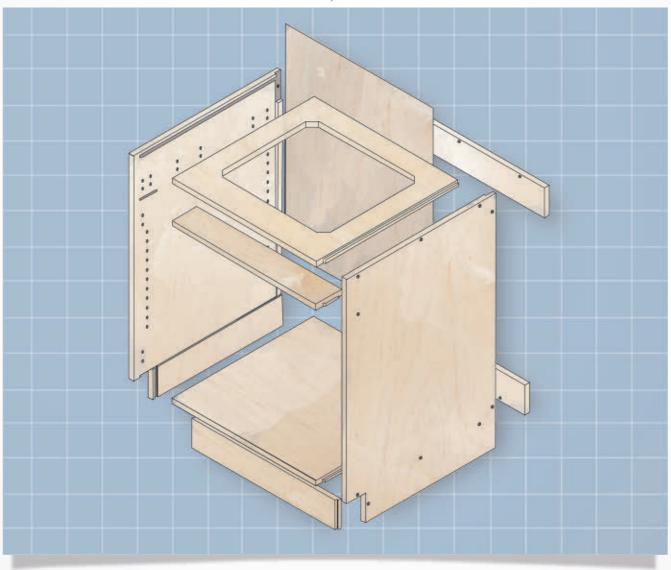
She goes on to cover bookkeeping basics, choosing accounting methods, and understanding basic accounting terms such as assets and liabilities. There are sections on keeping records and instituting internal controls, how to use bookkeeping tools to manage better, and how to check your work. Of course, there's a good discussion of preparing financial reports and basic tax filings. Finally, there is a CD included with free software and files to help with your bookkeeping and accounting.

forts."

Much of the book is based on use of QuickBooks Pro, which is by far the most commonly used bookkeeping software program in small businesses, including woodworking shops. That should make the information in the book even more accessible. For some, this will be too basic and for others it will be a lot more than they were prepared for, but it serves as a great general reference especially for the business training impaired woodworker. <

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# **Designing** a

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## niche in the cabinet dealer market

Florida cabinet manufacturer offers quality and a wide selection of colors and styles at affordable prices, 100 percent for the dealer market.

Designers Choice Cabinetry's niche is quality and affordability. "We build a beautiful cabinet, and you get a lot of bang for your buck", says company CEO Jim Murfin.

The Rockledge, Fla., company makes kitchen cabinets, vanities, and closet cabinets for the dealer market.

"In working with the dealers, an order is received, we then send them a confirmation," Murfin says. "The confirmation is returned, then the job is scheduled, built, and shipped."

Murfin started the business in Central Florida more than 30 years ago with a partner. It was called Atlantic

## At a glance

**Who:** Designers Choice Cabinetry

Where: Rockledge, Fla.

What: Cabinets, vanities, closets for the dealer market

**Employees:** 92

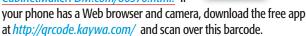
Plant size: 93,000 square feet

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One of three Biesse Rover point-to-point machines in the Florida cabinet plant.

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Cabinets. The business model today was built from Atlantic Cabinets by selling to dealers.

"The difference is that we manufacture over 50 percent of our cabinets here at our manufacturing facility but like our dealers, we also sold wood cabinets made by major manufacturers at that time," he says. "We also sold directly to builders and homeowners through a dealer/customer base."

Designers Choice Cabinetry evolved as its own manufacturer serving Florida 18 years ago, growing so fast that Atlantic Cabinets was sold within a few years.

"Today, the smaller mom-andpop cabinet shops that manufacture cabinets are selling cabinets made by others," Murfin says. "The major manufacturers came to them and convinced them to sell their cabinets already made at a cheaper cost then they could manufacture them for.



Preparing parts for the custom-built miter machine in the shop.

## **Auction action**

"We had a lot of good retired equipment that we did not use anymore, and we sold it through Ex-Factory Auctions this year and got \$40,000 for it," Jim Murfin says. "It went through an online bid process and we were able to get top dollar for it."

#### ♣ DESIGNING A NICHE



## Fire warning

Designers Choice is outfitted with a Disa dust collection system. A fire accident in July 2011 burned a portion of the building. A machine operator on the Komo router had set the parameters wrong, causing embers. The operator tried to put it out without telling anyone, but the embers had already made their way into the dust collection system. The dust collection system has since been outfitted with Flamex spark detection equipment which is designed to put out fires before they reach the baghouse. Sprinklers were installed inside the baghouse to cover any embers or sparks that may have traveled that far.



Providence Sundance Cherry black glaze is shown to good effect in this attractive closet design offered by Designers Choice.

"Today, the large majority of our dealers offer a line of cabinets made in China. I know of seven different companies in Florida that import containers of "knocked down" cabinets made in China," says Murfin.

### **Door styles**

At Designers Choice Cabinetry, 85 percent of doors are solid wood with maple, cherry and oak as the most common species, and 15 percent are veneer. In addition, an Almex Thermolaminator is

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Production is tied to assembly. The face frame and wood door departments are scheduled to work four days in advance of assembly, prep department three days, and finishing department two days. The company buys mouldings outside, but makes rails in house. There are 92 employees working in the Rockledge operation, with a total square footage of 93,000.

The company has two Biesse Selco panel saws, one an EB100 and the other a WN600. Holzma Optimat HPP 380 panel saw, one Rover 321, two 322s, and a 346 point-to point machines built by Biesse, a Weeke 350-SP point-to-point, Komo router, Homag edgebander, and Brandt Optimat KD94 edgebander. Also here is a Diehl ripsaw, Mereen Johnson gang ripsaw, two Koch dowel insertion machines and Doucet clamp carrier. The company developed a Miter-Mite VN4

custom made machine for miter door assembly.

#### **Programming easier**

For programming and optimization products, Kacy Sindel, director of quality and engineering, says that Cim-Tech software has made programming easier.

Router-Cim is used on the Komo router to optimize MDF sheets that are later used in the thermofoil process. Any cabinet components that could be cut on a saw can now be cut and drilled on the Komo

Cim-Tech is used to program door styles, cabinet components, and foil





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#### ♣ DESIGNING A NICHE

doors. Komo is the only machine used for nested-based manufacturing. Using Cim-Tech's specific software and g-code optimizes use of this machine. Pattern Systems is also used for optimizing on the saws.



Komo router used to cut MDF pieces for foil doors benefits from Router-Cim software.



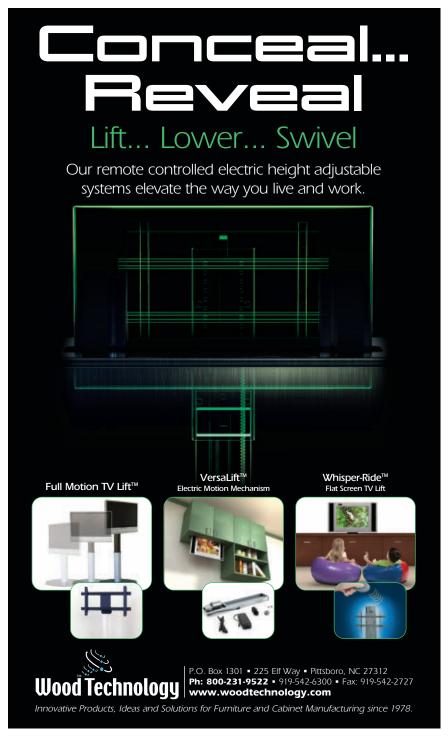
Solid wood doors, frames and components get a lot of attention.

The finishing room can produce more than 1,200 pieces a day with four finishing booths and two Cefla Falcioni Kleenspray flatline finishing systems.

"We are using regular conversion varnish, priming, painting, sealing, and topcoat," Murfin says. "Our finish department supports a second shift, while other departments run on a split shift.

"Our recent machine purchase of a point-to-point has increased our horizontal drilling capability. We will be adding a new dust collection system soon. We are in the process of moving our door department to the rear of the building to ensure more linear flow in our process. "We have made quality control our number one issue. We were having color matching issues. With the addition of a chemist to our production staff, it's no longer an issue.

"We are constantly introducing new products, adding 20 new foil colors, five new decorative melamines, and a dimensional board from Sweden. We always want to keep improving. You're never to the point you want to be," Murfin says. <





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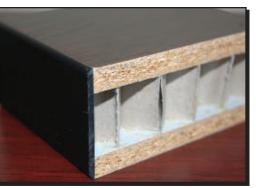
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New study followed up an initial survey on lightweight panel use and perceptions in 2008.

Lightweight panels (panels made of two thin panels on the outside and a lightweight material in the core) can offer enhanced performance, reduced material use, and new design opportunities over traditional types of panels. Opportunities exist for the adoption of lightweight panels by the secondary wood industry in North America, as 62 percent of respondents to a recent survey described here indicated that they would seriously consider using such panels in their products.

Products such as RTA furniture, store fixtures, and office/hospitality/contract furniture seem to hold the most promise for lightweight panels according to survey respondents. Overall, respondents remained somewhat neutral in their perceptions of lightweight panels, although there was somewhat strong agreement with the notion that companies could experiment to work with lightweight panels using current machinery and with current personnel.

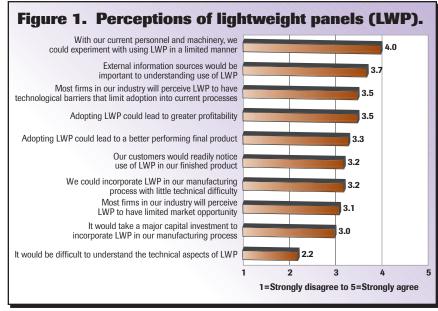
Compared to the results of a similar survey in 2008, some of the greatest challenges for wider adoption of lightweight panels continued to be negative attitudes associated with the strength of hardware and component attachments. However, lightweight panels performed relatively well on the important attributes of machineability, consistent dimensions, and ability to take surface materials.

#### About the study

This Internet-based survey was conducted in February and March of 2012

# Lightweight panel usage,

Lightweight Panel Study 2012: Perceptions and usage by North



Respondents were asked to indicate their level of agreement with several statements assessing their perceptions of lightweight panels.

with CabinetMaker+FDM subscribers, including an initial invitation and two follow-up reminder emails. A total of 81 responses were received, although the number of responses for some individual questions was lower (the lowest number was 50). Responses were received from companies in 31 states (California, Indiana and Virginia had five or more responses each) and four provinces. The questionnaire was nearly identical to one administered in a similar study with FDM subscribers in 2008.

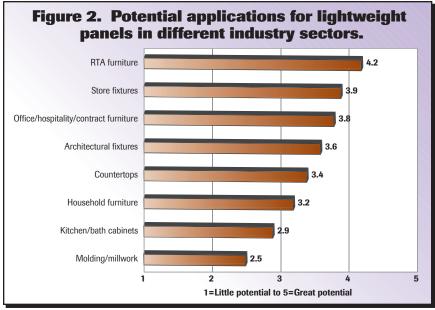
Most respondents held positions in corporate or operating management within their respective firms (34 percent), or were company owners (22 percent). Responses came primarily from the kitchen/bath cabinets industry (21 percent), the furniture (household, office, hospitality, and contract) industry (27 percent), and the architectural fixtures industry (14 percent).

For the 2012 study, another segment with significant representation was store fixtures (11 percent). Compared to the 2008 study, companies producing store fixtures were relatively more numerous, and cabinet companies were less numerous. About 59 percent produced products at a medium-to-high to high price point, while another 33 percent produced at a medium price point. Almost half of respondents (47 percent) used a combination of solid wood and wood composite materials to manufacture their products, while another 39 percent used mostly wood composites or engineered materials in their manufacturing processes. Nearly 23 percent produced RTA (ready-to-assemble) products.

Over 40 percent of the respondents had 1-19 employees, and another 17 percent had 20-49 employees. However, 31 percent had 100 employees or more (this represented a difference from the

# acceptance grow: Survey

American wood products manufacturers.



RTA furniture, store fixtures and office/contract furniture topped the potential applications for lightweight panels, according to the survey.

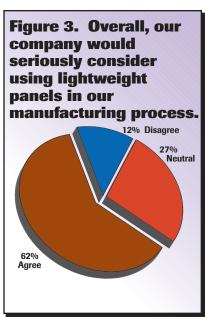
2008 study, where just 22 percent of respondents had 100 employees or more). Most respondents (54 percent) had sales between \$1 and \$10 million in 2011, and 8 percent had sales of less than \$1 million. This is somewhat different from the 2008 study, when 44 percent of respondents had sales of less than \$1 million and 34 percent had sales of \$1 million-\$10 million.

Lastly, 39 percent of respondents reported that their companies currently use lightweight panels in at least some of their products, which was an increase over the 22 percent indicating lightweight panel use in the 2008 study; this is perhaps a function, in part, of the greater number of larger-sized companies participating in the 2012 study, as well as the higher proportion of store fixture companies represented. It also might indicate increased interest in lightweight panel technology.

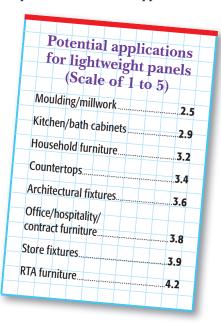
#### Perceptions and usage of lightweight panels

Respondents were asked to indicate their level of agreement with several statements assessing their perceptions of lightweight panels, and the results are shown in Figure 1. For many of the statements listed, respondents were somewhat neutral as indicated by mean responses at or slightly above the scale mid-point of 3.0. The strongest agreement came for the statements that companies could use lightweight panels in a limited capacity with current personnel and machinery, and that external information sources (for example, suppliers, other firms, universities, and consultants) would be important to understanding the use of lightweight panels. These two statements also were the highest rated statements in the 2008 study.

The only statement for which there



Most respondents would consider using lightweight panels while only 12 percent did not see an application.



was broad disagreement was that it would be difficult to understand the technical aspects of lightweight panels, which also was the lowest

#### + LIGHTWEIGHT PANFI USAGF

rated statement in 2008.

Analysis of specific attributes associated with lightweight panels revealed several perceived strengths and weaknesses for the product. As shown in Table 1, respondents were first asked to rate the importance of several attributes to their purchasing decisions for composite panel products generally, such as particleboard and MDF. This way, a baseline was established as to the importance of the attributes for more traditional panel products. Then, respondents were asked to rate the extent to which they perceived lightweight panels to possess those same attributes.

Respondents rated the attributes: light in weight - lighter finished product for consumers/installers; light in weight - easier handling for production workers; ability to take veneer/other surface materials: and consistent dimensions as the four attributes most highly associated with lightweight panels. Competitive price was rated the lowest, suggesting that lightweight panels are perceived to be relatively expensive.

When ranked to show relative importance (Table 2), the results show how lightweight panels are perceived to perform on the most important attributes. Lightweight panels were perceived to perform well on the important attributes of: ability to take veneer/other surfaces; consistent dimensions; machineability; availability of full-sized panel sheets; and consistent quality between orders. Several of these attributes also scored favorably in the 2008 study.

Conversely, lightweight panels exhibit less favorable perceptions by secondary wood products manufacturers in terms of the important attributes of strength of connection to other components, strength of hardware connection to panel, ease of attaching hardware, and to a lesser extent ease of connecting panels to other components. Relative rankings on these attributes emerged as similar con-

Respondents reported what they perceived as positive and negative characteristics of lightweight panels.

Table 1. Importance of attributes to purchasing decisions for composite panel products (particleboard, MDF, etc.) and extent to which lightweight panels are perceived to possess those same attributes.

Attribute	Importance to composite panel purchases (average) <sup>1</sup>	(rank)	Lightweight panels possess (average) <sup>2</sup>	(rank)
Important attributes				
Strength of connection to other components	4.51	1	3.15	12
Consistent quality between orders	4.46	2	3.58	7.5
Machineability	4.45	3	3.67	6
Strength of hardware connection to panel	4.41	4	2.96	16
Availability of full-sized panel sheets	4.34	5	3.58	7.5
Consistent dimensions	4.30	6	3.92	4
Ability to take veneer/other surface materials	4.29	7	4.02	3
Ease of connecting panels to other components	4.26	8.5	3.19	11
Ease of attaching hardware	4.26	8.5	3.02	15
Less important attributes				
Strength of panel	4.21	10	3.48	9
Competitive price	4.19	11	2.82	17
Ease of edgebanding	4.13	12	3.12	13
Consistent density	4.04	13	3.69	5
Light in weight – easier handling for production workers	3.36	14.5	4.27	2
Light in weight – lighter finished product for consumers/installers	3.36	14.5	4.29	1
"Greenness" or environmental friendliness	3.35	16	3.37	10
Availability of pre-cut panel sizes according to cut lists	2.21	17	3.06	14
<ol> <li>Scale anchored by 1=Not at all important to 5=Critically important.</li> <li>Scale anchored by 1=Possess to a small extent to 5=Possess to a great extent.</li> </ol>				

Survey respondents indicated criteria for purchasing lightweight panels and if they were perceived to have those traits.

#### Table 2. Perceived performance of lightweight panels on attributes important to purchasing decisions for composite panels.

Possession by lightweight panels High Low Ability to take veneer/other surfaces Consistent dimensions Machineability Availability of full-sized panel sheets Consistent quality between orders Strength of hardware connection to panel Strength of connection to other components Ease of attaching hardware Importance Ease of connecting panels to other components Light in weight for consumers/installers Light in weight for production workers Consistent density Strength of panel Competitive price Availability of pre-cut panel sizes Ease of edgebanding "Greenness" or environmental friendliness



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cerns in the previous study and suggest perceptual hurdles remain for lightweight panels in these areas, particularly in terms of connection strength.

Lightweight panels were perceived favorably in terms of weight (not surprisingly) and consistent density, even though these were not rated as important for composite panels generally. However, as noted below, lightness can be an important advantage in many applications, and this attribute might not be directly comparable to traditional composite panels generally.

Respondents were asked to indicate the potential for use of lightweight panels in several specific industry sectors, and results are shown in Figure 2. RTA furniture showed the greatest potential, followed closely by store fixtures and office/hospitality/contract furniture. The lowest potential was indicated for moulding/millwork, which scored well below the scale mid-point. Kitchen/bath cabinets scoring just slightly below the scale mid-point.

In a write-in follow-up question asking for other potential applications for lightweight panels, some respondents mentioned ceiling panels and transportation-related uses such as aircraft, marine and RV. Others indicated trade show fixtures due to the advantages associated with lighter weight when transporting such products frequently and over long distances. Such advantages also likely help explain the high rating for RTA furniture, while design considerations (e.g., thick dimensions) likely play an important role in the high rating for store fixtures.

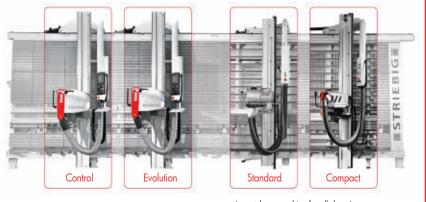
Lastly, respondents were asked to indicate their level of agreement with the following question: "Overall, our company would seriously consider using lightweight panels in our manufacturing process." As shown in Figure 3, a sizable majority was in agreement (62 percent) which was higher than indicated in the 2008 study (54 percent). Only about 1 out of 10 respondents disagreed with the statement.

#### **Survey summary**

Based on the results of this study, the use of lightweight panels increased compared to a similar study conducted



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#### **Perceptions of** Lightweight panels

It would be difficult to understand the technical aspects of LWP... It would take a major capital investment to incorporate LWP in our manufacturing process... Most firms in our industry will perceive LWP to have limited market opportunity. 3.1 We could incorporate LWP in our manufacturing process with little technical difficulty... Our customers would readily notice use of LWP in our finished product..... Adopting LWP could lead to a better performing final product......3.3 Adopting LWP could lead to greater profitability... Most firms in our industry will perceive LWP to have technological barriers that limit adoption into current processes... **External information sources** would be important to understanding use of LWP. With our current personnel and machinery, we could experiment with using LWP in a limited manner....

in 2008. However, it is not clear whether this reflects a real increase in use or if this is a function of different survey samples as compared to the study in 2008. The current study was comprised of larger companies and more companies producing products favorable for use of lightweight panels (e.g., store fixtures). A higher proportion of respondents also indicated that their companies would seriously consider using lightweight panels in their manufacturing processes compared to the previous study. However, some of the concerns expressed in 2008 remained in 2012; in particular, attitudes were not favorable concerning the strength of

Urs Buehlmann is with the Dept. of Sustainable Biomaterials, Virginia Tech. Matt Bumgardner is with the USDA Forest Service.

hardware and component connections. There are opportunities for companies to experiment with using lightweight panels, as there was general agreement among respondents that this would be feasible with existing machinery and personnel. While respondents indicated that external information sources are important to

understand the use of lightweight panels, respondents did not think it would be difficult to understand the technical aspects of lightweight panels. Respondents also indicated that the greatest industry potential for lightweight panels was in the RTA furniture, store fixtures, and office/ hospitality/contract furniture sectors. <



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The ideal solution for cabinet and closet manufacturers, the Skipper V31 was designed specifically for efficient "batch one" manufacturing. With panels handled vertically by an automatic gripper, the need for pods and rails has been eliminated resulting in ZERO set-up time, increased productivity and a reduction in errors and scratching. The Skipper V31 delivers flexibility and increased production at an attractive price! For more information, contact Jason Varelli at 704.307.6416 or email



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# is almost here

Make sure that the biggest woodworking tradeshow is on your August calendar.

North America's largest woodworking industry trade show, the International Woodworking Fair, is coming fast, and if you haven't already, now is the time to plan for this important industry event. It runs August 22-25 at the World Congress Center in Atlanta.

A recovering economy and new energy in the industry promise to make this year's IWF show significantly improved. This year's IWF features hundreds of exhibitors, including a number of key players who were absent in previous shows, and tens of thousands of square feet of exhibit space.

But all the excitement isn't just on

Seminars and symposiums featuring top industry experts are a big draw at the IWF show.

the show floor. For many people, the most important part of the show is the extensive educational

offerings. Cutting-edge new products will be spotlighted and honored. Top furniture and cabinet design students will display their work and compete for prizes. And when you're not at the show, there's lots of exciting attractions in the Atlanta area to entertain you and your family.

#### **CMA** certification program debuts at IWF

IWF 2012 is the site for the Cabinet Makers Association's first expanded live sessions for its new CMA Professional Certification Program. Two types of sessions make up the programming. Curriculum sessions contain required knowledge to pass testing. CEU sessions are electives. Those enrolled for certification are required to earn 4.0 CEUs per year and to pass applicable testing. You do not need to be a CMA member or enrolled in our certification program to attend any

> of these sessions. However. if you want any credits from these sessions to apply toward your future CMA professional certification,

An improving economy has attracted many exhibitors back to the show to present new innovations.



Hundreds of exhibits will attract thousands of attendees at IWF 2012 in Atlanta August 22-25.

> you must enroll and pay CMA program fees within one year from the date of the session. You are not required to be a CMA member to become CMA certified. however, the program offers substantial discounts to CMA members on session and program fees.

Topics include marketing, pricing, insurance, lean manufacturing, sales, wood properties, and more. Additional details about the CMA certification program are available at http://cabinetmakers.org/certification.html or stop by the CMA booth #1336 with your questions and comments.

#### **Symposiums and stand-alones**

Long known for the high-value education sessions it offers, IWF this year is offering wide-ranging sessions on an extensive array of topics. And to maximize education options, programs are organized in both multi-class symposiums and single stand-alone sessions.

All of the programs and sessions feature top experts from throughout the woodworking, furniture and cabinet industry. That gives you face-to-face contact with a level of expertise you might not be able to find easily in your home town.

Several daylong symposiums are set for August 21. They include workshops on finishing, door and window manufacturing, countertop fabrication, and the custom closet business. If you don't have time for a full-day symposium, there are dozens of stand-alone sessions that typically run about 90 minutes during the show. They encompass a wide range of topics from sales and marketing to



#### Latest technology

A record 22 finalists have been announced by the IWF Challengers Award judges. Sixty-five companies entered 80 new products for the 2012 Challengers Award. "The judges previewed the entries and determined 22 new products from 21 companies have risen above the competition. We're not doing this for publicity, it's 110 percent legitimate to have 22 finalists based upon the quality of the entries," commented Riccardo Azzoni IWF 2012 chairman and president of Atlantic Machinery Corp. based in New Milford, Conn.

"The quality of the products entered made it difficult to choose 20 finalists. Because of the innovative products that were entered the IWF Executive Committee decided for the first time in the Challengers Award Competition history to have 22 finalists. The investment these companies have made into research and development for the industry should be rewarded. Everyone in the industry will benefit from not only the 22 finalists products but also from the 58 products that were entered into the competition but were not named finalists." added Richard A. Campbell, IWF 2012 Challengers Award committee chairman.

#### Student designs compete

Another popular attraction at IWF is the Design Emphasis student competition, which returns to the International Woodworking Fair for 2012 in Atlanta. The competition offers design students an opportunity to demonstrate their talent and originality before a judging panel of furniture industry designers, manufacturing and retail executives, and members of the trade press who have design-oriented backgrounds.

Participants also get a chance to experience an international industry trade show, make important career contacts and exchange ideas with other students from around the nation.

Nearly 50 finalists from schools all across the country will compete for the final awards.

#### **Other Atlanta attractions**

One of the additional benefits of attending IWF 2012 is the number of other attractions in the Atlanta area to see when you aren't at the show. There are a number of new restaurants, including Alma Cocina (Mexican and Latin American specialties) and White Oak Kitchen and Cocktails, (Southern cuisine).

If you bring the family along, check out the expanded Georgia Aquarium, which opened a multi-million dollar dolphin exhibit. Dolphin Tales includes a viewing gallery, interactive displays and a live theatrical show incorporating dolphins and live actors.

Another family-friendly venue is the newly opened Legoland Discovery Center. This highly interactive and educational indoor experience features a range of play areas, a laser ride, a 4D cinema and an exhibit designed of Lego's to reflect the Atlanta skyline.

For more information about IWF 2012 or to register, go to www.iwfatlanta.com. <



When you're not at the show, check out other Atlanta attractions, such as the newly expanded Georgia Aquarium.







# How would you price these jobs?

Participate in our annual Pricing Survey to help give the industry a more realistic picture of pricing custom work.

All of the upheaval in the economy over the last few years has thrown a huge monkey wrench into the not-so-smoothrunning machine that was the process of estimating, pricing, and bidding custom woodworking projects. If custom shops were confused and frustrated about pricing before the economy tanked, they were doubly so as they tried to keep above water in the depths of the recession. That makes participation in this year's Pricing Survey especially important.

How do you make sure your prices are both competitive and profitable? How can you get some idea about what other shops charge for similar work?

These are the kinds of questions that the Pricing Survey helps you to answer. And participation also helps inform your own estimating process.

#### **How it works**

Since 1997, the Pricina Survey has been the only tool in the industry to try to compare pricing for custom woodworking projects such as kitchens, built-ins, custom furniture, and commercial cabinetry. The survey uses real projects done by real shops and makes the bidding specifications available to professional woodworking businesses all across the country. They "bid" on the projects as if they were real jobs in their own shops. Then we print the itemized results in the magazine so you can compare.

Itemized categories in the survey include shop rates, construction hours, finishing rates, finishing hours, install



**project:** This project featured an extensive array of built-ins, all done in a white paint finish. They included cabinets, drawers and shelves on adjoining walls of a bedroom plus a mantelpiece with space for a television plus cabinets and display area next to it.

> rates, and install hours. We ask about materials costs and design fees. There's also information about software and CNC use that helps you see what technology does to pricing. And all of this information is organized with state or province locations, so you can try to draw some regional conclusions if applicable.

#### **Participation crucial**

But all of that information is meaningless unless there is maximum participation from shops across North America. Certainly it takes some time to study the bid package, calculate your numbers

#### Don't delay!

Bid deadline is August 24. Check out the six great projects in this year's survey. You can download the 2012 Pricing Survey Bid Package from www CabinetMakerFDM.com/86787.ht

and submit your bids, but virtually every shop that has participated in the past has reported it was a valuable exercise that further informed their own pricing process.

You can download the 2012 Pricing Survey Bid Package from www.Cabinet-MakerFDM.com or we are happy to mail a hard copy to you at your request. Just send an email to will.sampson@ccimedia.net or phone 203.207.0025. You can return your bids by email, standard mail or fax. <



**Lighted bar cabinet:** This nice bar cabinet project brings the new technology of LED lighting to the forefront to provide a distinctive custom look. The original shop made this for an existing customer and did not have to compete in a bidding process, so they anxious to hear what other shops would charge for such work.

**Senior center community room:** This was an extensive commercial cabinet project involving all four walls of a senior center community room. There are all sorts of built-in cabinets, shelves and even window seats that all are designed to provide an inviting atmosphere for social activities and events. While it's a commercial project, it has more of the feel of a residential library, and shops that do residential work might be interested in pricing this job to see how they compare with more commercial-oriented shops.





**Dorm furniture:** As work for new home construction disappeared in the recession, many shops explored other areas for work. This is one such example involving a project to produce dorm furniture. It involves a desk, wardrobe and captain's bed. And when bidding think about the opportunities for multiples and scaling the work for this and other projects.



**Board room table:** This is a corporate showpiece project that would challenge many a shop. The circular sectioned table was designed for corporate board room and was built in maple solids and veneer. Figure the angles while you figure your price.

#### **Contemporary kitchen:**

Kitchens are always popular in the pricing survey, and this one has a lot of interesting features that we hope attract bidders. The contemporary design was done as a frameless project, but face-frame shops could achieve a similar look with full-overlay doors. A very interesting feature is a pass-through section that has cabinets and counters on both sides as sort of a butler's service area.





# California moves to regulate table saw safety

Bill proposes to ban the sale of most table saws unless they are equipped with flesh-sensing technology.

Lawmakers in California are scheduled to vote later this month on final passage of a bill that would require most table saws sold in the state to have fleshsensing safety technology. Currently only the SawStop brand saws meet the standards set forth in the bill.

Invented by Stephen Gass of SD3 in Tualatin, Ore., the SawStop saw was developed to prevent workers from suffering serious injury or amputation from their saws. A bill introduced by California State Assemblyman Das Williams (D-Santa Barbara) would mandate that this technology be used on all saws with blades of 12 inches and smaller that are sold in California.

#### "Active injury mitigation"

The Table Saw Safety Act, AB 2218, introduced February 24 would ban manufacturers from selling new table saws in California unless "equipped with active injury mitigation technology." such as SawStop. The bill passed the State Assembly by a 64-4 margin and moved ahead in the State Senate on July 3 on a 3-to-2 vote from the Senate Judiciary Committee. The bill is expected to go before the full Senate in late August.

When SawStop introduced its groundbreaking technology some years ago, woodworkers were amazed to see how the unit works. The blade carries an electrical signal that changes when flesh is detected. Within milliseconds. the blade stops, and an aluminum brake springs into the spinning blade, which

To see a video from the California Assembly about the table saw safety bill, go to http://www.sawdustsoup. com/video/state-assembly-considers-



table-saw-safety-legislation. If your phone has a Web browser and camera, download the free app at <a href="http://qrcode.kaywa.com/">http://qrcode.kaywa.com/</a> and scan over this barcode.



Assemblyman Das Williams introduced a bill to require fleshsensing safety technology on table saws sold in California.

dives below the table, and power to the motor is shut off. Proponents of the device say a lot of injuries could be prevented. But major retailers like Home Depot, Lowe's, and Sears, and manufacturers such as Stanley Black & Decker Inc., Makita USA Inc. and Skil Power Tools have announced opposition, joining forces with The California Chamber of Commerce in the fight.

Opponents object to the cost to install the technology and the cost to users if the device is falsely triggered. The blade brake is a single-use device and costs \$69 to replace, not to mention the cost of the saw blade, which is typically ruined by the braking action.

"We feel that (cost) is more than made up for by the medical costs we would

#### What do you think?

We want to hear what CabinetMaker+FDM readers think of this issue. Do you own a SawStop? Has it saved you from injury? Is it worth spending a couple hundred extra to avoid the potential pain, suffering and medical expense of a serious injury or amputation? Should state or federal regulations require this technology? Go to this story at www.CabinetMakerFDM.com to add your comments or join the discussion at www.sawdustsoup.com.

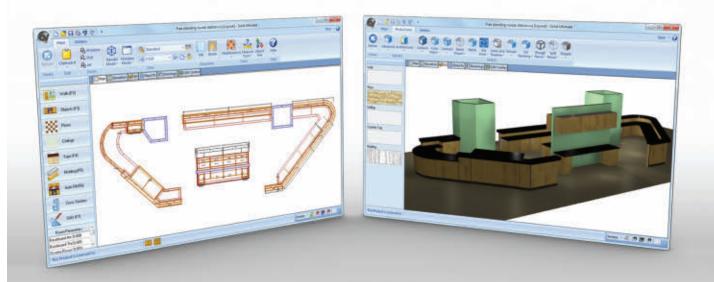
save by not having tens of thousands of fingers cut off," Assemblyman Williams said. The other issue with the bill is that since this is only mandated in California, saws without the technology could still be sold in 49 out of 50 states. However, the common perception is that if California requires it, manufacturers will change their products to meet the California standard rather than selling two products or abandoning the California market.

#### **Lobbying effort**

The LA Times reports Gass paid thousands of dollars to lobbyists and politicians in an effort to get the bill passed. In the last couple of months, Gass' company has given political contributions of \$46.400 to 21 Democrats and

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#### 

half a dozen key Republicans, according to the LA Times. In May, he gave Williams, the bill's author, \$2,500.

"It seemed like a long shot, but it seemed like the right thing to do," Gass said. While lawmakers claim that there is

no mention of a specific brand of "active injury mitigation technology" to use when complying with AB 2218, Gass has put in place so many patents on his technology, 37 to be exact, that the cost of manufacturers to replicate it would put their businesses at risk.

"This is about legislating market

#### **★** Want more?

To see a review of the SawStop saw and demonstration of its technology go to www.CabinetMakerFDM. com/5582.html and www. CabinetMakerFDM.com/5583.

share and attempting to create a monopoly," said a spokesman for the Power Tool Institute, a Cleveland trade group, in a letter to the members of the Senate Judiciary Committee and Assemblyman Williams. "What's more, adding fingersaving sensors could boost table-saw prices by hundreds of dollars per unit."

SawStop's contractor saw starts at \$1.599. Lowe's in Southern California sells contractor saws from other manufacturers starting at \$149.

#### **Compared to car air bags**

Many woodworkers are strong advocates for the SawStop technology. John Bueti, a woodworking instructor at Thacher School in Ojai, Calif., has had a saw with this technology in his classroom for the past 8 years, according to a press release from Williams' website.

"I can walk away from the saw and leave the students to work independently on it and can be assured that they won't be injured," he said. "I could not do this previously because of the inherent risk posed by conventional saws. This provides my students with a much richer experience and frees me up to work with other students, making my time much more efficient." Bueti said.

"It's like having an airbag in your car," said Steve Sligh, owner of Sligh Cabinets in Paso Robles. "You don't treat the saw any different, but it's something that should be standard in manufacturing."

Sligh knows firsthand the cost of a saw accident. About 20 years ago an employee of his lost several fingers in his shop. After learning of the table saw safety technology at a trade show he was among the first to use the advancement.

"I just think it is wonderful technology," Sligh said. <



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# Four things to know about wood waste processing

Strategy and planning are involved for efficient. wood waste processing.

You know the saying: One man's trash is another man's treasure. We are of the opinion that your trash should not be another man's treasure. It should be yours! Wood waste processing can be a profitable and an environmentally sound venture, but a certain amount of strategy and planning is involved. Here are four things to consider when choosing the best option for your operation.

Shredder size matters The shredder that best meets the needs of your operation should take into account the amount of scrap, the time frame in which it's produced, as well as the size and shape of the wood waste itself. If your operation produces waste like nested-based skeletons or rippings, it is likely that you could benefit from a horizontal shredder. In the event that you produce scrap in the form of drop-offs, cut-offs, end cuts, from a continuous operation or a batch fed operation, a hopper-fed shredder is likely the machine for you.

It's also important to know how small you'd like your grindings to be. Choosing an appropriate screen size makes all the difference in how finely your wood is shredded. If your goal is to briquette your wood waste or create animal bedding, you could opt for a smaller screen. If you intend to air convey, a 1-inch screen is ideal.

**Location, location** A shredder is a huge investment for even the largest of operations. But what if we told you that the location alone of a shredder can pay for itself? Locating a



Weima shredders were used to process wood waste generated at AWFS Fair in Las Vegas.

shredder near the waste stream can help eliminate labor costs and create a commodity that can put money back in your bank account. If the distance between the waste stream and the shredder is too great, the potential for profitability decreases.

A lumber producer in rural Pennsylvania has assembled a system that feeds directly from their waste stream. A combination of end-cuts and drop-off are conveyed through their operation directly to a Weima WLK6S, where the scrap is shredded continuously throughout the day. This hands-off approach to wood processing is efficient, economical, and environmental.

Set realistic goals Selecting the shredder that is right for your operation really comes down to this: It is important to have set goals and to know them well.

Ask yourself these important questions:

- > Do you handle your waste multiple times before discarding it?
- In the process of waste removal, are you charged by weight or do you pay by the truckload?
- > What if you could reduce the number of loads you send out in a month by half? Or maybe more?
- > Do you have the capabilities to use your

- waste for fuel (boiler, furnace, etc)?
- Do you plan on selling your ground wood waste?
- Do you have a buyer that requires a specific size of wood grindings in order for them to purchase from you?

It is important to ensure the company supplying your size reduction machinery knows your goals and is able to help you reach them in the best way possible.

A little maintenance goes a long way Shredders are heavy-duty ma-

chines designed to process some of the toughest applications. It would be easy to consider them large and self-sustaining beasts, and this is almost true. Shredders require very little maintenance in the grand scheme of things. But like any machine, they still require a bit of time and attention to keep them performing optimally.

For example, a shredder will still perform with dull knives, but not as well. Rotating and replacing a shredder's knives will yield more consistent throughput over time, and routinely changing the oil every two thousand hours will help you maintain this long-term investment. <

Information provided by Weima America Inc.



### **OUICK CUTS**

#### Auctions on eBay can benefit WoodLINKS

WoodLINKS is now able to accept donations from eBay Auctions through the eBay Giving section of any Ebay auction.

"This started when WoodLINKS tried to raffle off a "Dream Shop" for woodworkers on a nationwide raffle," says WoodLINKS's Rick Hill. "We soon found out that the varying state laws on raffles made it impossible to do a nationwide approach. Now we can broaden our auction items and times from a one-time raffle to a percentage of sale of any eBay auction."

A percentage of money designated from the auction goes to WoodLINKS, which allows them to continue with their programs. Any company or person that wants to auction off products can designate a portion of their proceeds to be donated to WoodLINKS under the eBay Giving section of the auction, Hill says. When placing an item for sale on eBay, the seller is asked if they would like to donate a portion of their sale to a charity. The seller picks WoodLINKS from the list of charities on the eBay Giving section and then chooses what percentage they want to donate, from 1 to 100 percent. When the auction ends the total amount of the proceeds (minus the donated percentage) is sent directly to the seller. See www. woodlinksusa.org/ for more information.

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#### HGTV designers unveil their

Designers Samantha Pynn and Laura Fowler renovated a 40-year-old cottage for HGTV's Summer Home. Pynn revealed to the National Post and Canada.com her and her partner's dos and don'ts for kitchens.

She said it drives them both crazy when cabinets do not extend to the ceiling. "Fill them in," says Laura. She said that cabinets look built-in when they extend to the ceiling.

'There's no reason to suffer with a dust-bunny-collecting space." she said. "nor the cluttered look of baskets and books. Plus, the custom look is easy to get, even big-box stores sell filler."

Pynn also said that you don't have to spend a fortune renovating a kitchen if it is extremely outdated and unavoidable. The custom cabinets in the cottage kitchen were spray painted and installed for less than \$6,000 by Cartier Kitchens (cartierkitchens.com).

More advice she gave in the article was when pulling together your cabin-

#### Cabinet demand to reach \$15.3 billion in 2016, new study finds

U.S. demand for cabinets is forecast to rise 8.2 percent annually to \$15.3 billion in 2016, according to a new study from the Freedonia Group.

Growth in cabinet demand will be driven by a rebound in housing completions from a depressed 2011 base. Although housing completions will remain below the level reached at their cyclical peak in 2006, the expected recovery will fuel gains in the residential market, which accounts for the largest share of cabinet demand, the study notes.

Kitchen cabinets, which accounted for more than four-fifths of 2011 demand. will see the fastest growth, with demand boosted by design trends that call for homes with more and larger cabinets.

Demand for bathroom cabinets is forecast to grow 6.5 percent per year to \$1.8 billion in 2016. Demand for other

cabinets, such as those found in home theaters, laundry rooms, home offices and other areas, is expected to reach \$950 million.

Through 2016, demand for cabinets

in the nonresidential market is anticipated to advance 6.5 percent annually to \$2.8 billion. A full copy of the study may be obtained at www.freedoniagroup.com.



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#### tips for renovating kitchens

etry plan, remember to gable the fridge. "Inexpensive stainless steel fridges

have black bodies - they're not meant to be seen," Laura says. These small details will give you a luxe look."

For the kitchen, they removed a cabinet under the stairs to make room for the fridge. Pynn said a fridge butted against the stove does not look luxe. Moreover, the heat from the stove can force your fridge to work harder, decreasing energy efficiency.

Cartier Kitchens suggested they double the size of the peninsula by adding cabinets to the work side and the public side of the kitchen. The large peninsula not only has double the storage space, but also double the work and serving space.

They are also big believers in using the same type of flooring throughout an open-concept space or keeping different flooring materials like ceramic, vinyl and wood, the same color.

This is especially true when you're short on space.

## HARDWARE PRODUCTS



#### Accuride 3600 heavy-duty slide series

Accuride's 3600 heavy-duty slide series offers full extension, includes a holdin detent and carries loads up to 200 pounds. This non-disconnecting slide is designed for drawers up to 42 inches wide, available in lengths of 12-28 inches in a clear zinc finish. The slide can be used for drawers and trays, bulk storage bins or pullout shelving units, in applications where heavy drawers are not intended to be removed from cabinets

562.903.0200

www.accuride.com



#### **North River Mint** cabinet knobs, pulls

North River Mint offers approximately 300 designs of cabinet knobs, pulls and hooks. The company says all of its decorative hardware is handmade in the U.S. of lead-free jeweler's metal, in antique bronze or antique pewter patinas.

> 858.705.6606 www.northrivermint.net



#### Vauth-Sagel multi-level drawer

Vauth-Sagel's 150-mm-wide multi-level drawer is a full-length drawer equipped with a one-sided guide and integrated 3D front panel assembly. Three versions are available in the basic configuration with 90-degree front panel assembly, as well as a version offered with two solid shelves and a 45-degree front panel assembly. Surface finishes include chrome or various powder-coated colors.

www.vauth-sagel.de

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with 400+ lumen output per foot. Designed for a range of applications, including kitchen counter tops, retail displays, furniture cabinetry, ceiling coves and commercial lighting, available finishes include bronze or aluminum, and cool white (4200K) and warm white (3000K). The lightbar measures .5 inches deep by .75 inches wide, available in five lengths: 6, 12, 24, 36 and 48 inches.

800.686.6672 www.noralighting.com



## Illinois Lock Co. plastic cam lock PC634

Illinois Lock Co. offers a plastic cam lock (PC634) featuring a glass-filled nylon barrel and plug. The lock is available in black and includes eight tumbler double-bitted keying, offering 50 codes. Either nut or clip mounting is available, in a range of straight, formed or hook cams.

800.733.3907 www.illinoislock.com

#### Nora Lighting LED Lightbar Plus

Nora Lighting's LED Lightbar Plus is a 24V LED linear fixture



#### Grass America Inc. Tiomos hinge system

Grass America Inc. offers the Tiomos hinge system. Divided into three movement dimensions, the hinge system has a depth adjustment in the range of +3 to -2 mm, a height adjustment range of +/-2.5 mm, and an overlay range of +/-2 mm, with limit stop. The hinges have an integrated soft-close function.

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#### **Doug Mockett & Co. casters**

Doug Mockett & Co. casters, models CA56 and CA57, are available in eight colors: white, black, blue, gray, blue, red, green, fuchsia and orange. Casters are available on either a polished chrome or



metallic silver base with plate or stem mounting options. CA56 has a brake and CA57 has no brake.

> 800.523.1269 www.mockett.com



#### **Moz Designs Weave Wall**

Moz Designs' Weave Wall, part of the Easy-To-Assemble Series, is a series of undulating metal ribbons in a versatile array of sizes, patterns and colors. Fabricated from 80 percent post-industrial recycled aluminum with clear finished aluminum metal cross bars, Weave Wall earns LEED credits (2.0 MR Credit 4 -Recycled Content). Weave Wall ribbons are available in four standard widths from 20 inches to 36 inches wide and four standard lengths from 42 inches to 144 inches long.

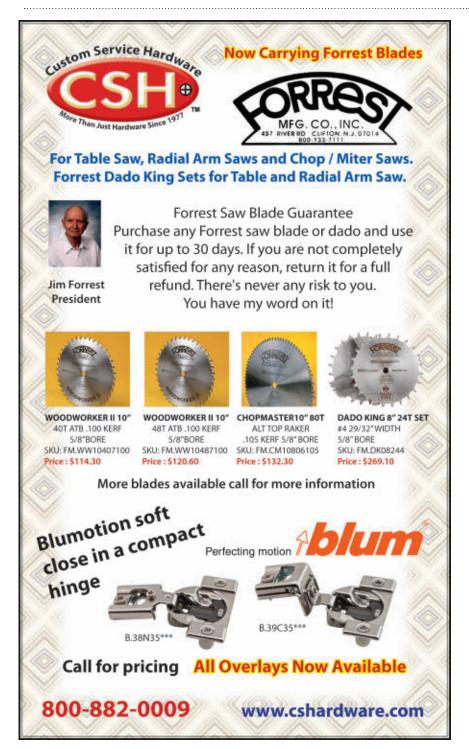
> 510.632.0853 www.mozdesigns.com



#### Millennia Technologies Inc. **LED lighting**

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> 800.654.1786 www.fjmsecurity.com



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> 800.631.8375 www.outwater.com



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> 704.841.7810 www.saliceamerica.com



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> 317.462.4477 www.hangerbolt.com

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#### HARDWARF PRODUCTS

#### **Hardware Resources** double cutlery drawer

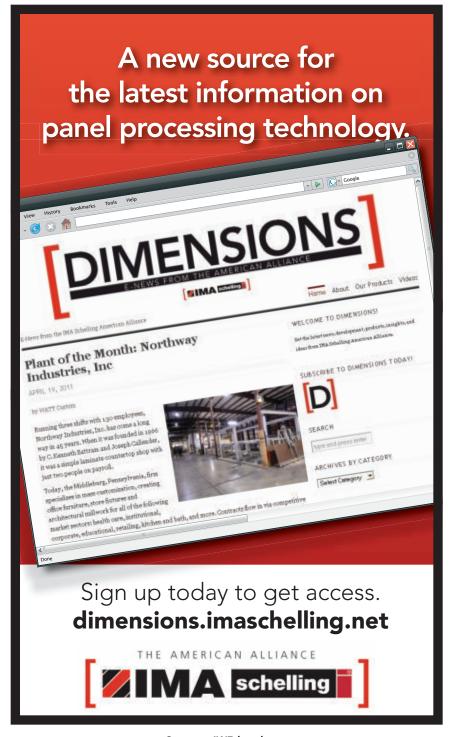
Hardware Resources offers a preassembled, push-to-open double cutlery drawer. The drawers have 1/2-inch prefinished solid maple dovetail drawer



sides and 1/4-inch prefinished birch ply bottoms. The drawer is 21 inches deep, 4 6/13 inches high and available in three widths: 11 1/2 inches, 14 1/2 inches, 17 1/8 inches and 20 1/2 inches.

800.463.0660

www.hardwareresources.com





#### **Blum Inc. Compact Blumotion** concealed face frame hinges

Blum Inc. offers Compact Blumotion concealed face frame hinges. The series of hinges is available for both full and partial overlay applications. The face frame hinges have the Blumotion soft close mechanism integrated in the hinge cup. The compact hinges are available in Blum's standard boring pattern and in cup depths as little as 11 mm.

> 704.827.1345 www.blum.com



#### Boker's Inc. non-standard star washers

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#### HARDWARF PRODUCTS

#### **Rockler Woodworking and** Hardware shop stand drawer kits

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tered space beneath shop stands into a full bank of neatly organized drawers or pullouts. Each kit is installed using only a few basic tools and includes all the hardware necessary for one drawer. The kit has four vertical pilasters and two horizontal slide brackets. enough to install one drawer, and they are available in either 18-inch or 24-inch depths to fit 32-inch Rockler adjustable multi-function shop stands (60749).

> 763.478.8201 www.rockler.com



#### **Custom Service** Hardware Inc. InvisiDoor

Custom Service Hardware Inc. says its production hidden door, the InvisiDoor. can be used to conceal a seldom used room, create a hidden safe room or turn a door into a functional storage and display area. The door is made from premium plywood and domestic hardwoods, the company says. InvisiDoor is sized to fit standard 36-inch door openings and can be hinged left or right, as an inswing or outswing. It has one fixed shelf and three adjustable shelves with a recommended weight limit not to exceed 50 pounds.

> 262.375.7960 www.cshardware.com

#### **Panelsert Expansion Inserts**

Expansion Inserts from Panelsert are made in the USA, won't stain doors and are silicone-free, the company says. Customers can order online for free shipping and will find sizes for every door, according to Panelsert.

> 888.686.7876 www.panelsert.com

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#### HARDWARF PRODUCTS

#### **Berenson Corp. Inspired Design** series Puritan Collection

Berenson Corp.'s Inspired Design series includes the Puritan Collection of decorative hardware, inspired by fashion and shapes that are geometric, folded and draped. The



collection consists of twelve pulls and four knobs, available in an assortment of sizes

including 69 mm, 128 mm and 3 inches. Finishes include brushed nickel, brushed tin, verona bronze and polished nickel.

716.833.3100

www.berensonhardware.com



#### **Woodcraft Supply LLC stylus kits**

The Wall Street II Ballpoint Pen and Stubby Soft Touch Stylus kits from Woodcraft Supply LLC feature a soft-touch silicon stylus tip to protect touchscreen products. Both kits come in either gold or chrome, and offer body choices of wood, acrylic, mokume metal, laser-cut inlay and deer antler blanks for turning.

> 800.535.4482 www.woodcraft.com



#### **Colonial Saw Lamello Clamex P** detachable connector

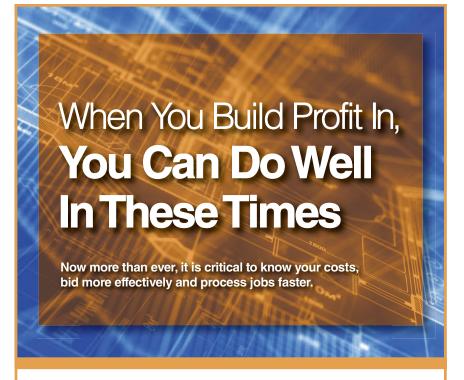
The Lamello Clamex P biscuit shaped connector system from Colonial Saw Inc. allows users to quickly create nearly invisible ready-to-assemble connections. Made from rugged fiberglass reinforced plastic, with a metal cam lever, Clamex P can join any miter angle without the use of glue or screws, according to the company. The fastening system provides a strong interlocking connection for more frequent installations and disassemblies, the company says.

> 781.585.4364 www.csaw.com

#### **Quickscrews International Corp. Brass Hinge Screws**

Quickscrews International Corp. offers Brass Hinge Screws in Antique (5867) and Bright Brass (6088) finishes. The screws are a #6-by-5/8 Phillips Flat. They are sold in packs of 1,000.

> 800.743.6916 www.quickscrews.com





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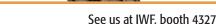
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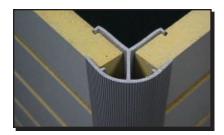


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#### **Walls and Forms Inc. CubeConnects**

CubeConnects from Walls and Forms are offered in matte black, designer white. natural almond and dove gray colors. CubeConnects are offered in 72-inch and 96-inch lengths, in 180-, 135-, 45-, 90- and sharp 90-degree angles. The company says the connectors are ideal for assembling 3/4inch panels into cubes of various shapes.

972.745.0800

www.wallsforms.com



#### **Fulterer USA Inc. VS Eco Liner** waste bin pull-out system

Fulterer offers the VS Eco Liner for waste disposal and recycling. The lid acts as a pull out shelf for additional storage space for cleaning supplies. The unit features three-way adjustable door mounting brackets. It has a capacity of 125 lbs.

> 336.431.4646 www.fultererusa.com



#### Hettich America L.P. ball bearing runners

Ball bearing runners from Hettich America L.P. work with steel balls in

precision profiles. The Silent System soft-closing mechanism provides a rotary damper that evenly reduces forces. The system works more or less independently of drawer loading and allows furniture manufacturers to design fronts without handles, according to the company.

> 800.777.1772 www.hettich.com

#### Amba Products SLICK stainless steel sliding door system

Amba Products says its SLICK sliding door system has stainless steel components with a smooth, quiet movement and smoothgliding Barn door hardware. Each door has a capacity of 220 pounds. Designs are available for both glass and wood doors.

404.350.9738

www.ambaproducts.com



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#### **SCM Group North America** Gabbiani CUBO panel saw

The Gabbiani Cutting Unit Batch One CUBO from SCM Group North America is a panel saw with two routing units. The CUBO can be incorporated in a Mahros loading-unloading system controlled by Easy Plan and production wastes/quantity of the off-cuts can be reduced by using Rolling Software with the panel saw, the company says. The panel saw is available with cutting lengths of 3,200 mm, 4,500 mm and 5,600 mm, in widths of 2,200 mm and 2.440 mm.

> 770.813.8818 www.scmgroupna.com



#### Stiles Machinery Inc. Holzma panel labeling system

Stiles Machinery Inc. offers a Holzma panel labeling system and feed stacking table with integrated in-feed. The saw's program fence is equipped with clamps that can be raised and lowered. The panel labeling system can be used as an add-on stand-alone solution on all Holzma saws and can also be retrofit

> 616.698.7500 www.stilesmachinery.com

#### **Laguna Tools IQ CNC router**

Laguna Tools' IQ CNC router is a smaller version of the company's SmartShop

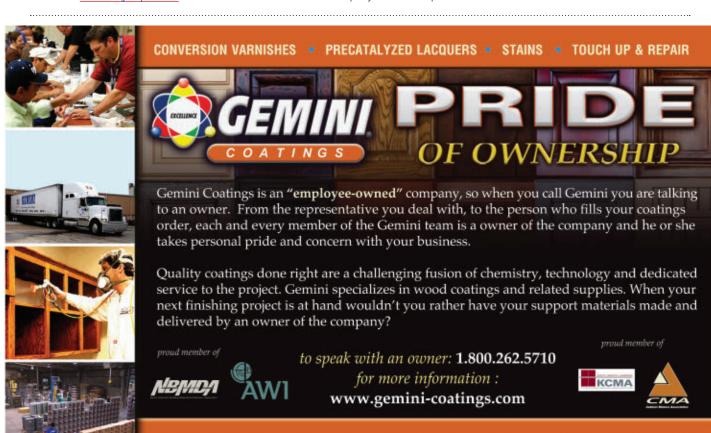


technology. Two machines are available: the IQ HHC and the IQ Pro with a touchscreen interface. Each has a 36-by-24-4-inch working envelope and 2hp liquid-cooled spindles.

> 800.234.1976 www.lagunatools.com

#### **KCD Software Door Plus software**

KCD Software's Door Plus software is a design and manufacturing software especially for door and drawer box manufacturers. Created for both



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traditional and CNC manufacturing, Doors Plus' technology allows for more product diversity, customization and efficiency with order entry, product entry and specification capabilities. A SMART Template Generator can also create custom templates, tool paths and more.

> 508.760.1140 www.kcdsoftware.com



#### **Rockler Woodworking and Hardware Click-N-Carve CNC** routing machine

The Click-N-Carve from Rockler Woodworking and Hardware is a user-friendly, compact CNC routing machine that turns digital input into detailed carvings. Two models are available: the base model. BE2015, dimensions of 8.7-by-6.3-by-2.5 inches, and the BE3030 model with dimensions of 11.8-by-11.8-by-4 inches and a more powerful motor. Both models come with accessories including a USB cable and controller, silicone work mat, four clamps, two tungsten carbide carving bits, eight sample acrylic workpieces and a how-to video.

> 763.478.8201 www.rockler.com

#### **Sata Spray Equipment SATAminijet 1000 K**

Sata Spray Equipment offers the SATAminijet 1000 K pressure-fed gun for spray finishing. This lightweight pressure/siphon-fed gun designed for the wood industry can be connected via double diaphragm pumps, pressure pots



or plural component systems, and can also be adapted to a new vented RPS Siphon Cup System for use as a siphon gun. The SATAminijet 1000 K is available in HVLP (high volume low pressure) and RP (Reduced Pressure).

> 507.346.7776 www.satausa.com





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#### PRODUCTS



#### Sylka Inc. wood furniture

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> 877.990.8254 www.sylka.ca

#### **Grizzly Industrial Inc. T10499,** T10500 portable blade welders

Models T10499 and T10500 portable blade welders from Grizzly Industrial Inc. are capable of cuts, welds, anneals and



grinds for bandsaw blades .02 inches to .035 inches thick. These blade welders are ideal for creating your own blades from bulk stock or, if cutting enclosed, making internal cuts. Model T10499 operates on 115V power and model T10500 operates on 230V power.

360.647.0801

www.grizzly.com

#### **Lean Enterprise Institute lean** manufacturing app

Lean Enterprise Institute offers a lean manufacturing app for iPad and Android tablet. The app lets users draw A3s, type and insert pictures from the shop or office floor, and has a built-in email feature for sharing A3s with colleagues. A lite version of the app comes with one A3

template or a full version of the app comes with all templates available as well as added templates.

> 617.871.2900 www.lean.org



#### **Oliver Machinery edgebanders**

Oliver Machinery's line of edgebanders is ideal for medium to high production shops with configurations including pre-milling, corner rounding, buffing, edge scraping and grooving. For thin or soft PVC up to 2mm, Oliver uses a guillotine style cut for the front and rear end cuts. For thicker tape or tape over 2mm, the machine uses saw blades for the end cuts

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#### PRODUCTS



#### Thingamejig Precision Tools P/L ThingamejigScribing Tool

Thingamejig Precision Tools P/L offers the ThingamejigScribing Tool with a tungsten carbide blade instead of pen or pencil. This height-adjustable tool has a triangular shape for scribing into internal corners and is made of anodized aluminum. The tool comes with a foot pad cover, an allen key, three tungsten carbide blades, a protective case and an instruction booklet

> 61.418.726.797 www.ThingamejigTools.com



#### Knaack Mfg. Co. 4-way skids

Knaack Mfg. Co.'s 4-way skids provide forklift access from all sides and an easy method of attaching casters. The 4-way skids are made of 7-gauge steel with a bolt/nut fastener system.

> 800.456.7865 www.knaack.com

#### **Diamond Machining Technology** 8-inch DiaSharp Bench Stone

The 8-inch DiaSharp Bench Stone from Diamond Machining Technology sharpens a variety of tools and edges. The Bench Stone is available in all six DMT diamond grits, including Extra-Extra Coarse for rapid stock removal and



waterstone flattening and Extra-Extra Fine for fine polished edges of bonded diamond abrasives.

> 800.666.4368 www.dmtsharp.com

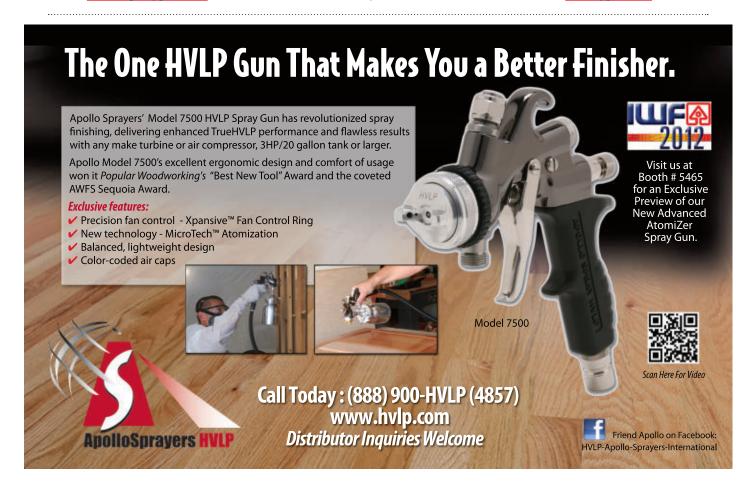


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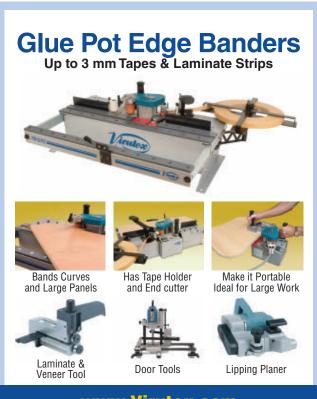
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General Tools & Instruments' E-Z Pro 851 deluxe doweling jig allows users to produce three types of dowel joints in three sizes: 1/4-inch, 5/16-inch and 3/8-inch. The aluminum jig is anodized in a gold color to impede corrosion, and the kit components come in a pre-molded storage box.

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## **Delta Power Equipment Corp. sanding products**

Delta Power Equipment Corp.'s line of sanding products consists of more than 95 abrasive products such as sleeves, belts, discs and strips. Sanding belts come in 80, 100, 120 and 150 grit, and an additional 50 grit belt for the belt/disc sanders, while the 12-inch sanding discs for DELTA Belt/Disc and Disc Sanders come in 50, 80 and 120 grits. Spindle sanding sleeves are offered for Delta's oscillating floor and bench spindle sanders, and strips for the drum sander and dual drum sander are also available in assorted grits.

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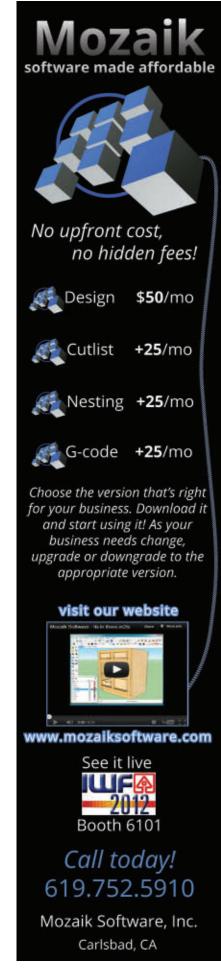
## Cefla Finishing Group Prima automated spray system

Prima from Cefla Finishing Group is a reciprocating spray system for water- or solvent-based coatings. Prima has a working area up to 1,300 mm wide, with variable process speeds from 1-3 meters/minute. The Prima control includes an automated part detection system to communicate panel size and position, a 6-inch touchscreen, and real-time diagnostics of production speed and output. 704.598.0020

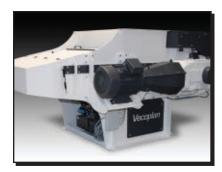
www.ceflafinishinggroup.com



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#### PRODUCTS



#### Vecoplan LLC VAZ 1600 NewGen shredder

The VAZ 1600 NewGen shredder from Vecoplan LLC features cardan shaft drives, double sidewalls, reversible counter knives, hydraulic swing-up screen carriages, rotatable screens and externally adjustable counter knives. Rotatable screens can be turned 180 degrees to increase wear life by up to 1.5 times.

> 336.252.4066 www.vecoplanllc.com



#### **SA International EnRoute** 5 CAD/CAM software

SA International's EnRoute 5 CAD/CAM software delivers creative tools and accurate toolpathing for wood carving and engraving needs. EnRoute is designed to facilitate integration with three-axis CNC machines in the CNC woodworking, signmaking, and manufacturing and fabrication industries. EnRoute 5 is a fully equipped interface containing enhanced nesting options, expanded relief creation and editing capabilities, and more.

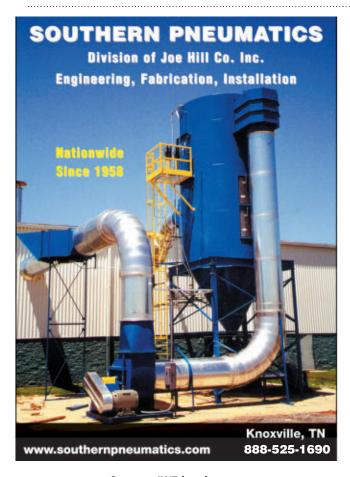
> 801.478.1900 www.saintl.biz



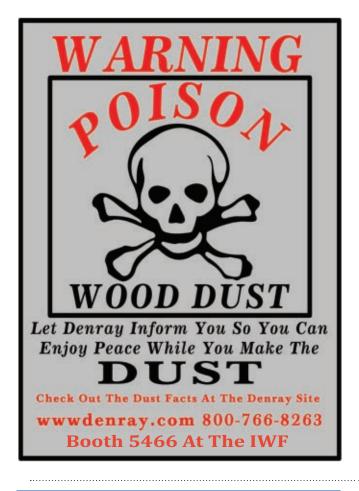
#### **Elias Woodwork Decorative Laminate Veneer products**

Elias Woodwork manufactures a full line of Decorative Laminate Veneer products including cabinet doors, molding and refacing materials using environmentally friendly Nexgen laminates. Available in five door styles and eight colors, these products have a wood-like, faderesistant appearance. It also contains an antimicrobial additive to help protect against bacteria.

> 800.665.0623 www.eliaswoodwork.com









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#### PRODUCTS



#### American Fabric Filter Co. custom cartridge overbags

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www.americanfabricfilter.com

#### Hoffman Machine Co. Inc. PP2-NC dovetail routing. dowel boring machine

Hoffman Machine Co. Inc. offers a PP2-NC automatic dovetail routing and dowel boring machine for the production



of furniture frames for sofas, beds and recliners as well as large millwork, trim components and handrail joinery. The machine is designed to rout dovetail keyways for Hoffmann Key fasteners and drill dowel holes in one machining cycle. A user-friendly color touchscreen allows the operator to enter all relevant data right on the machine panel.

> 866.248.0100 www.Hoffmann-USA.com

#### Woodstock International Inc. **Shop Fox Model W1826 wall** dust collector

Woodstock International Inc.'s Shop Fox



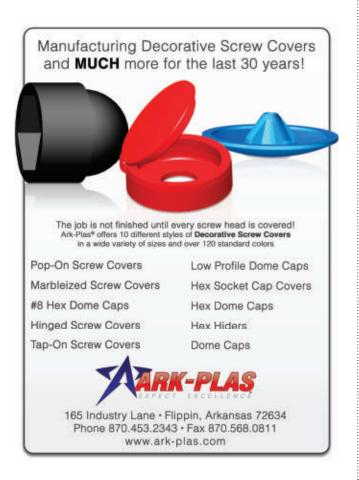
Model W1826 wall dust collector has a 1 HP, 120V/240V, single-phase motor. With 537 CFM, the unit is an ideal point-ofuse dust collector with a steel base plate for mounting to walls. The unit features a 4-inch intake port and a collection bag with 2.5 micron filtration

800.840.8420

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#### PRODUCTS



#### **Swanson Tool Co. Savage** folding jab saw/utility knife

The Savage folding jab saw/utility knife from Swanson Tool Co. features two cutting positions and works with any reciprocating saw blade. The tool includes three blades, an integrated utility knife and belt case

> 815.469.9453 www.SavageUnleashed.com

#### **Irwin Tools Marples** bevel edge chisel lines

Irwin Tools offers three Marples bevel edge chisel lines: a woodworking chisel,



construction chisel and high-impact chisel. The woodworking chisels are offered in 1/8-, 1/4-, 3/8-, 1/2-, 5/8-, 3/4-, 1-, 1 1/4-, 1-1/2- and 2-inch sizes. in 3-piece, 4-piece and 6-piece wooden box sets: construction chisels are available in 1/4-, 3/8-, 1/2-, 5/8-, 3/4-, 1-, 1-1/4-, 1 1/2- and 2-inch sizes, sold in 3-piece and 4-piece sets; and the high-impact chisel is available in 1/4-, 1/2-, 3/4-, 1-, 1-1/4-, 1-1/2- and 2-inch short blade sizes, and in 3-piece and 5-piece sets.

> 800.464.7946 www.irwin.com



#### AkzoNobel Chemcraft Airguard

AkzoNobel's Chemcraft brand makes a Greenquard-certified solvent borne topcoat, Airguard. This pre-catalyzed lacquer topcoat is self-sealing and lightstable, for use on furniture, cabinetry and other wood interior applications, the company says. When applied, the company says Airguard wets the wood like an oil-based product and enhances the wood's natural color

> 336.841.5111 www.azkonobel.com/industrial







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#### **CIM-TECH** brochure

CIM-TFCH's brochure features the company's automated CAD/ CAM software solutions Prod-

ucts featured in the brochure, with color photos, include: Router-CIM Automation Suite, Solid-CIM 3D, AutoNest, Advanced Nesting and Touch-n-Print.

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www.cim-tech.com



#### Klingspor 2012 woodworking catalog

The 2012 woodworking catalog features Klingspor's full range of abrasive materials for wood products manufacturers, including belts, discs, sheets, rolls, specialty abrasives and tools, as well as reference information for all facets of woodworking. The full-color catalog is available upon request.

> 828.322.3030 www.klingspor.com



#### **Domain Industries** wholesale catalog

**Domain Industries** Inc.'s wholesale catalog has 100 color pages of

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www.domainindustries.com



#### 2012 Lighting Catalog Supplement

**Outwater Plastics** Industries Inc.'s 2012 Lighting Catalog Supplement features the com-

pany's popular lighting and lighting-related products, including LEDs. The catalog is available in color, with product photos.

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www.outwater.com

#### 'Who are we?' brochure

Blum's "Who are we?" brochure looks at the company's history and product lines. The color brochure includes photos and descriptions about Blum's history, products, research and innovation, trade associations, apprenticeships and more.

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510.632.0853 www.mozdesigns.com

## Kitchen & Bath Design Ideas, volume 4 brochure

The Kitchen & Bath Design Ideas, volume 4, brochure from Domain Industries Inc. is available free, online and in print as a sales tool. The brochure

shows the company's product lines for kitchens and bathrooms, without pricing or technical information.

704.827.1345

www.domainindustries.com



#### Explosion Protection Solutions brochure

The Explosion Protection Solutions brochure from Camfil Farr

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Go to 2012 Web Pages 460-461

> \* BASED UPON 6 FT. LENGTH

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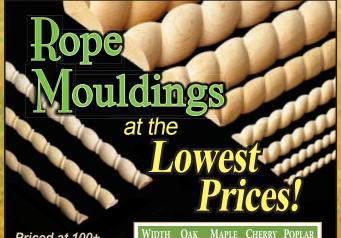
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**WorkSharp** sharpener expands

New attachment allows WorkSharp WS3000 sharpener to accept Tormek and JET sharpening jigs.

I've been a big fan of the WorkSharp WS3000 sharpening machine since it was introduced some years ago. Invented by Darex LLC, the same company that makes the Drill Doctor bit sharpeners, the WorkSharp unit is by far the fastest, most precise, cleanest, and most economical sharpening machine I've used, and the company just keeps making it better with new attachments. Now they've come out with an attachment that not only expands the versatility of the machine's own features, but also allows it to use attachments from other popular sharpening rigs.

#### What it is

Before we go into the new attachment, it's worth taking a minute to talk about the WorkSharp WS3000 by itself. This compact unit uses pressure sensitive abrasives on tempered glass disks to precisely sharpen common woodworking tools without the need for messy water or oil lubricants. The basic kit comes with two two-sided glass disks, so you can mount different grit abrasives on all sides, giving you four grits to work with in a standard sharpening regimen.

For chisels up to 2 inches wide, there is an adjustable angle platform with a built-in heat sink to sharpen bevels quickly and precisely on the bottom side of the disk. You can work on the flat backs of chisels on the top of the disk. For tools such as turning gouges,

The new WorkSharp WS3000 sharpening system with tool bar attachment now accepts jigs from Tormek and JET sharpening systems.



Using a Tormek jig to sharpen a turning gouge on the top of the abrasive disk seems upside down at first, but you get used to the angle and it gives great results.

you can use the included Edge Vision slotted plastic disk with matching slotted abrasive paper that allows you to actually see through the disk while it is turning. That way you can see exactly what you are doing as you sharpen the edge of a gouge from underneath the disk.

#### What's new

New this year is a tool bar attachment that provides extra options for both freehand sharpening and use of jigs. You can use it to sharpen freehanded on top of the disk or on the underside. The sturdy tool bar assembly attaches to existing accessory mounts on the machine. A micro-adjusting elevation wheel makes it

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possible to achieve just about any angle you'd need.

But the best part about the new attachment is it accepts the jigs from Tormek and JET sharpening machines. That greatly expands the versatility. For those who have previously used these jigs on their native vertical wet wheels, using them on the WorkSharp takes just a little getting used to. For example, to sharpen a gouge on the horizontal WorkSharp disk requires pointing the gouge handle up in the air instead of holding it low. But it takes no time at all to get used to the change and the precisely repeatable results are worth it.

At less than \$200 for the WS3000 unit and about another \$50 for the tool bar attachment, the WorkSharp system is still very cost effective. I haven't used anything else regularly for sharpening for a very long time. For more information, visit www.worksharptools.com. <

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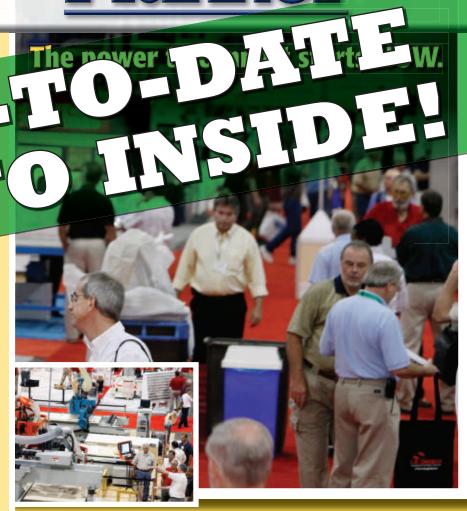
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A wide selection of products from exhibiting companies

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\*\*\*\*\*\*\*\*\*\*\*

We're fortunate to be able to visit many shops large and small, and also talk to those in the cabinet, furniture, millwork and fixture industries. We learn all kinds of things, some expected and some unexpected.

When we're visiting their shop, people often point something out.

"Yeah, I was at IWF last time and we were about to leave, and then I saw this."

If they weren't on site, they would never have seen it.

We advise show attendees (See our "Tips for Attendees") to plan ahead to get the most out of the show exhibits and the seminar schedule. If you plan carefully, you can get a lot out of a few days at a big event like IWF 2012.

#### But you can't plan everything.

You might see something on the show floor that would be a great problem-solver for your business. Something unexpected and unplanned. You may learn something you hadn't thought about in an educational seminar, or even gotten an interesting perspective from another attendee over lunch.

#### There's no substitute for being there.

Even in our digital age, with hundreds of websites and information sources, nothing beats a live event, one in which you can touch and feel, compare and ask questions of a

You can buy songs available for immediate download, and still buy music CDs, but a live event still rocks.

Atlanta native Tommy Roe sang "Everybody," perhaps suggesting the potential audience for IWF 2012.

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# **IWF** reports higher registration, exhibit sales

Early attendee registration reported 40 percent higher than last event in 2010

The International Woodworking Fair has announced a 40 percent increase in early attendee registration in comparison with IWF's last event, which was hosted in 2010.

In addition to increases in advanced registration IWF is seeing a surge in exhibit sales. IWF is pacing ahead of 2010 and will be a larger event compared to 2010 with 792 exhibits currently. The top manufacturers of machinery, supplies & services will be displaying the most innovative products available to the marketplace.

"In addition to the rebounding housing market, we suspect that increased attendee numbers can be attributed to demand for new machinery, supplies and services that IWF exhibitors

offer," says Michael Burdis, IWF 2012 chairman and president of James L. Taylor Manufacturing Co. "The increase in exhibitor sales and advanced registration all point to a very strong IWF 2012."

The IWF trade show

brings together industry leaders and showcases innovative products, machinery, materials and design. IWF 2012 will be held August 22-25 in Atlanta at the Georgia World Congress Center. For up-to-date and industry updates, connect with IWF on Facebook and Twitter

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## WMIA, WMMA sign deal to own IWF

The Woodworking Machinery Industry Association, the Wood Machinery Manufacturers of America and the American Home Furnishings Alliance jointly announced May 2 that they have entered into an agreement for the purchase of AHFA's ownership interest in the International Woodworking Fair by WMIA and WMMA. The transaction is expected to close late this year following IWF 2012. In addition, WMIA and WMMA announced that they have entered into a new partnership agreement for the management and ownership of IWF.

The year 2012 signifies a long and formidable jointventure partnership between the AHFA. WMIA and WMMA for IWF. For the past 30 years, the three associations have jointly operated one of the most successful trade shows in North America. The agreements confirm the intentions of the three associations to solidify the ownership and operation of the Western Hemisphere's largest woodworking equipment trade fair, and their commitment to the woodworking industry as a whole.

"We believe that IWF is an important part of the continued success of the woodworking industry," said WMIA president, John Henderson. "Our decision is not only good for the thousands of woodworkers in North America and abroad who attend IWF but also for the numerous companies that produce machinery, cutting tools and various supplies and exhibit at IWF."

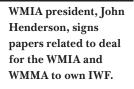
"The IWF is an important event that allows woodworkers the opportunity to see the suppliers they purchase their machinery and other products from - and ask them direct questions," explained WMMA president, Mark Chappell. "Attendees also see first hand new technology in action and new equipment being introduced to the marketplace, all in one location."

The IWF has a long history of bringing thousands of people together to share ideas, develop initiatives and witness the world's best woodworking products. "AHFA has enjoyed a long and productive partnership with the WMMA and WMIA. We know IWF will continue to be a vibrant and relevant event

WMIA president, John Henderson, left, and WMMA president, Mark Chappell, announce pact to own IWF. under their joint ownership," stated AHFA vice chairman and IWF board member, Wyatt Bassett.

The IWF fair will carry on the tradition set in place by the original three associations and yet change to answer the needs of today's marketplace. The WMIA and the WMMA are excited about the future of the IWF, ready to join forces and are initiating plans to expand the size of the show for the betterment of the global industry. <





Be sure to check us out at IWF, booth #4327

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## Connect with IWF 2012

#### **IWF** at a glance

Where: Georgia World **Congress Center** 

Location: Atlanta, Georgia

**Dates:** August 22-25, 2012

#### **New hours:**

8:30 a.m.-5 p.m. Wed.-Fri. 8:30 a.m.-4 p.m. Sat.

Web site: www.iwfatlanta.com

**Phone:** 404-693-8333

**Email:** iwf@iwfatlanta.com

The International Woodworking Fair has announced several discount programs for the 2012 IWF Fair. These offers will allow exhibitors and buyers to receive the best deal on booth packages, housing, dining and attractions during the fair.

"This is an opportunity for those who plan ahead to secure a great deal on exhibiting and attending." says Michael Burdis, IWF 2012 chairman and president of James L. Taylor Manufacturing Co.

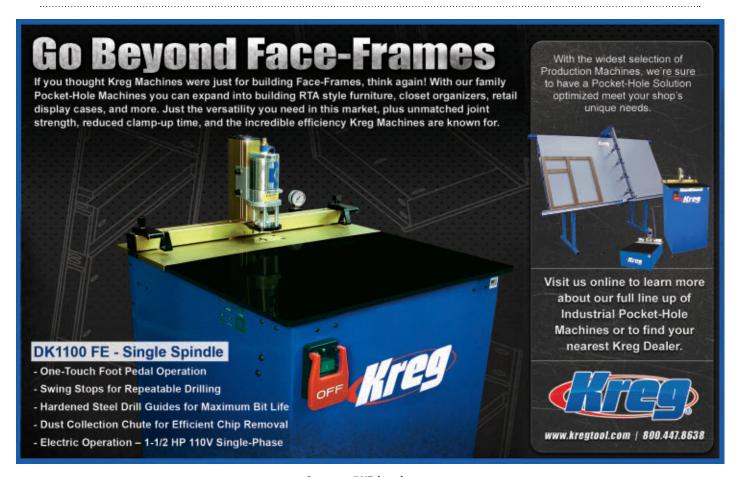
Over 700 exhibitors have contracted for exhibit space occupying more than 350,000 net square feet.

Exhibitors will be able to save on electric, drayage, exhibit space and more. See more information in the IWF Exhibitor Packages /exhibitors/Exhibitor Discounts

Also, IWF and the Atlanta hospitality community are working together to create the IWF Atlanta Hospitality Program to enable exhibitors and attendees to save throughout the city. New for IWF 2012 is the Drive and Save Program, International Visitor Hotel Packages, and Deal of the Dav.

"We continue to work hard to not only make 2012 one of the best IWF Fair's but also the most affordable for our exhibitors and buyers," added Burdis.

The Cabinetmakers Association will be offering certification sessions for the first time at IWF. Attendees can buy one symposium and receive one free session, and or buy one educational session with the second one discounted 50 percent. <



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Freud offers blades specifically designed for cutting laminated material to provide the highest quality finish while lasting longer! This unique line of laminate cutting panel saw blades feature Freud's exclusive TiCo<sup>TM</sup> Hi-Density Carbide for super clean cuts with virtually no chipping on either top or bottom surfaces and specialized Silver I.C.E. (Industrial Cooling Element) coating to reduce heat and deliver longer cutting life.

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"...gained 10 hours of production time"

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59 changeovers at 10 minutes each=590 minutes.

## 16X MORE LIFE!

"...it was amazing; we went (to) one blade cutting for two days compared to 16 blade changes with our old brand"

User changes blade when cut quality drops and went from 16 blade changes with competitors to 1 with Freud blade.

## 30% FASTER FEED RATE!

"increased output over 30%"

User went from 70% feed rate to 100% with a Freud blade while maintaining cut quality.

## *NO MORE YELLING!*

"...We went from yelling to have a conversation at the point to where the cut line is to speaking at normal volumes to the operators"

User went from 110 decibels to 86 decibels with a Freud blade.

Quotes taken from FDM Magazine article "Saw blade cuts downtime".

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## **IWF 2012: Tips for attendees**

How do you get the most out of IWF 2012? Here are a few ideas.

What's your plan for IWF? Here are some suggestions to get started.

IWF is a large trade exhibition. Planning ahead is essential. Make a list of which exhibitors you want to see. Address your most important needs first. This should be your first task, before leaving home. It's better to have a plan and change it than to have no plan.

- >>> Check the exhibitor list in this planner or online at www.iwfatlanta.com.
- **>>> Register ahead of time.** This might save you some time, especially if you arrive at the opening of the show. You can register at www.iwfatlanta.com, by phone, or even by mail. The show is Wednesday, August 22 to Saturday, August 25, 2012. New show hours are 8:30 a.m. to 5 p.m. the first three days, and 8:30 a.m. to 4 p.m. on Saturday.

The Georgia World Congress Center is located in downtown Atlanta at 285 Andrew Young International Blvd. It is within walking distance of downtown hotels, and can be reached via cab or MARTA, Atlanta's rapid transit system. Shuttle buses will take attendees from many of the downtown hotels to the GWCC. Shuttle buses will also connect many Midtown hotels, about three miles away. Additional hotels are available around the airport, south of downtown, and the Buckhead area, about seven miles north of the GWCC.

- >>> Can I drive? Sure. There are enough parking lots to handle most comers (about 3,000 spaces near the GWCC). Try not to arrive or leave during rush hour.
- >> Should I wear comfortable shoes? Yep. And comfortable clothes, too. Khakis and a dress shirt



are what most people will be wearing. Expect it to be hot outside.

- >> Study your list and the show guide, and move through the aisles. You want to see as much as you can. Stop and talk to the people in the booth. If you're a woodworker, they definitely want to talk to you. Ask them about their product or service. Tell them about a problem that you're having. Listen.
- >> Cover the companies that are most important to you, taking notes as you go. Once you've moved through the companies on your list, you can walk up and down the aisles and stop wherever you see a display that interests you.

Try to plan your visits so you're not going back and forth between Hall A and Hall B, or from one end of Hall B to the other.

Even though your list of products and problems in your business should be your priority, experienced attendees often tell us of the useful tool or accessory they saw at the show but did not know about previously.

>> Include someone from your team who has never been to the show before. They'll probably welcome the opportunity to travel, and their experience can give others a fresh perspective.

Sometimes exhibitors are interested in selling a machine displayed at the show rather than shipping it back to their main office. This is more common than you might think. We've heard of good

deals being had. It doesn't hurt to ask.

>> Look over the list of the Technical Conference Sessions and see which are the most useful for your business. An ideal show experience would be to combine the exhibit floor time and include several educational sessions.

The day before the show starts, Tuesday, August 21, there are all-day symposiums on finishing, door and window manufacturing trends, the closet market, and countertop options.

During the show itself educational sessions include regulatory issues, business strategies, marketing plans, shop automation, training and certification, lean manufacturing, financial management and many others.

- **>>> Be sociable.** You're in a place with thousands of other woodworkers. Say hello to the guy next to you in line. You might have a lot in common.
- >> The companies involved in the **Challengers Awards are worth** a look. You can learn the finalists before arriving at the show, and see the actual winners. These developments represent some of the most important in woodworking technology.
- >>> Plan carefully, but leave some time for fun. Downtown Atlanta has many more attractions than even a few years ago. A dinner with friends in the industry or other woodworkers who have similar companies can be a special event. <

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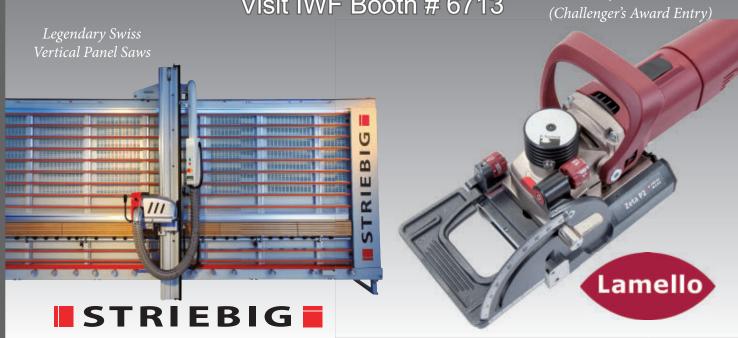
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## **UPDATED IWF 2012 Exhibitor List**

Alphabetical list of companies at IWF 2012 in Atlanta Aug. 22 to 25, and floor plans..

#### >>>>> A <<<<<<

A & H Industries Inc.	6465
A & M Hardware, Inc.	
A Lewis Manufacturing, Co	
A.A.C by Nature's Legacy	3313
Abatron	
Accurate Technology	5853
Accu-Systems, Inc.	
AceCo Precision Manufacturing	5552
Acimall	
Adams Wood Products, Inc	3107
Adservco Group	
Advanced Affiliates, Inc	2000
Advanced Greig Laminators	6467
Adwood Corp.	6129
AFEMMA	
Air and Water Systems, LLC	6544
Air Handling Systems	5800
AirVantage Tools	1415
AkzoNobel	
Alanod GmbH & Co. KG	
Alcea Industries	3314
Ali Industries	
All*Star Adhesive Products, Inc	5918
Alliance Knife Grinding	
& Moulder Service, Inc	
Allmoxy	
Amana Tool Corp	
Amandus Kahl USA	
American Adhesive Coatings, LLC	
American Express Open	
American Fabric Filter Co.	
American Home Furnishings Alliance	
American Renolit Corp.	
American Veneer Edgebanding Co., Inc	
American Wood Dryers, Inc	
American Woodworker Magazine	
Amertop Inc. dba JDI Hardware Mfg	
AMMA Lock Hardware	
Amos-Hill Associates Inc	
Anderson Group America	6529
Anest Iwata USA, Inc	2700
Angelo Cremona SpA	7273

AOM Spray Equipment	3325
AP Lazer	
Apollo Sprayers International, Inc.	
Appalachian Hardwood Manufacturers Inc.	1324
Apquip Company	
Arauco-USA	160
Architectural Woodwork Institute	1573
Arminius Tooling, Inc.	5274
Arrow Tooling	
Art for Everyday Inc	142
ArtCAM developed by Delcam	
Ashland Water Technologies	3223
Asia Plastics Industrial Co	
Asora	4320
Association of Woodworking	
and Furnishings Suppliers	4135
Atlanta Hardwood Corp	4500
Atlas Copco Compressors LLC	7328
Audubon Block Co	2014
Autodesk / Widom Associates	4545
AWED Corp	7585
AWI Quality Certification Corp	1575
AWMV / Wood-Mizer Products, Inc	759 <sup>-</sup>
Axiom Industries, Inc	

#### **>>>>> B <<<<<**

Bad Dog Tools	.5068, 7352
Baker Products	5135
Baltic-American Concord	.1426, 7263
Banks Hardwoods, Inc	4235
Barberan/Production Systems	5513
Bardo Abrasives	6421
Barker Metalcraft, Inc	4459
Bartimaeus by Design	2324
BauschLinnemann North America, Inc.	1737
Becca Inc	6264
Becker Acroma, Inc	1855
Becker Pumps Corp	5459
Beijing Bangjia Wooden Products Co., I	_td 1358
Beijing Joining International Fair Co., Lt	d3329
Beland Forest Products, Ltd	4416
Belwith Products, LLC	2520
Benz Inc	
Berenson Corp	2855
Bessey Tools North America	4534
Better Vacuum Cups, Inc	4727
Betterley Industries, Inc	5261
BHK of America	1406
Biele S.A	5847
Biesse America	6769, 6735
Big Horn Corp	5920
Big on Dry SRL	7271
Bingaman & Son Lumber, Inc	4452

Bishop-Wisecarver Corp	4412
3lum, Inc	2637
Boeshield T-9	
Bohlke Veneer Corp., M	
Boise Cascade, LLC	
Bond Corp	
Bosch Power Tool Co	
Bosch Rexroth Corp	7168
Box on Demand	
Brookside Veneers Ltd	
Brown Wood Inc, Co	1411
Brunner Hildebrand Lumber Dry Kiln	4742
Brunswick Custom Wood Finishing	4217
Brushy Creek Custom Doors, LLC	1524
BS & B Pressure Safety Management, LLC	3268

#### >>>>> C (((((

.3215

C.A. Technologies ..

Cabinet Makers Association....

Cabinet Pro	4/23
CabinetMaker+FDM /	
CabinetMakerFDM.com	.4 <b>25</b> 3
Cabinotch	4513
CabParts, Inc.	
Camaster CNC Inc.	5153
Campbell Moulding	
CAMWorks / Access Mfg. Systems	4417
Cantek America, Inc.	
Carbide Cutting Tools SC, Inc	
Cards of Wood, Inc.	4649
Caron Industries	
Carter Products Co., Inc	
Castle, Inc.	
CCF Industries	
Cebi Kilit Ve Mobilya Aksesuarlari San Tic As	2545
Cedan	
Cefla North America	
Cemar Electro, Inc	
Centric, Inc.	
Century Hardware	
Century Plyboards (I) Ltd	
Ceratizit	
Certainly Wood Inc	
Chemetal	
Chengdu Yibai Cutting Tools Co., Ltd	
Ching Hwa Advertisement Co., Ltd	
Chiyoda America, Inc.	
Choice Brands Adhesives	
Chongqing Changhong Woods Co. Ltd	
Cim-Tech.com, Inc	
Cixi Yushun Electric Appliance Co. Ltd	3355
Clarke's International, Inc	
OLM TO THE FIRST LAND	7050



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CMS North America, Inc	7229
CMT USA, Inc	5262
CNC Technology, Inc	6057
Collins Companies	4853
Col-Met Spray Booths, Inc	3106
Colonial Saw Co., Inc	6713

Colovos Co.	5942
Columbia Forest Products	4401
Co-Matic Machinery Co., Ltd	4365
Compass Stair Software Inc	4342
Composite Panel Association	1670
CompX International	1931
ComSurge Tooling, Inc	7237
Comtrad Strategic Sourcing	2347
Comvi Enterprise Co., Ltd	1900

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Consult Furtillare Hardware Factory	1449
Continental Fiber LLC	4835
Cooper Enterprises, Inc	1963
Cooper Machine Company, Inc. / Incomac	4321
Costa & Grissom Machinery Co., Inc	5535
CounterBalance Corporation	1626
Coveright Surfaces	A307
Crabtree's Wood Turnings & Tools, LLC	4262
Craftsman Leather / Piel, Inc.	4229
Cresswood Shredding Machinery	5428
CRIQ	5762
CRP Industries Inc. / Perske	6912
CSE Automation, LLC	6177
Custom Accents / Handisolutions	1636
Cut-N-Crown	7369
CWB, Wood & Wood	



Products and Closets, Vance Pub.



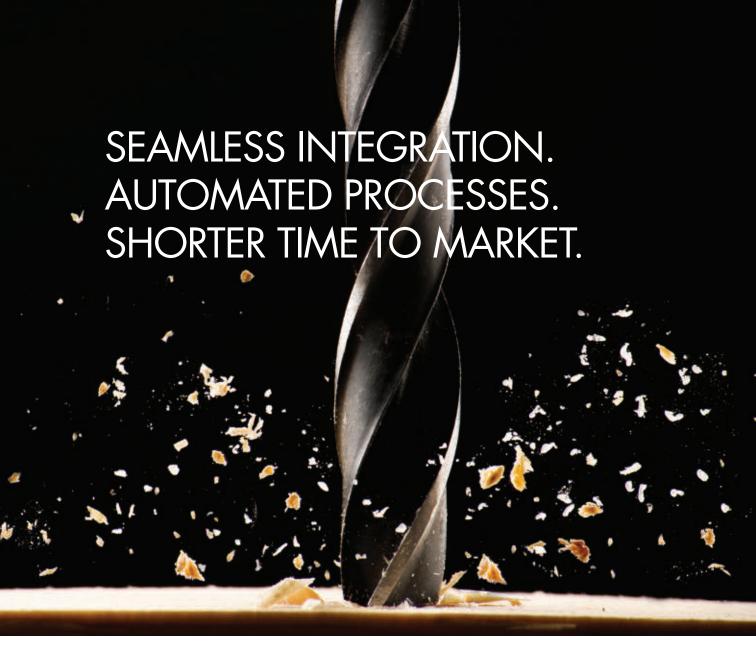
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Danver Stainless Steel Cabinetry	1317
Danzer Veneer	1755
Darlington Veneer Co., Inc	1512
Daubert Chemical Co., Inc	4413
DCT Leathers	1911
Decoral System USA Corp	6459
Decotone Surfaces	1337
Dehua TB New Decoration Material Co., L	td 1344
Deimco Finishing Equipment	4865
Delmhorst Instrument Co	1916
DELTA Power Equipment Corp	6729
Denray Machine, Inc.	5466
Deulen Tools	4564
DI PIU	
Dieffenbacher USA, Inc	2500
Dimensions in Tooling, Inc	7462
Direct Lighting	3144
Diversified Machine Systems	7012
Dixon Enterprises, Inc	6770
Dodds Company, Alexander	5813
Dongguan Hoone Furniture	
Hardware Factory Co., Ltd	
Doucet Machineries, Inc	
Drawer Connection, Inc.	
Dubois Equipment Company, Inc	
Dun-Rite Tooling	7519
Durkopp Adler America	5040
Dustek, Division of Boshco, Inc	5544
DVUV, LLC	3319
Dynabrade, Inc	3123
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Eagle Superabrasives, Inc	605
EAM-Mosca Corp	485
Earlex, Inc	626
East Grace Corp	483
Ebner Vyncke	744
EdgeCo, Inc	506
FES International Holding Ltd	326



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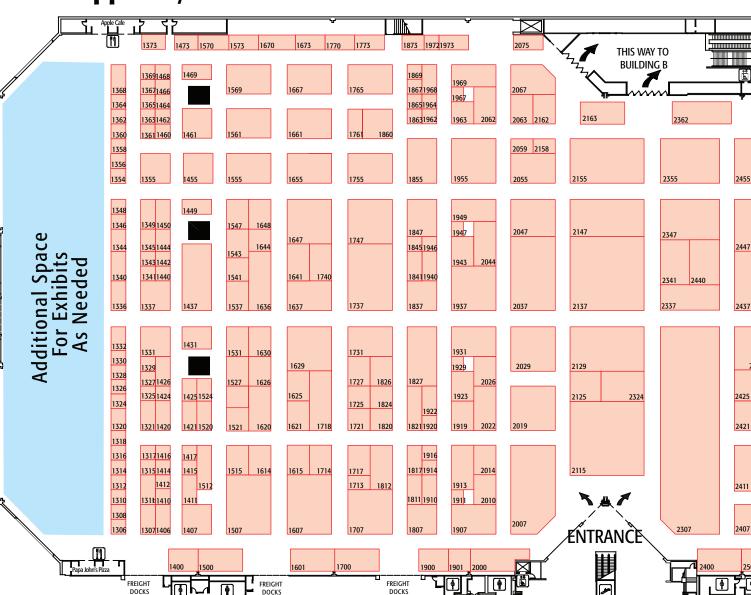
Electronic Wood Systems Gmbh	1761
Element Designs	3031
Elias Woodwork	3119
Epilog Laser	5961
Equipment, Ltd	6969
Era Architectural Hardware Factory	3157
ETemplate Systems	4149
Eterna Lighting	1725
ETP Transmission, Inc	6564
European Woodworking Machinery Co	6734
Eurosoft, Inc	4335

EuroVinyl Plus USA LLC	1812
Eveready Hardware	2606
Everglow Furniture Components, Inc	2711
Excel Dowel & Wood Products, LLC	1910
Exco Colombiana S.A	1913
Ex-Factory Inc.	5843
Expo AMPIMM	4326
E-Z Mix	4424
EZE-LAP Diamond Products, Inc	2723

4424
2723
5829

FDM Asia / FDM China	4339
FDSE Inc	1867
Felder Group USA	6752
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Ferrari America, Inc	1707
Ferro Industries, Inc	1308
FIMMA Brasil	4317
Finish Tech Corp	2059
Finishing Brands	2411
Fischer Precision Spindles, Inc	7364
FJM Security Products	1721
Flakeboard	2037
Flamex, Inc	5323

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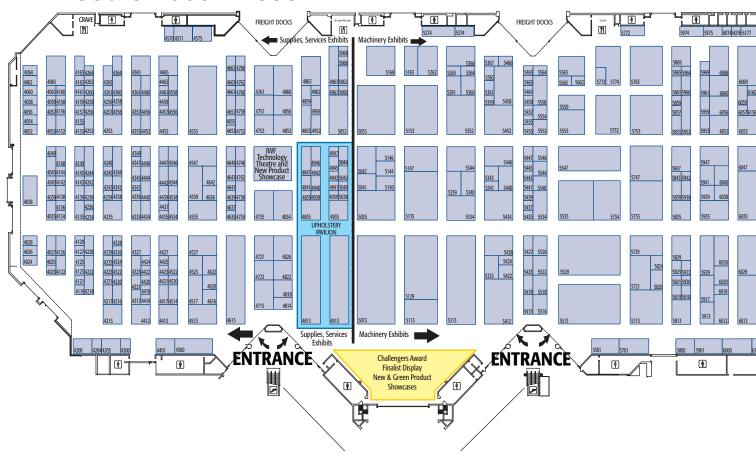
#### IWF EXHIBITOR LIST

Gibraltar, Inc	1940
Gilmore Furniture Inc	1444
Gingrich Woodcraft, Inc.	4814
GL Enterprises, LLC	3317
Global Finishing Solutions	4738
Global Plywood & Lumber, Inc	4520
Global Shop Solutions	4657
Global Tooling & Supply Co	5974
GO Packaging	5960
Goff's Enterprises, Inc	4122
Golden Vantage (HK) Ltd	5439
Goodspeed - Intorex s/a	6029
Graco, Inc	1607
Grass America Inc	2137
Great Lake Woods, Inc.	2162
Great Lakes Custom Tool Mfg., Inc	5422
GreCon, Inc.	5518
Greenline Industries	1537
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Hardware Work Factory	1442
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& Electric Co., Ltd.	1348
Guhdo-USA Inc	5534
Guilin Gemred Sensor Technology Co., Ltd	4667
Gyokucho Trading Co., Ltd., Japan	4238
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H+H System, Inc	3222
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Hafele America Co.	220-
	Z3U.
Haiyan Ganbiao Hardware Co., Ltd	
Haiyan Ganbiao Hardware Co., Ltd Hangzhou Advance Hardware	136
Haiyan Ganbiao Hardware Co., Ltd Hangzhou Advance Hardware Manufacturing Corp	136 <sup>-</sup>
Haiyan Ganbiao Hardware Co., Ltd Hangzhou Advance Hardware	136
Haiyan Ganbiao Hardware Co., Ltd Hangzhou Advance Hardware Manufacturing Corp Hans Weber Sales & Service Corp	136 3114 6147 4859
Haiyan Ganbiao Hardware Co., LtdHangzhou Advance Hardware Manufacturing CorpHans Weber Sales & Service CorpHansentek	136 3114 6147 4859 2129

Hardwoods Specialty Products	1824
Hasko Machines	6069
Hatton-Brown Publisher's Inc	4265
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Heico Fasteners, Inc	4847
Helmitin Adhesives	
Hengcheng Tools	4756
Henkel Corp	
Hera Lighting, L.P	
Heritage Finishes Inc	
Hettich America	2115
Hickory Saw & Tool, Inc	4264
Highland Industries Inc	
Highstar Inc	
Hi-Tech Duravent	
Hiwin Corp	7907
HMT Manufacturing Inc	
Hoffmann Machine Company, Inc	
Holland Southwest International, Inc	
Honeyville Metal, Inc	7368
Hood Distribution	
Horizon Wood Products	

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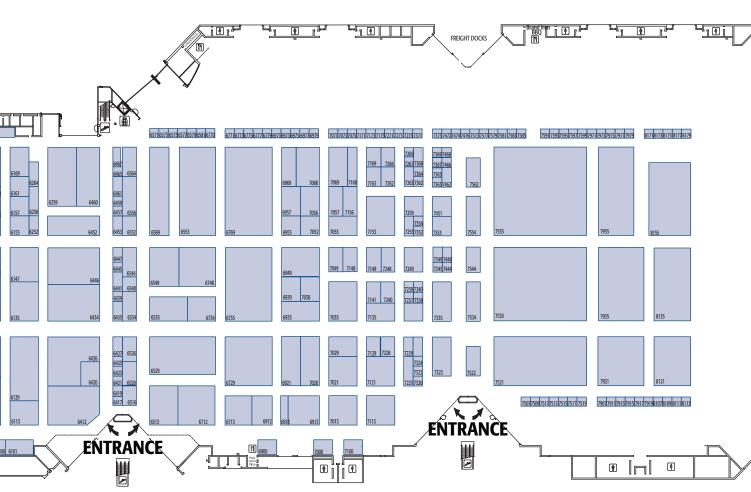
Hot Melt Technologies, Inc	6953
HPVA - Hardwood Plywood	
& Veneer Association	1341
HSD USA	7451
Huifeng Furniture Hardware Factory	2440
Hunt Country Components	1718
Hurst Boiler & Welding Co., Inc	5427
Hurst Engineering	6771
Hymmen Industrieanlagen GmbH	4558
>>>> <b>I</b> <<<<<	
ICA North America	3019
IKO International, Inc	7340
ILVA-USA	1969
IMA America Corp	6434
Imal PAL	2063
Imperial Blades LLC	4446
IMS USA LLC	6975
Indaux	2515

Indiana Architectural Plywood, Inc...... 1673 Indiana Dimension, Inc......4225

Industrial Molded Rubber Products	7239
Industrial Timber & Lumber Co	4622
Interlam, Inc	
Inter-Mares Trading Co. Inc.	
International Saw & Knife Assn	
International Wood Products Assn. 1343	
Interprint, Inc.	A309
Intertek Industrial Corp	
Interzum 2013 - Koelnmesse GmbH	
Invis (North America), Inc.	
ISFA - International Surface	
Fabricators Association	4423
IST / Eco Industry	
Italpresse USA, Inc.	544F
ITW Industrial Fastening	
ITW TACC	
11 VV 17 100	2/20
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James L. Taylor Mfg /	C //10
JLT Clamps / Cameron Automation	
Jamieson Laser LLC	/ ZD:

JCT Products.....

JDS Co	7353
Jenp Jou Enterprise Co. Ltd	3115
Jet - Powermatic	
Jiangyin Diamond Tools Co., Ltd	7468
Jiashan Far Plan Imp & Exp Co., Ltd	3240
Jieyang Biaozhi Hardware Co. Ltd	
Jieyang Canhuang	
Hardware Products Co. Ltd	3145
Joos USA, Inc.	
Jowat Corp.	
Just Normlicht Inc	19/3
Just Normlicht, Inc.	19/3
	19/3
>>>> K (((((	
>>>> <b>K (((((</b> Kaeser Compressors, Inc	7249
Kaeser Compressors, Inc	7249 5140
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Kaeser Compressors, Inc	7249 5140 5359
Kaeser Compressors, Inc	
Kaeser Compressors, Inc	7249 5140 5359 2854
Kaeser Compressors, Inc	7249 5140 5359 2854 5865
Kaeser Compressors, Inc	7249 5359 2854 5865 6020 5453





#### IWF FXHIBITOR LIST

Kentec, Inc	7579
Kenwood Milling	4222
Kerfkore Co	2863
Kern Lasers, Inc	7029
Keystone Laminates, Inc.	1412
Keystone Wood Specialties, Inc	4244

Keytrix Data Systems, Inc	4514
King Plastic Corp	1321
King Slide Works Co., Ltd	2455
Kings Mountain International	1437
Kleiberit Adhesives USA, Inc	6460
Klingspor Abrasives, Inc.	2029
Koch Ltd. Machinery & Systems	6135
Komo Machine, Inc	6949
Konig North America	1817

Keytrix Data Systems, Inc	4514
King Plastic Corp	1321
King Slide Works Co., Ltd	2455
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Kleiberit Adhesives USA, Inc	6460
Klingspor Abrasives, Inc.	2029
Koch Ltd. Machinery & Systems	6135
Komo Machine, Inc	6949
Konig North America	1817
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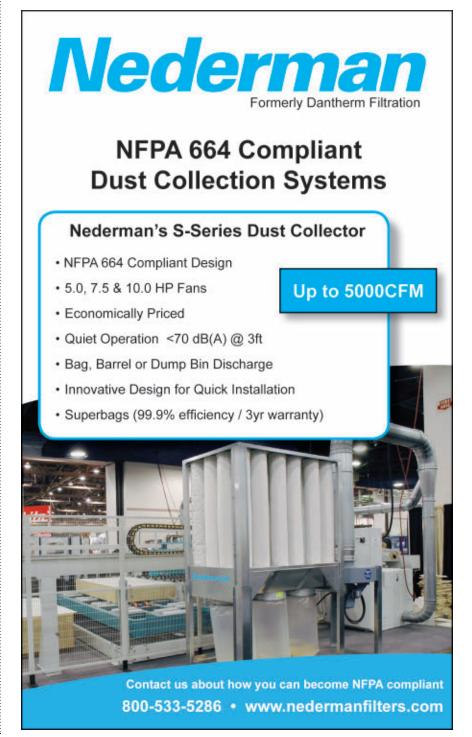
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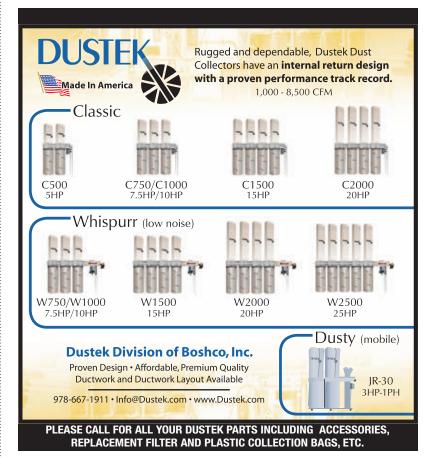
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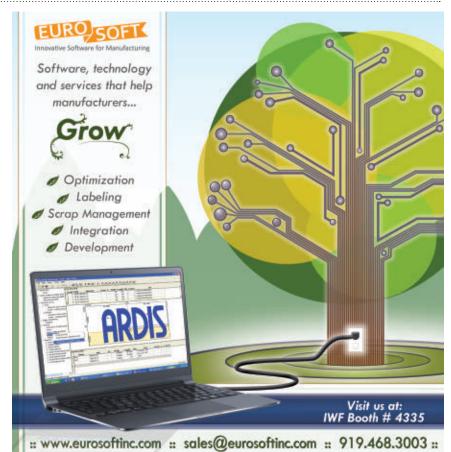
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## **Educational opportunities** abound at IWF

Symposiums and standalone sessions offer wide opportunities for expanding professional, technical and business skills, adding huge value to the trade show experience.

One of the best reasons to attend the International Woodworking Fair this year is the opportunity for education. Long known for the high-value education sessions it offers, IWF this year is offering wide-ranging sessions on an extensive array of topics. And to maximize education options, programs are organized in both multi-class symposiums and single stand-alone sessions.

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Top technical experts share their expertise in IWF symposiums and educational sessions.



tact with a level of expertise you might not be able to find easily in your home town.

#### Symposiums offer depth

If you want to get an in-depth view of a subject in a short time, there is no better way than to attend one of the symposium offerings at IWF. Typically each symposium offers a panel of experts teaching a full day of sessions on a number of related topics. Symposiums are available on finishing, door and window manufacturing, countertop business, and custom closets. The programs are scheduled on Tuesday, August 21.

Symposiums include: From Low Tech to High Tech - The Finisher's Guide



Technical

#### Here's a list of topics and times on the schedule:

- >>> Regulatory Issues Affecting the Furniture Industry - What's New and What's Coming Soon (FAU1); Bill Perdue, VP of Regulatory Affairs: AHFA; 8/23/2012; 9:00 a.m.-11:00 a.m.
- The ECO3-Home and How Foam Fabric and Frame Components Fit Into This Home Concept (FAU2); Bill Perdue, VP of Regulatory Affairs: AHFA; 8/22/2012; 1:00 p.m.-3:00 p.m.
- >>> Re-Shoring and Case Studies (FAU3); Harry Moser, Founder: Re-Shoring Initiative; Clay Walden, Director-Center for Advanced Vehicular Systems Extension: Mississippi State University; Allen Greenwood, Professor-Department of Industrial & Systems Engineering: Mississippi State University; 8/22/2012; 9:00 a.m.-11:00 a.m.
- Business Survival and Growth (BMG1); Davis Woodruff, President: Management Methods, Inc.; 8/22/2012; 9:00 a.m.-10:30 a.m.

- >>> From Strategy to Results (BMG2); Davis Woodruff, President: Management Methods, Inc.; 8/22/2012; 1:00 p.m.-2:30 p.m.
- Business Strategies for a Changing Market (BMG3); Steve Lawser: WCMA; Sean Benetin, President: Millwork & More, LLC; Kent Gilchrist, President: Fremont Interiors, Inc.; Donald O'Hora President & CEO, Northway Industries, Inc.; 8/22/2012; 9:00 a.m.-10:30 a.m.

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to Perfect Results: Door and Window Manufacturer Symposium: Getting Lean, Green and Keeping up with Market Trends; Exploring Countertop Options: Turning Opportunity into Profit; and Closets - Your Niche for Growth.

#### CMA certification program debuts at IWF:

IWF 2012 is the site for the Cabinet Makers Association's first expanded

live sessions for its new CMA Professional Certification Program. Two types of sessions make up the programming. Curriculum sessions contain required knowledge to pass testing. CEU sessions are electives. Those enrolled for certification are required to earn 4.0 CEUs per year and to pass applicable testing. You do not need to be a CMA member or enrolled in our certification program to attend any of these sessions. However, if you want any credits from these sessions to apply toward your

future CMA professional certification, you must enroll and pay CMA program fees within one year from the date of the session. You are not required to be a CMA member to become CMA certified, however, the program offers substantial discounts to CMA members on session and program fees.

More details about the CMA certification program are available at http:// cabinetmakers.org/certification.html or stop by the CMA booth #1336 with your questions and comments.

#### Symposium schedule/continued

- >>> Recruiting, Retaining, and Managing an Age-Diverse Workforce (BMG4); Phil Bibeau, Executive Director, WPMA; Mike Finn, Executive Recruiter: Century Personnel; 8/24/2012; 1:00 p.m.-3:00 p.m.
- Moving From Residential to Commercial Woodwork (BMG5); Rick Thaler: President, OGB Architectural Millwork: 8/23/2012: 1:00 p.m.-2:30 p.m.
- Working Local and Regional Markets for New Sales of Cabinets, Furniture, and Millwork (BMG6); Harry Watt, Business Improvement Specialist, NCSU; Jon Benson, Vice President: Hale Manufacturing; Charlie Griffiths, President: Vigilant, Inc.; Mark Goldman, President: Pennville Cabinet Company; Rick Lawson: Natural Capital Investment Fund; Kyle Edwards, President/Owner: The Sawmill, Ltd.; 8/22/2012; 1:00 p.m.-2:30 p.m.
- >>> Financial Management / Money Matters (BMG7); Greg Heuer, CSI: AWI: Scott Nelson. President: Woodwork Career Alliance of North America; Bruce Spitz, President: Classic Millwork & Products; 8/23/2012; 1:00 p.m.-5:00 p.m.
- Wood Properties and Identification: What You Need to Know (BMG8); Amy Garrard, Assistant

- Professor, Franklin Furniture Institute; David Jones, Assistant **Extension Professor-Department** of Forest Products: Mississippi State University; 8/22/2012; 1:00 p.m.-3:30 p.m.
- >> Wood Protection for the Forest Products Industry (BMG9); Amy Garrard, Assistant Professor: Franklin Furniture Institute; Shane Kitchens, Assistant Professor- Department of Forest Products: Mississippi State University; 8/23/2012; 9:00 a.m.-11:00 a.m.
- Back to Basics: How to Write a Marketing Plan (MKT1); Philip Zaleon, Owner: Z promotions & design, Inc.; 8/23/2012; 9:00 a.m.-10:30 a.m.
- >>> Reaching Today's Customers at the Buying Moment (MKT2); Philip Zaleon, Owner: Z promotions & design, Inc.; 8/23/2012; 1:00 p.m.-2:30 p.m.
- >> 7 Rules for Great Web Content (MKT3); Ralph Bagnall, Senior Consultant, ConsultingWoodworker.com; 8/24/2012; 9:00 a.m.-11:00 a.m.
- >>> Systems for Sales: Using Software for Sales Success (MKT4); Rick Hill, President: Woodreps. com; 8/24/2012; 1:00 p.m.-2:30 p.m.
- >> How to Use Dyes (MFG1); Mitch Kohanek, Instructor: DC Tech

- College; David Smith, President: Fresh Air Finishers; 8/24/2012; 1:00 p.m.-3:00 p.m.
- Color Matching (MFG2); Mitch Kohanek, Instructor, DC Tech College; David Smith, President: Fresh Air Finishers; 8/24/2012; 9:00 a.m.-11:00 a.m.
- Lean Manufacturing and the Theory of Constraints (MFG3); Bob Buckley, President: True 32 Custom Cabinetry; 8/24/2012; 9:00 a.m.-10:30 a.m.
- Lean 2.0 Workplace Organization on Steroids (MFG4); Jim Lewis, Principal: The Center for Lean Learning; 8/23/2012; 1:00 p.m.-2:30 p.m.
- >> Automating Your Shop: What Comes First? (MFG5); Kevin Ward, Owner, A Ward Design; Eric Ward, Consultant, A Ward Design; 8/23/2012; 9:00 a.m.-10:30 a.m.
- Mass Customization (MFG6); Urs Buehlmann, Associate Professor, Virginia Tech; Russ Kahn, Product Manager: 2020 Technologies; Charles Griffiths, President, Vigilant, Inc.; 8/22/2012; 1:00 p.m.-3:00 p.m.
- >> Increasing Lumber Yield With ROMI (MFG7); Urs Buehlmann, Associate Professor, Virginia Tech; R. Edward Thomas, Research Computer Scientist, USDA Forest Service, Northern Research

Here are some of the courses offered: Wednesday, August 22: Marketing 101: Basic Advertising and Marketing Techniques, 9-10:30 a.m.; Marketing 102: Business Strategies in Changing Markets, 12:30-2 p.m.; Sales 101: Qualifying a Sales Prospect, 3-4:30 p.m. Thursday, August 23: Pricing 101: The Art of Pricing Profitably, 9-10:30 a.m.; Finance/Insurance 102: Insurance 101 - A Primer on Commercial Insurance. 12:30-2 p.m.; Ethics 101: Running an Ethical Woodworking Business, 3-4:30 p.m.;

Station; Timo Grueneberg, Postdoctoral Research Associate: Virginia Tech; 8/24/2012; 1:00 p.m.-3:00 p.m.

- >> How to Specify Engineered Hardwood Products (MFG8); Kip Howlett, President: HPVA; Alan Hubbard, Face Sales Manager: Veneer Technologies; Richard Poindexter, Specialty Products Manager: Columbia Forest Products; Brian Sause, HPVA Director of Standards-Certification and Testing: HPVA; 8/22/2012; 9:00 a.m.-10:30 a.m.
- >>> Leapfrog from Laminate to High End Concrete (NBS1); Lane Mangum, VP Business Services: CCI; Jeffrey Girard, President: Concrete Countertop Institute; 8/24/2012; 9:00 a.m.-10:30 a.m.
- >>> Training, Standards, and Certifications in the Industry Today (NBS2); Karl Forth, CabinetMakerFDM; Scott Nelson, President: Woodwork Career Alliance of North America; Dave Grulke, Executive Director: Cabinet Makers Association: Patrick Molzhan. President: WoodLINKS USA; 8/23/2012; 9:00 a.m.-11:00 a.m.
- >> Working With Designers & Architects (NBS3); Joe Knobbe, Board of Directors, CMA; 8/23/2012; 1:00 p.m.-2:30 p.m.

Automating Your shop (CMA CEU), 9-10:30 a.m.; Moving from Residential to Commercial Woodwork (CMA CEU), 1-2:30 p.m.; Working with Designers & Architects (CMA CEU), 1-2:30 n m

Friday, August 24: Finance/ Insurance 101, 9-10:30 a.m.; Wood 101: The Basics of Wood Properties, Sawing, Shaping, Gluing and Fastening, 12:30-2 p.m.; Finance/Insurance 103: Cost/Benefit Analysis Systems for Major Business Investments, 3-4:30 p.m.; Lean Manufacturing and Theory of Constraints (CMA CEU), 9-10:30 a.m.

#### **Education sessions** for every interest

With everything there is to do and see at the IWF show, many attendees don't have time for a full day of a symposium, but they shouldn't pass up the great educational offerings in the stand-



Attendees in the know have long rated the education sessions at IWF as one of the best values of attending the show.

alone education sessions that occur throughout the show.

Typically, the sessions cover 1-1/2 to two hours and feature expert speakers ready to provide up to the minute information targeted at a specific area of interest. You can get detailed information about all the sessions at http://www.iwfatlanta.com/ education/educationhome. <



See us at IWF, booth 1460



### Biesse to exhibit new product ranges and technology at IWF

Biesse S.p.A., a producer of machinery and systems for processing wood, glass, stone and other materials, with its North American subsidiaries Biesse America and Biesse Canada announced that the companies will participate in IWF 2012 in Atlanta, taking place August 22-25.

"Biesse has decided to exhibit at this edition of IWF due to the tangible signs of recovery we see in our industry," said Federico Broccoli, President and CEO of Biesse America and Canada

Biesse will showcase many new product ranges focused on flexibility, productivity and lower operating costs, as well as innovative "green solutions" that benefit customers by

reducing energy cost and consumption. Product specialists will be in the Biesse exhibition booths to educate and explain the latest trends and technology designed to reduce set up time and increase productivity in a low-batch environment.

"Our booth will be ready with many 'all new' CNC machines," said Broccoli, "as it's important for our customers to get reconnected with the latest flexible and technologically advanced solutions required to become more competitive and generate more profit in this totally new market."

For more information about Biesse at IWF, contact marketing@biesseamerica.com or call 704.357.3131.

#### WMMA hires new management, moves offices

The Wood Machinery Manufacturers of America (www.wmma.org), a national trade association for makers of machinery, cutting tools and supplies for the woodworking industry, has moved its management operations to Maryland, and will now be managed by Stringfellow Management Group, an association management company.

Stringfellow Management Group staff who will be serving WMMA are: Fred Stringfellow, executive director; Diane Schafer, director of meetings; Laura Izzo, member services coordinator; Mary Helen Sprecher, director of marketing & communications; Amy Chetelat, director of finance; and Barb Signorelli, finance manager.

New contact information for WMMA is: 2105 Laurel Bush Road. Suite 201. Bel Air, MD 21015, phone 443.640.1052.

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#### Dodds to introduce new dovetail machines at IWF

Alexander Dodds will be showcasing new dovetail drawer machinery technology at IWF 2012. The SE-1CNC-D dovetail machine will be introduced for the first time at IWF. This model is a re-designed CNC system with a user-friendly operator interface touch screen. The system is designed to alert the operator of any misalignments or positioning errors prior to cutting any parts. The machine also has the built-in flexibility of being able to cut standard dovetails, multi-width dovetails, box joints, and optional French dovetails, and a production rate of 40-60 drawers an hour.

The SE-1CNC-PS dovetail machine includes everything found in the SE-1CNC-D model but also features fully programmable side stops which automatically move into position once the part description is loaded into the touch

screen. This machine is completely servo motor controlled for precise accuracy time after time. Features include dramatic reductions in user errors, easy to operate, faster set-up times, and consistent quality production.

Dodds will also show and demonstrate the SE-1-A, a single spindle manual machine for the smaller shop that wants control of producing dovetail drawers in-house. This easy-to-use dovetail machine is easily moved around the shop floor and will outperform hand-made dovetail cuts using routers, jigs and fixtures every day of the week. Stop by booth #5813 at IWF and find out more about the entire line of Dodds dovetail equipment including single and multiple-spindle machines. reconditioned multi-spindle machines, gluers, clamps, doubleend machines and 'specialty' machines.

#### Watch for IWF Deals of the Day

From Wednesday to Saturday, during IWF, local attractions, tours and restaurants are offering special deals to IWF attendees. The best five deals will be featured each day, and include High Velocity, Baja Fresh, City Segway Tours,

Johnny Rockets, CNN Studio Tour, Sway, Thrive and Truva. Check Deals of the Day at www.atlanta.net/iwf.





### New panel processing technology displayed at IWF by Schelling America/IMA America

The IWF 2012 exhibition August 20-23 will include the latest in panel processing technology, including the Schelling FH6 Duplus Panel Saw with board inventorystorage system at the Schelling and IMA booth 6446/6434

In Atlanta, Schelling will demonstrate the new fh6 auto-loading panel saw equipped with Schelling's Duplus2 feeder system for staggered cutting patterns. The machine will also be equipped with Schelling's special Evolution saw carriage, a turning device for head cuts and first-to-the-market fully automatic label printing system. For the first time in the U.S. market, Schelling will also show the VS12 fully automatic board storage and retrieval system supplying the fh6 panel saw with material.

The IMA BIMA 400V will be displayed at IWF. A four-axis CNC machining center with edgebanding capabilities,

this machine shapes, edgebands and finishies irregular-shaped panels automatically. The machine to be displayed in Atlanta will also be able to shape, edgeband and trim lightweight panels by shaping the panels, inserting a support edge and applying the decorative edge.

The IMA Novimat Contour, a CNCcontrolled heavy-duty industrial edgebander for edgebanding and finishing of a variety of different products, will also be displayed at the Atlanta exhibition. Edgebands can vary from thin tape to 3 mm PVC or ABS edgeband, HPL strips or solid wood lippings up to a maximum thickness of 20 mm. The machine can process parts at a maximum speed of 30 m/min.

During the show, Schelling and IMA will showcase the capabilities of each of their machines by producing a variety of footstools. Watson Furniture will also be

involved in this effort at the show. At the end of the show, these pieces will be donated to Atlanta's chapter of Habitat for Humanity.

Visitors to booth 6446/6434 will have a chance to win an iPad, iPod Touch, or iPod Nano Prizes will be mailed to winners after the show. To enter, you must have your badge scanned at the booth.

The booth will be full of Schelling America and IMA America service technicians, engineers and sales managers, all available to answer any questions about the latest technology as well as show attendees' current Schelling and IMA machinery.

Also, a press conference will be held on August 23 at 8:30 a.m. in Schelling and IMA's booth 6446/6434 to discuss recent developments Schelling and IMA have made in the industry. Contact Virginia Hoskins at Virginia. Hoskins@ima. schelling.com for more information.



#### ISFA to host countertops symposium at IWF in Atlanta

The International Surface Fabricators Association will host a countertops symposium at IWF, at the Georgia World Congress Center in Atlanta, on Aug. 21.

The symposium, "Exploring Countertop Options: Turning Opportunity into Profit," will provide information to countertop fabricators, cabinetmakers and casework providers who are exploring best practices for resourcing within the countertop market.

The symposium will cover:

- >>> Residential and Commercial Operations
- >> Information on a Variety of Countertop Materials
- >> Discussions on Machinery & Equipment
- >>> Working with Architects/Specifiers

- >> Outsourcing vs. In-house Fabrication
- >> New Cutting Edge Materials
- >>> Gearing Up Your Shop for Fabrication
- >> Countertop Trends
- >> Industry Forecast Information
- >> Differences Between Casework and Countertop Operations

Speakers include Russ Berry, president of ISFA and Allegheny Solid Surface Technologies: Mike Nolan, ISFA director of education and president of Windbound Countertop Co.; Dave Paxton, vice president, Paxton Countertops; and Kevin Cole, ISFA communications director and editor. Countertops & Architectural Surfaces magazine.

For more information, contact iwf@iwfatlanta.com, or ISFA at 301.662.7319 or www.isfanow.org.

#### **Air Handling Systems** plans combustible dust, dust collection seminar

Air Handling Systems will be presenting two free seminars as part of the Technology Theatre at IWF. "Combustible Dust - an Explosive Issue" will cover: What is Combustible Dust? Who's in Charge? Can it Happen in My Facility? and Prevention! Presented by Jamison Scott. Thursday, August 23 from 10:00-10:20 a.m. in Building B.

"Woodshop Dust Collection - How much air do I need?" Will cover - How much CFM (cubic feet per minute) is required for a hood outlet diameter. Additionally, manifold sizing for multi port moulders and multi port wide belt sanders will also be discussed. Presented by Curt Corum. Thursday, August 23 from 10:30-10:50am in Building B.

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## 2012 IWF Challengers nominees announced



IWF recently announced the nominees received for the 2012 Challengers **Awards** competition.

Accu-Systems, Inc	Panel Sizing & Squaring Machine
Allmoxy	The Wood Marketplace
Benz Inc	Turbo Floating Aggregate Head
Bessey Tools North America	Bessey Auto-Adjust
	Toggle clamp
Biesse America	Viet sander
Biesse America	N.C Drilling Center
Biesse America	Biesse Automated Nestling Cell
Bishop-Wisecarver Corp	QuickTrak
Bishop-Wisecarver Corp	MadeWell Radial Wheels
Blum, Inc	Tandem plus Blumotion
Blum, Inc	Compact Blumotion
Cim-Tech	Solid-CIM 3D
Colonial Saw Co., Inc	Lamello Zeta P2 Joiner
Columbia Forest ProductsMP>	(Smoth, Domestic, All-Wood Core
Custom Accents / Handisolution	onsHelix Cable Manager
Deulen ToolsDeu	len Jointer/Planer Knife Sharpener







AVAILABLE WITH EITHER CONTEMPORARY (VERSA) OR CLASSIC (SHAKER FRAME) STYLING, THESE DOORS FEATURE 3D DESIGN AND ALL THE NATURAL AND AUTHENTIC BEAUTY OF WOOD COUPLED WITH COCONUT. OUR EXCLUSIVE, INNOVATIVE TROPICAL STYLE COLLECTION IS BOTH FRIENDLY AND RESPECTFUL OF THE ENVIRONMENT BECAUSE IT OPTIMIZES WOOD USE BY RECYCLING COCONUTS.

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Dieffenbacher, Inc	
Element Designs Inc	Aluminum frame cabinet door
ETemplate Systems	Etemplate Combo
FS Tool Corp. / FS Curing	Aerotech Universal
Giben America, Inc.	Prisma6000 ECOtech
Graco, Inc	Merkur ES
Graco, Inc	ProMix 2KE
Graco, Inc	Agitator Speed Controller
Graco, Inc	ACS Module
Hafele America Co	SmartCab Storage System
Hafele America Co	Slido With Smuso
Hafele America Co	Frontino
Hettich America	ArciTech
Interprint, Inc.	Premeer
Invis (North America), Inc	Invis Mx Minimag
James L. Taylor Mfg / JLT Clamps /	
Cameron Automation	Cameron Flooring Nester
James L. Taylor Mfg / JLT Clamps /	
Cameron Automation	The Skew
Kanefusa USA IncUFO(U-fo	ormed) planer head and knife
KCD Software	Real-Time Rapid
	Response Training System
Kings Mountain Intl	My KMI
Kremlin by	EOS Pump Systems with
Exel North AmericaX	cite Airmix Manual Spray gun

Leitz Tooling Systems, Inc
Free Technology Finishes
Martin Woodworking
Machines CorpMartin T75 Sliding Table Saw
Maximum, LLCSure Stop Lazy Susan Bearing and Detent
Micro Jig, Inc Micro Jig GRR-Ripper
Milesi USAHydrocrom Exterior Water Base Wood Coating System
Miltec UV Gloss Control UV Finishing
Mohawk Finishing ProductsBrush Tip Grainging Markers
Newman Machine Co., Inc EQ3 Equalizing Module
Nordson CorpPURBlue 4 PUR Adhesive Melter
Northern Apex CorpRFID for the Wood Working Industry
Oneida Air Systems, IncDust Cobra
OSI Wood MachinerieSelf-centering planer
OSI Wood MachinerieSmartSwitch process
Panel Processing Eco-Finish Woodgrain Print
Prevost Corp One-push Safety
Prime Estimating & Software Services, LLCPrime6400
QuickScrews International Corp Spiral Point Funeel Head Screws
Rev-A-Shelf, Inc
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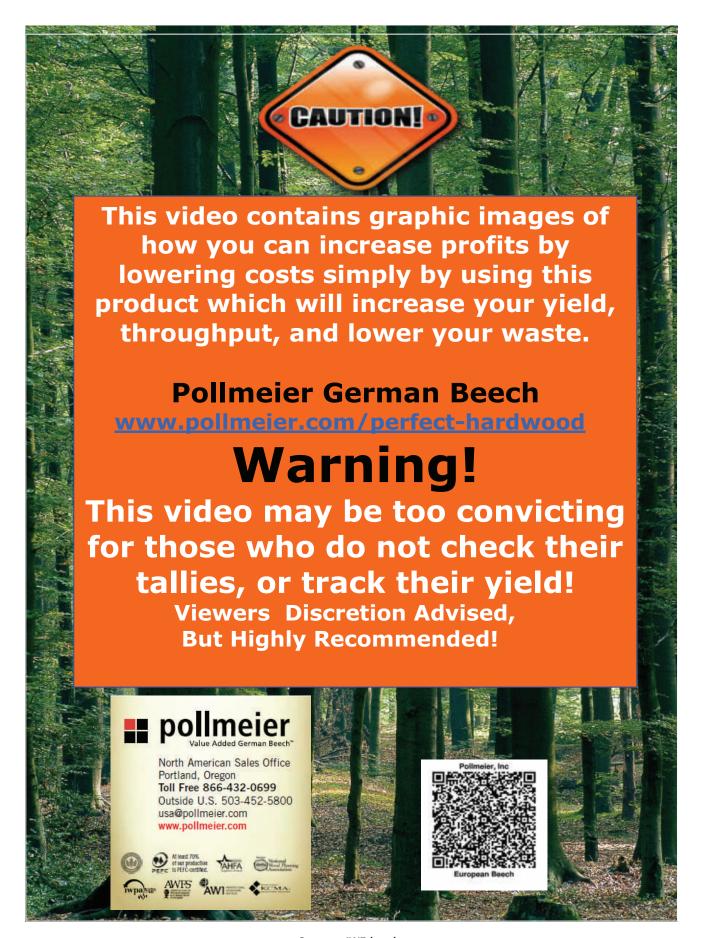
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#### CHALLENGERS NOMINEES

Sherwin-Williams Co	Sher-Wood Water-	
	Reducible Zero VOC Spray Stain	
Sherwin-Williams Co	Sher-Wood F3 -	
	Formaldehyde Free Finishing	
Stiles Machinery Inc. Venjakob	automatic coating change system	
Stiles Machinery Inc	IntelliStore	
Stiles Machinery Inc	LED Lighting	
Stiles Machinery Inc	Weeke vertical machining center	
Techniks, Inc.	Atemag Extra Plus Aggregate	
The Moisture Meter Co., LLC -	- AB BrookhuisMTG-TGT Module	
TigerStop LLC	SawGear with Crown+MiterPro	
	CNC Profile Sander	
	Tisfoon Scanner	
	High Gloss Melamine Finish	
	C-Automatic Dryer Exhaust Control	
	Vollmer CP200 Top & Face Grinder	
	Table Shaper/Sander	
	The Weinig CUBE	
Weinig / Holz-Her		
	Stainable Prints	
Whiteside Machine Co	Ultimate Trim Bit	
Wood Technology, Inc Electric Height Adjustable Desk Frame		
WoodEye North America, Inc	WoodEye 5	





# IWF Challengers finalists announced for 2012

Accu-Systems and Timesavers were also included among 2010 finalists.

IWF 2012 has announced the finalists in the 2012 Challengers Award competition. Here is a list of companies, the product, and the booth number at this vear's IWF exhibition. Accu-Systems, Inc.: Panel Sizing & Squaring Machine ...... 6569 Bessey Tools North America: Bessey Auto-Adjust Toggle clamp ...... 4534 Biesse America: Biesse Automated Nestling Cell.....6735, 6769 Blum, Inc.: Tandem plus Blumotion. 2637 Cim-Tech: Solid-CIM 3D.....5820 Giben America, Inc.: Prisma6000 ECOtech......6712 Hafele America Co.: Frontino......2307 James L. Taylor Mfg./JLT Clamps/ **Cameron**: Automation

Cameron Flooring Nester......6412

planer head and knife ......5140

Kanefusa USA Inc.: UFO(U-formed)

#### Martin Woodworking Machines Corp.: Martin T75 Sliding Table Saw......6748 Miltec UV: Gloss Control UV Finishina......6534 Newman Machine Co., Inc.: EQ3 Equalizing Module ...... 5352 Stiles Machinery Inc.: Venjakob automatic coating change system...... 7535, 7935, 8135, 8155

The winners will be selected during the **IWF** exhibition Aug. 22-25.

#### Stiles Machinery Inc.: Weeke vertical machining center...... 7535, 7935, 8135, 8156 Techniks, Inc.: Atemaa Extra Plus Aggregate......5239 TigerStop LLC: SawGear with Crown+MiterPro.....5929 Timesavers. Inc.: CNC Profile Sander ......6426 Tisfoon Ulterior Systems: Tisfoon Scanner......6076 Voorwood Co.: A11 Table Shaper/Sander.....5763 Weinig/Holz-Her: The Weinig Cube......7555, 7955 Companies listed here also reaching

The Challengers winner will be announced during the Aug. 22-25 exhibition. See www.iwfatlanta.com for more details. <

the finalist stage in 2010 included only

Accu-Systems and Timesavers.

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# Find new technology at IWF 2012

A few suggestions of places to go and companies to see for new product ideas.

Looking for new technology and new companies to see at IWF? Here are a few places to start.

>>> Kreg precision beaded faceframe system uses a process of precise notching of rails and stiles to simplify a standard beaded face-frame construction. It eliminates

the need to make intricate cuts on a table saw, fit and refit miters, or purchase a large specialized machine. The end result is more consistent and with far less effort than before. Kreg Tool Co. Booth 6434.

>>> Counter-A-SYST was developed by CounterBalance Corp., the makers of counterbalance systems. The counterbalance is a product designed to neutralize the weight of moving countertops. The Counter-A-SYST counterbalance is specifi-

cally engineered for application on "lift gate" counters; a vertically moveable countertop. The counterbalance works by using a flexible bar that stores mechanical energy when twisted. The twisting process, (torsion), is applied to the bar as the countertop moves in an upward or downward motion. The torsion neutralizes the weight of the countertop making it virtually weightless while in motion. The counterbalance also allows mid-air suspension at any desired position within the countertops full range of motion. CounterBalance Corp. Booth 1344.

>> IntelliCarve Model 1015 is a three-axis CNC controlled carving machine capable of transferring threedimensional images onto a workpiece. The IntelliCarve is capable of handling a maximum work piece dimension of 15 x 20 x 4 inches. Capable of working with wood, plastic, ceramic, corian, avenite, plexiglass or other comparable materials, the IntelliCarve performs cutting, engraving, etching, or routing. It can be used for engraving signs, transferring digital pictures, 3D carvings, intricate parts for projects or even lithophanes. Oliver Machinery Co. Booth 6869.



>> Touch and Go program-

mable stop is the latest accessory available for Swiss-made Striebig vertical panel saws for increased productivity and digitally accurate and repeatable cuts. This new option allows the user to send the stop to a position entered on the touch screen color monitor or to a previously saved dimension. The operator also has the option to open a cut list at the saw via the company's network or a portable USB drive. This customized programmable stop is manufactured in the U.S. and available exclusively through Colonial Saw. Colonial Saw Co., Inc. Booth 6252.

# >> MPI-400 UV curing system

is Miltec's new 400 watt-per-inch electrodeless UV system designed for maximum UV cure efficiency. It can be used for high speed curing processes that require high peak irradiance. A major benefit of Miltec's new MPI-400 is the ability to operate several different types of bulbs, each with different spectral output. The engine that powers this UV system is the MP-400. Its modular design allows it to retrofit existing microwave-powered UV systems. The MP-400 also has

two selectable power levels which can automatically or manually be controlled as a function of production speed to prevent overheating and over-curing at slow production speeds. Miltec UV. Booth 6334.

## >> 3M-S Press Laminator is a

full-featured press laminator that offers mating backers (dissimilar surfaces) up to 2 inches thick and application of overlays (clear or printed film such as prefinish). It can apply non-toxic adhesives: thermoset, thermoplastic, peel and stick and hot melt. It preapplies membrane/vacuum press adhesives to vinvl. foil. wood veneer and fabric and can bond most any surface to another. Small footprint (approx. 3 x 6 feet x 63 inches). Lenderink Technologies, Inc. Booth

>> Magswitch workholding system

allows the user to work faster and safer by bringing this new line of workholding devices to the table tops and securing them in place with switchable magnets. With each piece sold separately the user can start with the starter kit and choose the attachments that best fit their needs. Resaw guides, work supports, reversible featherboard, the ultimate thin stock jig/rip guide and the universal track allow for hundreds



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- RediShelf Cut to size shelving
- Ultrablend Particleboard
- Skyblend Particleboard













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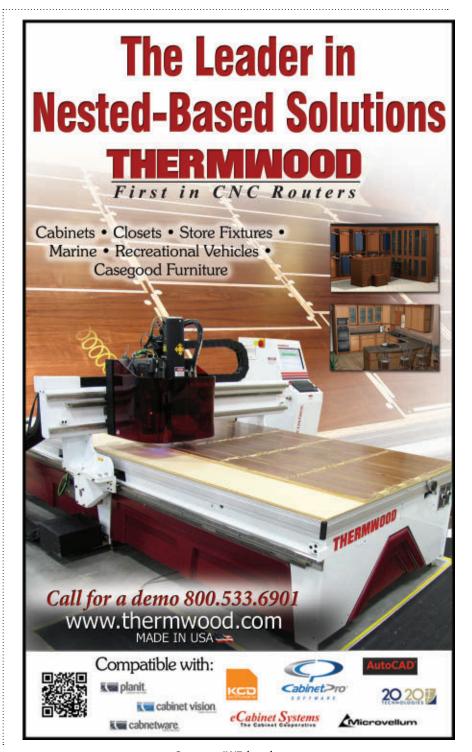
of uses on any cast iron table. Magswitch Technology. Booth 7058.

- >>> Graco's Merkur bellows pumps feature an improved bellows seal design that eliminates throat seal leakage and lubrication. The 300 series stainless steel pump construction provides durability and superior handling of shear-sensitive materials, including UV coatings and waterborne materials. The air motor features rapid changeovers, resulting in minimal pulsation, no stalling and precision control even at low input pressures: ultimately providing even, consistent finishes. Merkur Bellows pumps are also available with DataTrak, an integrated local monitoring system providing material tracking, system diagnostics and runaway control. Graco Inc. Booth 2455.
- >>> UniSoft soft-close door adapter mounts independently in the corner of a cabinet using any self-closing hinge in a frame or frameless application. UniSoft enhances the functionality as a retro-fit product and makes every cabinet close smoothly and quietly. It features a brushed nickel finish in a sleet design. The non-handed adapter mounts with one screw. Closing speed of the UniSoft can be adjusted by turning the accessible screw at the back, Grass America Inc. Booth 2137.
- >>> Combi-Cam Ultra is the first combination cam lock with master key override and code retrievable capabilities. It has 10,000 possible combinations available and master key access, allowing for dual access. Easy-to-use knob with distinct open and close indicators, and no housing to rotate which can deface surface. Master key allows users to override the current combination. and retrieve the current combination. It offers higher security, pick resistant keyways, for locker applications, cabinets, drawers and storage. FJM Security Products. Booth 1412.
- >> 4TT Series tambour table from Rev-A-Shelf is designed for 24 drawers and adds 31-3/4 inches of counter space to a kitchen. The 4TT uses mechanical slide advancement that fea-

tures stop locks to extend and retract instead of using a string and is drawer mountable using the company's patented AMB brackets. Constructed of solid wood it requires a 20-1/2 x 5-inch cabinet opening and is CARB II compliant. Rev-A-Shelf, Inc. Booth 2931.

>>> Deulen jointer/planer knife

sharpener is designed to allow someone with no previous sharpening experience to achieve sharp jointer and planer knives. No measuring tools or angle adjustments needed. No power tools are required. No expensive material waste due to tear-out from dull blades. Deulen Tools. Booth 7123.



# **Atlanta attractions** new for IWF 2012

Visitors to IWF will be able to choose from a number of new attractions and improvements.



Alma Cocina, by Fifth Group Restaurants, opened in December in the One Ninety One Peachtree Tower in downtown Atlanta. Alma Cocina serves Mexican and Latin American specialties by head chef Chad Clevenger, who has worked with chefs such as Rene Ortiz, Jesse Perez, Rick Bayless and Tim Love. Down the road at 270 Peachtree Street, White Oak Kitchen and Cocktails is scheduled to open in early 2012 and will feature contemporary Southern cuisine from inland areas. The 17,000-square-foot restaurant seats more than 300 guests and offers three private dining rooms.

# Georgia Aquarium expands with new dolphin exhibit

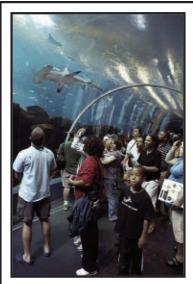
The Georgia Aquarium, in partnership with AT&T, opened a multi-million dollar dolphin exhibit. The aquarium is very close to the GWCC. Dolphin Tales is the largest expansion to date for the aquarium and includes a viewing gallery, a 25-foot-long underwater viewing window, interactive displays and a live theatrical show incorporating dolphins and live actors

# **Legoland Discovery Center** opens at Phipps Plaza

A \$12 million Legoland Discovery Center opened in March at Phipps Plaza, a major shopping destinations. This highly interactive and educational indoor

World of Coca-Cola has a secret: the 125-year-old formula.





Georgia Aquarium has expanded with a new dolphin exhibit.

experience features a range of play areas, a laser ride, a 4D cinema and an exhibit designed of Lego's to reflect the Atlanta skyline.

# Atlanta airport improves accessibility

The latest improvements to Hartsfield-Jackson Atlanta International Airport include a \$5.4 billion development program which will expand, repair and upgrade designated areas within the airport's facilities. In May, a new international terminal was expected to be completed, allowing passengers to access the landside without having to use an automated people mover. It will include access to the roadway, a parking structure and a provision for the southern MARTA extension to the terminal. Concourse E is expanding with 900,000 new square feet, 12 additional gates, two levels of curb-front parking and approximately 1,100 public parking spaces adjacent to the terminal.

# **Piedmont Park gets** a 53-acre expansion

Looking for somewhere to relax after the show? Piedmont Park has gained new parkland with landscaped pathways through woodlands, open meadows, open play areas, basketball courts and an interactive fountain similar to the rings of Centennial Olympic Park. Visitors can already enjoy new developments like an expanded dog park, a state of the art pool, reclaimed green space with bocce courts and a restored bathhouse.

Hyatt Regency Atlanta completes \$65 million renovationIn December 2011, Hyatt Regency Atlanta completed a \$65 million renovation. Changes include updates to the hotel's entryway, guest check-in, Atrium Lobby and Atrium Tower guest rooms, the 30,000 square foot Centennial Ballroom and the addition of Sway, a new southern-inspired restaurant.

# Coca-Cola secret formula finds new home at World of Coca-Cola

On Dec. 8, 2011, the Vault of the Secret Formula exhibit opened at the World of Coca-Cola, featuring the vault that now contains the 125-yearold secret formula for Coca-Cola. The



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# ATI ANTA ATTRACTIONS

Coca-Cola Co. moved the formula from SunTrust Bank to the World of Coca-Cola prior to the opening of the exhibit, where for the first time in history, the vault containing the recipe is now visible to the public.

# Fernbank Museum opens NatureQuest exhibit

Fernbank NatureQuest opened on March 19. The nearly 7,000 square-foot exhibition is one of the most significant additions to the Fernbank Museum since the world's largest dinosaurs moved into Fernbank's Great Hall in 2011. This all-new \$8 million exhibition will offer a different kind of museum experience. with interactive encounters through an immersive, nature-inspired environment with live animals and hands-on learning.

# Stone Mountain Park announces Geyser Towers

Stone Mountain Park announced plans to debut its latest attraction. Geyser Towers opened March 31, 2012 and brings an all-new experience to Stone Mountain Park. The attraction features multiple levels of suspended rope bridges and net tunnels, connecting visitors to towering platforms that overlook a gushing geyser

# Six Flags Over Georgia celebrates its 45th season

Six Flags Over Georgia celebrates its 45th season in 2012. The park introduces its newest feature called iLuinate. an all-new show in the dark featuring stateof-the-art light-up costumes and lighting effects. The 20-minute show will run three times a day and is featured at an indoor theater which seats 250-300 people. iLuminate opens Memorial Day Weekend and will run through the summer season.

# Loews Atlanta Hotel anchors 12th and Midtown

Loews Atlanta Hotel is the new centerpiece of 12th & Midtown, a mixed-use development. With 414 guest rooms, more than 25,000 square-feet of ballroom and meeting space and eleven Restaurant, the hotel opened in 2010.

# Westin Peachtree Plaza completes large-scale exterior hotel

The Westin Peachtree Plaza replaced all 6,350 windows in the 73-story hotel with the goal of restoring the hotel as a focal point of Atlanta's skyline. Designed by

John Portman in 1976, the Westin Peachtree Plaza is a 73-story tower. topped by the tri-level, revolving Sun Dial Restaurant Bar & View. The Westin Peachtree Plaza is the fifth tallest building in Atlanta and remains the tallest hotel in the Western Hemi-



# **Design Emphasis finalists** announced by IWF

# Winners will be announced during Aug. 22-25 show.

IWF has announced the finalists in the Design Emphasis competition. The winners will be announced during IWF 2012, Aug. 22-25:

- Benjamin Billick Reveal Table, Accent Furniture/Accent Tables (Parsons The New School for Design)
- Jacob Blok Coffee Table, Accent Furniture/Accent Tables (Kendall College of Art and Design)
- Jacob Blok Syamore & Stainless Steel Hall Table. Accent Furniture/Accent Tables (Kendall College of Art and Design)
- Yael Cohen Engagement Coffee Table, Accent Furniture/Accent Tables (University of Bridgeport SASD)
- James Ellis Corner Cabinet, Accent Furniture/Accent Tables (Western Piedmont College)
- Kyle Emme Poise End Table, Accent Furniture/Accent Tables (Kansas State University)
- Noah Fiorentino Coffee Table, Accent Furniture/Accent Tables (Haywood Community College)
- Chad Griffith Duevole, Accent Furniture/Accent Tables (Auburn University)
- Douglas Larson La Fleche Stool, Accent Furniture/Accent Tables (Jefferson Community and Technical
- Brandon Skupski X-Flat table, Accent Furniture/Accent Tables (Haywood Community College)
- Jacob Blok Dresser, Case Goods (Kendall College of Art and Design)
- James Ellis Twisted Console, Case Goods (Western Piedmont College)
- James Ellis Kitchen Island with Butcher Block, Case Goods (Western Piedmont College)

- David Freeman Zig Your Zag, Case Goods (Herron School of Art and Design)
- Jordan Kear Maple Cabinet, Case Goods (Tennessee Tech University [Appalachian Center for the Crafts](
- Karen Lara Bookshelf, Case Goods (University of Oklahoma)
- Sierra Cuda Desk, Commercial/Office/ Hospitality (Kansas State University)
- Eugene Ducks Wright Bench, Commercial/Office/Hospitality (Appalachian State University)
- Paige Fruits Buffet Table, Commercial/ Office/Hospitality (University of Oklahoma)
- Richard Lubrano Astro Table. Commercial/Office/Hospitality (University of Bridgeport)
- Samantha Mallard Courting Chair, Commercial/Office/Hospitality (Haywood Community College)
- Bandon Skupski Passing Through Bench, Commercial/Office/ Hospitality (Haywood Community College)
- Christopher Stuart Tonal Bench, Commercial/Office/Hospitality (Herron School of Art and Design)
- Justin Brown Zwei Desk, Commercial/ Office/Hospitality (Columbus College of Art and Design)
- Jassim Al Nashmi Canvon Table. Design Creativity (Iowa State University)
- Ini Archibong Stargazer Lounge, Design Creativity (Art Center College of Design)
- Jacob Blok Jewelry Cabinet, Design Creativity (Kendall College of Art and
- Chelsea Byers Ataraxia Swing Bed, Design Creativity (Auburn University)
- Michael Demarco Lamp, Design Creativity (Appalachian State University)
- Zach Eastburg Ember Stool, Design Creativity (Art Center College of Design)

- Elmar Fujita Lift Table, Design Creativity (Parsons The New School for Design)
- Cierra Myers Chair, Design Creativity (Kansas State University)
- Matthew Osborn Circle Table, Design Creativity (Herron School of Art and Design)
- John Rice Little Red Table, Design Creativity (Kansas State University)
- Steven Sander Cherry Stick Bench, Design Creativity (Herron School of Art and Design)
- Christopher Stuart Alfred Slab Table, Design Creativity (Herron School of Art and Design)
- Victoria Beaulieu Lounge, Seating (Kansas State University - Interior Arcitecture & Product Design)
- Brittany Boyne Poplar Chair, Seating (Miami University)
- Kathleen Chang Crocodile Chair, Seating (Auburn University)
- Mo Chieng Embrace Chair, Seating (Art Center College of Design)
- Alex Dorfman Panama Chair, Seating (Purdue University)
- Beth Dringenberg Flex Chair, Seating (Kansas State University)
- Derek Elliot Patio Chaise, Seating (Appalachian State University)
- Josh Goldstein Pivot Chair, Seating (Kansas State University)
- Kurtis Heinen La Rama Chair, Seating (Kansas State University)
- Samantha Mallard Stretch Chaise, Seating (Haywood Community College)
- John Rice Steam Bend Chair, Seating (Kansas State University)
- Austin Richards Xylem Chair, Seating (Appalachian State University)
- Jacinta Stecklein Fleur Chair and Ottoman, Seating (Kansas State University)
- Angela Wang MA Chair, Seating (Art Center College of Design)

See www.iwfatlanta.com for more information on the show and the competition. <

# Made In America

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here has never been a better time to buy American than now", stated John Schultz, president of Super Thin Saws and president of the Wood Machinery Manufacturers of

America (WMMA).

"The WMMA was one of the sponsoring organizations for the recent Woodworking Industry Conference in Delray Beach, Florida. WIC 2012 was an eye popping four days of business meetings, speakers from the wood industry and numerous discussions pertaining to our economy, the

world economy, and



The WMMA Ralph B. Baldwin Award went to Tom Onsrud of C.R. Onsrud, left, with Jim Laster, center, and John Schultz.

American jobs".

The message was loud and clear, Schultz came away from that conference with an enthusiastic appreciation that woodworkers in America are striving to drive their productivity forward and looking to American suppliers to think outside the box, and find innovative new ways to support them in their efforts.

Over the past few months the news has reported how Bruce Cochrane, Lincolnton Furniture has re-established furniture manufacturing away from China and has brought it back to America. But he is not the only one, Wyatt Bassett, Vaughan-Bassett spoke at WIC and discussed their plans of expanding

into another plant and have been and are going to continue manufacturing in the

US. Wyatt told the attendees what they are looking for from their suppliers and opened the floor to a vigorous discussion. Stanley Furniture, Micah Goldstein, COO/CFO, addressed the crowd through a large Skype presentation with the message that they are dedicated to manufacturing groupings of their products in the US and need to look at new manufacturing methods and efficiencies. And the stories of furniture manufacturing in the US seem to continue to multiply in the news media!

WIC also saw in person Chris Watson, COO, Conestoga Wood Specialties, Henry Juszkiewicz, CEO, Gibson Guitar, and through Skype technology, Alex Ward from Northland Forest Products, Stuart Elfland, president, Metropolitan Cabinets and Bonner Adams, president for MacKenzie Dow Furniture. Each of these companies was excited to share their present and future plans for growth and better manufacturing methods. "The messages were positive, even though the economy isn't what we would like to see, American ingenuity and drive are overcoming obstacles." explained Schultz.

"I believe the woodworking industry is pushing forward aggressively and looking at American technology and innovation to help them improve their global position. And I believe the upcoming International Woodworking Fair 2012 is going to be a beehive of energetic discussions between woodworking companies and machinery manufacturers."





# "There's Never Been a Better Buy

# See these WMMA members at IWF 2012.

A & H mustries mc 6463	C
Accu-Systems, Inc 6569	C
AceCo Precision Manufacturing	C
Air Handling Systems 5800	C
American Adhesive Coatings, LLC2516	D
American Fabric Filter Co 1873	D
American RENOLIT Corporation 1827	D
American Wood Dryers, Inc6571	D
Apquip Company 5554	
<b>ARMINIUS Tooling, Inc.</b> 5274	F
Axiom Industries, Inc 5374	F
Baker Products 5135	F
Becker Pumps Corp 5459	F
<b>Black Bros. Co.</b> 5713	F
<b>Box on Demand</b> 5047	F
Carter Products Company, Inc 5501	F
<b>Castle, Inc.</b>	F
<b>CERATIZIT</b> 5747	1
CLN of South Florida, Inc 7056	G

CompX International 1	1931
Cresswood Shredding Machinery	5428
CRP Industries Inc. / Perske . (	5912
CSE Automation, LLC	6177
Deimco Finishing Equipment4	1865
DELTA Power Equipment Corporation	6729
Dodds Company, Alexander	5813
Dubois Equipment Company, Inc	6935
FELDER Group USA6	5752
Felins USA, Inc.	5701
Finishing Brands2	2411
Flamex, Inc.	5323
Flexible Materials, Inc	1431
Franklin International2022, 2	2026
Freeborn Tool Company 5	5437
FS Tool Corporation / FS Cruing5	5452
Goodspeed - Intorex s/a (	5029
GRACO, Inc.	1607

Great Lakes Custom	A
Tool Mfg., Inc.	
H3D Tool Corp	
Hasko Machines	6069
James L. Taylor Mfg / JLT Cla Cameron Automation	
IDS Company	7353
KCD Software	2854
Kerfkore Company	2863
Kern Lasers, Inc	7029
Klingspor Abrasives, Inc	2029
Komo Machine, Inc	6949
Kreg Tool Company	5947
Kremlin Rexson Inc	1407
KVAL, Inc.	5835
Lacey Harmer Company	6526
Larick Machinery Inc	5952
Lauderdale-Hamilton, Inc	5901
M.L. Campbell	3207
Mastercam / CNC Software, Inc	4715
Mereen-Johnson Machine Company	5565

# Time to American"

Microvellum, Inc 45	55
Miltec UV 65	34
<b>Montgomery Industries</b>	
International, Inc 64	
MultiCam, Inc 70	20
<b>NAP GLADU</b> 51	13
Newman Machine	
Company, Inc 53	352
Nordson Corporation 60	)28
Onsrud, C.R., Inc 50	)13
<b>Onsrud, LMT LP</b> 54	34
Opti-Sand Incorporated 72	221
Original Saw Company, The 60	)56
OSAI, a division of	
Prima Electro 71	41
Osborne Wood Products, Inc. 30	)54
Outwater Plastics	
Industries, Inc 15	669
Peerless Saw Company 69	000
Planit Solutions, Inc 46	513
Plum Creek MDF, Inc 32	227
Precision Drive Systems 60	)35
Presto Lifts Inc 71	63

75 Wood Machines	J
RazorGage, Technical Services, Inc	3
Rees-Memphis, Inc 645	3
REHAU Incorporated 265	5
Royce//Ayr Cutting Tools, Inc755	54
RP Fletcher Machine Company, Inc 696	9
SA International544	0
Safety Speed Manufacturing. 601	3
Safranek Enterprises, Inc 506	0
<b>SawStop</b> 541	2
Schmidt Co., Inc., Charles G.G 551	4
Schneeberger Corp., J 586	9
Sherwin-Williams Company, The 195	55
Shopbot Tools, Inc715	6
Silver Machine, Inc 732	3
Southeast Tool, Inc 475	3
Stafast Products, Inc 193	7
Super Thin Saws Inc 756	2
SuperMax Tools 600	0

Tenn-Tex Plastics, Inc. ...... 2155

<b>Terminus</b> 58	21
Thermwood Corporation 57	53
TigerStop LLC59	29
TIGRA USA Inc 61	13
Timesavers, Inc 64	26
TradeSoft, Inc 43	27
<b>Triple Crown Products, Inc.</b> . 19	20
<b>Г-Tool USA LLC</b> 72	28
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Ultimizers, Inc60	68
Uneeda Enterprizes, Inc 17	14
Unique Machine & Tool Co 64	52
USNR4349, 4427, 46	53
Vecoplan, LLC 57	34
Vega Enterprises Inc 54	19
Veneer Technologies, Inc 20	67
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Vortex Tool Co., Inc 65	56
Wagner Electronics 14	60
Western Pneumatics, Inc 53	66
Williams & Hussey	
<b>Machine Co., Inc.</b> 59	13



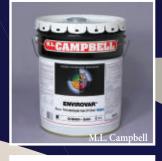




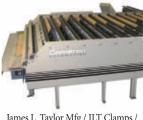
















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# Williams and Hussey Machine Co. Model 154CE moulder

Booth No 5913

Williams and Hussey Machine Co. says its Model 154CE moulder features a chip extractor to help improve chip waste flow, a wear-resistant and low-friction surface GS-2 guide system, 230 voltage and a feed rate of 11 fpm. The Model 154CE can produce straight, round-top and elliptical mouldings, and comes with a seven-year warranty.

> 800.258.1380 www.williamsnhussey.com

# Charles G.G. Schmidt & Co. Inc. flooring heads

Booth No 5514

Charles G.G. Schmidt & Co. Inc. flooring heads are new insert style surfacing heads for the flooring industry. These aluminum heads are made with four or six rows of standard, four sided inserts to do the surfacing and two dovetail slots to accept adjustable cutters for adding the relief cuts on the bottom of the flooring.

> 201.391.5300 www.cggschmidt.com

# **Lignomat USA Ltd.** Ligno-Scanner SDM

Booth No 3333

The Ligno-Scanner SDM from Lignomat USA Ltd. measures softwoods, hardwoods, engineered panels, OSB, ply-

wood and horizontal vertical and strand bamboo. Ideal for the furniture and cabinet industries, the Ligno-Scanner SDM measures in two depths: 3/4-inch and 1/4-inch. Moisture levels in the top section of the board can be compared to moisture in the core of the board.

> 800.227.2105 www.lignomat.com



# **Columbia Forest Products PureBond Classic Core panels**

Booth No 4401

Columbia Forest Products offers Pure-Bond Classic Core panels, which the company says are manufactured using voidless engineered MDF crossbands with a veneer inner ply construction. The panels are CARB Phase 2-compliant and can be ordered as FSC-certified upon request. Panels are also available in the J Classic Core style with a two-step calibrated blank

> 800.637.1609 www.cfpwood.com

# Thermwood Corp. MTR30 DT CNC router

Booth No 5753

The MTR30 DT CNC router from Thermwood Corp. is designed for machining jobs that require multiple tools and dual tables for nonstop machine production. The machine is configured with two stationary 61-by-121-inch high flow vacuum tables with dual programmable part locators. It is equipped with a 12 HP spindle with an automatic tool changing



system as well as a drill bank with both horizontal and vertical drills, available up to 25 spindles. The QCore control has a dxf convertor for accepting dxf files for automatic nesting.

> 85952 812.937.4476 www.thermwood.com

# **Arauco USA sanded panels**

Booth No 1601

Arauco Wood Products supplies sustainable, high-quality forest products to the North American market. AraucoPly® sanded panels are laid up on a composed core and are finished with a 150-grit sandpaper on the front and a 120-grit sandpaper on the back, facilitating easy finishing with excellent results.

> 770.350.1627 www.araucoply.com

# **Eurosoft Inc. OnCORE Veneer**

Booth No 4335

Eurosoft Inc. offers OnCORE Veneer software to address the challenges of producing veneered panels from narrow strips of precuts. The software features an integrated database to store and manage parts and inventory, allowing users to add, delete and edit parts and precuts. Other features include match making of "Split Hearts," a user-definable minimal yield threshold and more.

> 919.468.3003 www.eurosoftinc.com

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# Goff's Enterprises Inc. **Sound Curtains**

Booth No 4122

Goff's Enterprises Inc. offers Sound Curtains, custom made noise control curtains and screens designed to dramatically reduce harmful industrialstrength noises. The ability to fan fold and collapse out of the way allows the flexibility to enclose an area during loud noise processes and open the space back up after the task is complete. Sound Curtains can reduce noise by up to 45 dB with a typical STC of 26 within the coverage area, according to the company. The panels are constructed with a viscoelastic acoustic damper.

> 800.234.0337 www.qoffscurtainwalls.com



# Stiles Machinery Inc. Altendorf F-45 Select sliding table saw

Booth No 7935

Stiles Machinery Inc. distributes the Altendorf F-45 Select sliding table saw, which is equipped with an articulating eye-level controller with LCD screen capable of storing up to 20 programs for consistent cuts even with multiple operators. The F-45 Select also has a motorized rip fence capable of delivering accuracy plus or minus 1/10 mm or .004

in., allowing the user greater efficiency with retrieving programs and executing precise cuts, repeatedly. The machine frame of thick laser cut steel for durability reduces vibrations and ensures that the saw maintains accuracy.

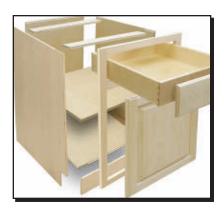
> 616.698.8456 www.stilesshop.com

# CIM-Tech Router-CIM **Automation Suite 2012**

Booth No 5820

The CIM-Tech Router-CIM Automation Suite 2012 provides a CNC programming solution and is available for any CNC router point-to-point or profiling machine. Router-CIM is automatic programming for CAD drawings and solid assemblies. The software is completely integrated with AutoCAD and Autodesk Inventor, the Router-CIM CAD/CAM software is designed to save time and money with technology features not found in other software, the company says.

> 877.549.8211 www.cim-tech.com

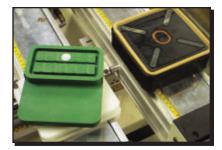


# **Keystone Wood Specialties Inc. RTA cabinets**

Booth No 4244

RTA cabinets from Keystone Wood Specialties Inc. feature the Cabinotch cabinet box system. The Cabinotch Joint is a wood-to-wood locking glue joint that creates a square cabinet box made from North American Plywood, the company says. RTA cabinets can be ordered in 10 wood species, unfinished or prefinished, in more than 100 configurations, with dimensions in increments of .001 inches.

> 888.825.3269 www.keystonewood.com



# **Better Vacuum Cups Inc. SCM** Routech tubeless vacuum system vacuum cup

Booth No 4727

Better Vacuum Cups Inc. offers a vacuum cup for the SCM Routech tubeless vacuum system. The cup can rotate without any tools, the company says. The SC2937 series is available in three sizes (full, half and quarter) and two heights.

> 877.872.2821 www.GreenBVC.com

# TigerStop LLC Crown+MiterPro

Booth No 5929

TigerStop LLC offers the Crown+MiterPro for SawGear to simplify all angle cutting. The Crown+MiterPro will be included in every new SawGear, the company says. The software calculates difficult crown angles and lengths.

> 360.448.6157 www.tigerstop.com

# **Roseburg Forest Products Co. Duramine decorative melamine**

Booth No 3023

Roseburg Forest Products Co. offers the Duramine line of decorative melamine products in four woodgrain patterns. The company says the patterns - Evening Linea, Twilight Linea, Tierra Linea and Acorn Linea - mix light and dark tones, influenced by urban and organic trends.

> 541.679.3311 www.roseburg.com

# Benz Inc. Solidfix tool system

Booth No 6040

Benz Inc. offers the Solidfix line of aggregate tool holders. The universal, modular system allows the user to change tools and outputs on the aggregate body in seconds, the company says.

> 704.529.5300 www.benz-inc.com

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# **Outwater Plastics Industries Inc.** soft closing door lifts and stays

Booth No 1569

Soft closing door lifts and stays from Outwater Plastics Industries Inc. are offered in vertical and lateral configurations, appropriate for use with wood and aluminum cabinet doors. The lifts and stays enable left and right cabinet door installation with specific degrees of opening and rates of closing that can be set by the end user.

> 800.631.8375 www.outwater.com



# 20-20 Technologies 20-20 LiveSuite

Booth No 4735

20-20 LiveSuite from 20-20 Technologies is a set of three products that form a fully integrated Electronic Order Processing solution: 20-20 LiveOrder, 20-20 LiveLing and 20-20 LiveSpeg. This Web-based ordering system ensures accurate product configuration, and provides real-time order status updates, the company says. LiveOrder automatically generates electronic purchase orders from 20-20 Design Kit files and can submit them to multiple manufacturers simultaneously. LiveSpeq is an online product configurator that lets dealers browse manufacturers' products,

while LiveLing allows manufacturers to receive and integrate orders from 20-20 LiveOrder into an existing ERP system.

> 866.698.2020 www.2020technologies.com



# **AkzoNobel Chemcraft Airguard**

Booth No 2813

AkzoNobel's Chemcraft brand makes a Greenguard-certified solvent borne topcoat, Airguard. This pre-catalyzed lacquer topcoat is self-sealing and lightstable, for use on furniture, cabinetry and other wood interior applications, the company says. When applied, the company says Airguard wets the wood like an oil-based product and enhances the wood's natural color.

> 336.841.5111 www.azkonobel.com/industrial



# **States Industries Elemental** hardwood veneered panels

Booth No 2520

States Industries says it offers a wide variety of LEED-compliant, no-addedformaldehyde and no-added-urea-formaldehyde hardwood veneered panel products under the Elemental brand name. Using a proprietary soy based adhesive, the company says it laminates domestic or imported face veneers to substrates of wood veneer, ApplePly, MDF, combination cores, particleboard or wheatboard. All States' panels are made to order.

> 800.626.1981 www.statesind.com



# **Grass America Inc. Grass TEC soft-close hinge system**

Booth No 2137

Grass America Inc.'s Grass TEC softclose hinge system is based in the 3-D TEC face-frame hinge. The damper is pre-mounted in the hinge cup. It has a nickel finish and zinc die cast cover cap. It has a cup drilling depth of 10mm and no protruding parts from the hinge cup. The integrated face frame hinges are made in the U.S.

> 800.334.3512 www.qrassusa.com

## Intertek Industrial wood screws

Booth No 1416

Intertek Industrial manufactures a wide range of fasteners for the woodworking industry, including deep-thread wood screws. hardwood wood screws and specialty wood screws.

> 904.739.3344 www.intertekindustrial.com



# Carter Products Co. MagFence II Booth No 5501

MagFence II from Carter Products Co. provides users with a way to attach a fence to band saws, table saws or any other device with a ferrous-metal table. MagFence II uses magnets to stay in place, with rotational switches on each end of the fence to engage and disengage the magnets. Magnets have four mounting positions and are also compatible with all 30 mm Magswitch jigs.

> 888.622.7837 www.carterproducts.com



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See us at IWF, booth 1601





# **Biesse America** Selco WN 6 series

Booth No 6735

Biesse America offers the Selco WN 6 series. The quick-cycling single line panel saw is available in numerous configurations. It features Selco's Twin Pusher technology.

> 877.824.3773 www.biesseamerica.com



# **Adams Wood Products Inc.** unfinished split cabinet onlays

Booth No 3107

Adams Wood Products Inc. offers a wide selection of unfinished split cabinet onlays. These are available as stock in four styles and offered in six wood species. The cabinet onlays adjust to fit designs in most applications, the company says.

> 85258 423.587.2942 www.adamswoodproducts.com



# Tritec Associates Inc. **Gannomat Trend Index PSU**

Booth No 7153

Gannomat's Index PSU from Tritec Associates Inc. is a customization of the Trend platform of machines. The Trend is Gan-

nomat's second generation CNC drilling, gluing and dowel insertion machine. The Trend is capable of CNC machining for doweling casegoods, drawers and frames in solid wood and composite materials. The PSU machine features an added pocket screw unit for production of components utilizing pocket screws as the connector.

> 703.904.7890 www.tritec.com



# Gemini Coatings white conversion primer surfacers

Booth No 1555

Gemini Coatings offers a line of white conversion primer surfacers. The primer surfacers come in three different options. They can be used in conjunction with the company's white conversion varnish topcoats.

> 800.262.5710 www.geminicoatings.com



# Dynabrade Inc. random orbital sanding pads

Booth No 3123

Dynabrade Inc.'s line of random orbital sanding pads features a single piece hub design. The company says this design reduces the "face run out" to .002 to .005. The pads are available in diameters ranging from 3 inches to 11 inches. In addition to vacuum and non-vacuum pads. 3/8-inch thick and 5/8-inch thick pads are also available.

> 716.631.0100 www.dynabrade.com



# **Osborne Wood Products Inc.** metal vanity feet

Booth No 3054

The line metal vanity feet from Osborne Wood Products Inc. offers both modern and contemporary element designs, ranging from modern cubes to cones to scrolls. Finishes include polished stainless steel, brushed nickel and wrought iron. The Durham metal Scroll Foot is made of classic wrought iron and comes in a flat black finish, standing 4 1/2 inches tall. The Du Pont Vanity Leg in brushed nickel and the Madison Vanity Foot are other popular choices.

800.849.8876 www.osbornewood.com



## Castle Inc. CSI-Next

Booth No 7100

CSI-Next is Castle Inc.'s automated solution for pocket joinery and screw insertion. The company's Screw-In-Pocket technology cuts a screw pocket, drills a low-angle pilot hole and inserts a screw below flush in about two seconds. according to the company. CSI-Next includes pocket sensing and quickdisconnects. It also includes a Weber vibratory screw feeder system, Siemens LOGO! PLC and a 3 HP Colombo high frequency spindle.

> 800.282.8338 www.castleusa.com



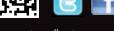
Come visit us at IWF Atlanta, GA **August 22-25** Booth 3054



800.603.4557















# C.R. Onsrud Inc. **No Sweat Nesting**

Booth No 5013

C.R. Onsrud Inc.'s No Sweat Nesting is a fully-automated nested-based manufacturing solution that is available on any Mate. Tech or Panel Pro series of CNC routers. An auto pre-labeling system is available to pre-print and place labels on the sheet using the panel loader, prior to machine cycle. The No Sweat Nesting system includes automated nested sheet offload system with integrated dust extraction and conveyor out-feed table for sizes up to 5-by-12 feet.

> 704.508.7000 www.cronsrud.com



# **Laguna Tools IQ CNC router**

Booth No 5547

Laguna Tools' IQ CNC router is a smaller version of the company's SmartShop technology. Two machines are available: the IO HHC and the IO Pro with a touchscreen interface. Each has a 36-by-24-4-inch working envelope and 2hp liquid-cooled spindles.

> 800.234.1976 www.lagunatools.com

# **Gingrich Woodcraft** cutting board insert

Booth No 4814

Gingrich Woodcraft provides a cutting board insert. The inserts are sized to fit any custom dovetail drawer. Made with



Butcher Block solid maple, the cutting board insert is oiled for food grade use, the company says. The cutting board slides front to back inside the drawer or can be removed for countertop use. A knife clock insert can also be installed.

877.368.8245



# **Franklin International Titebond translucent wood glue**

Booth No 2022

Franklin International says Titebond translucent wood glue makes glue lines fade as they dry for a virtually invisible look. The glue has a working time of four to six minutes, a short clamp time and a high heat resistance once dry, according to the company. The non-toxic glue is available in 8- and 16-ounce bottles.

614.443.0241

www.franklinadhesivesandpolymers.com

# Graco Inc. agitator speed controller

Booth No 1607

The agitator speed controller from Graco Inc. uses a closed-loop control that monitors agitator rotational speed and adjusts air flow to maintain constant speed. Applications include drum and tote mixing, batch mixing and storage tank agitation. The controller can be installed on Graco and other competitive agitators.

> 877.844.7226 www.graco.com/finishing



# Hafele America Co. Aximat hinges

Booth No 2307

Aximat hinges from Hafele America Co. are available for thin panel hinges and heavy glass doors. Aximat hinges allows for a 270-degree opening angle, and are tested to ANSI/BHMA Grade 1 standards and 3D adjustable, according to the company. The Aximat 300 hinge is for glass doors up to 78 3/4 inches tall and 23 5/8 inches wide, with an integrated catch to keep doors closed, and is available for glass thickness from 5 to 8 mm.

> 800.423.3531 www.hafele.com/us



# **Apollo Sprayers Intl. Inc.** 1050VR HVLP turbine system

Booth No 5465

Apollo Sprayers Intl. Inc. manufactures a 1050VR HVLP turbine system with features such as five stages for more power, variable speed and pressure controls. The system's finisher can automatically calibrate the speed of the HVLP turbine, which displays on an LCD screen that shows atomizing pressure accurate to 0.1 PSI, according to the company. The system also has built-in thermal overload protection and Precision FreeFlo filter warning LED indicators to show when filters are restricted.

> 760.727.8300 www.hvlp.com



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Häfele's Moovit double-wall, metal drawer system takes functionality and versatility to a new level. The contemporary design is distinctly European, with advanced German engineering that assures easy installation and exceptional performance. As part of **Häfele To Order**, you can get complete Moovit drawers assembled in your exact sizes and quantities. For details that will move your business forward, call 1.800.423.3531 or visit www.hafele.com/us.

Showrooms: New York, Chicago

Come see us at IWF booth 2307





# Wintersteiger Inc. DSB Twinhead **NG** thin cutting band saw

Booth No 6535

The DSB Twinhead NG from Wintersteiger Inc. is a thin cutting band saw system. The saw's features include automatic saw blade tracking control, an automatic saw blade tensioning system and carbon guides. The saw has a capacity up to 30,000 sq.ft. per shift, with a lamella thickness from 1.5 mm. maximum block width of 310 mm and maximum block height of 165 mm, according to the company.

> 801.924.5702 www.wintersteiger.com



# H3D Tool Corp. Straight **Line Profile insert tooling**

Booth No 6435

H3D Tool Corp. offers its Straight Line Profile series of tooling. The tools can replace profiled inserts when the desired shape may be created with straight line inserts, and the tools can also be turned in the head to get more than one use out of each insert, the company says.

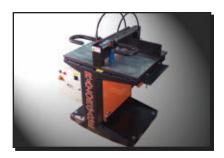
> 888.544.3726 www.h3dtool.com

# SuperMax Tools 19-38 combo drum/brush sander

Booth No 6000

SuperMax Tools has a 19-38 open-end combo drum/brush sander. The machine is capable of drum sanding, brush sanding (profile sanding) and wire brushing (distressing). Sanding head speed is controlled by an AC Inverter and a preset "fast" leveling control adjusts the machine for extra wide, 38-inch, use. The 19-38 combo offers changeable heads from drum sanding to wire, nylon abrasive or a flatter brush head, but comes standard with a 150-grit flatter head.

> 651.454.3401 www.supermaxtools.com



# RazorGage Cyclone-600 up-cut saw

Booth No 7013

RazorGage offers the Cyclone-600 up-cut saw. The saw supports up to a 24-inch blade. It has SafeTcrowders mounted on the manual cut version, flip stops to adjust the top clamp, dual linear bearings and a PLC controller system.

> 515.232.2953 www.razorgage.com

# **ETemplate System ELaser**

Booth No 4149

ETemplate System's ELaser system utilizes Leica 3D Disto Laser technology and ETemplate's Measure Manager software. The system is specifically developed for comprehensive 2D and 3D as-built measuring for design, fabrication, and installation for all segments of the construction industry. ELaser is available in three configurations.

> 866.877.6933 www.etemplatesystem.com

# **Blum Inc. Compact Blumotion** concealed face frame hinges

Booth No 2637

Blum Inc. offers Compact Blumotion concealed face frame hinges. The series of hinges is available for both full and partial overlay applications. The face



frame hinges have the Blumotion soft close mechanism integrated in the hinge cup. The compact hinges are available in Blum's standard boring pattern and in cup depths as little as 11 mm.

> 704.827.1345 www.blum.com

# **Felder-Group USA Format4 Profit H30 CNC** machining center

Booth No 6752

Felder-Group USA offers six different Format4 Profit H30 CNC machining centers. The following models are offered in both standard and long versions: H30, H30 x-motion and H30 e-motion. The H30 models have a 130 mm working height (zaxis) and up to 50 tool stations. The long version of the machines has a 1.390 mm working surface. Units include 25 vertical drill heads, 10 horizontal drills, and grooving saws in the "x" and "y" directions.

> 302.322.7732 www.feldergroupusa.com



# **Dustek Div. of Boshco Inc.** plastic collection bags

Booth No 5544

Dustek Div. of Boshco Inc. offers plastic collection bags. These 6-mil extruded, heavyduty bags have ultra tough seams and measure 38-by-72 inches, according to the company. The bags are sold in rolls of 50.

> 978.667.1911 www.dustek.com

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# Weinig Group **OptiCut 450 Quantum II**

Booth No 7555

Weinig Group offers the OptiCut 450 Quantum II cross-cut saw. The saw is capable of cutting and optimizing up to 100 running meters of wood per minute, according to Weinig. The process is fully-automatic. The CombiScan +200C scanner is integrated into the unit, with a maximum scan speed of 240 m/min, the company says.

> 704.799.0100 www.weinigusa.com



# **Oneida Air Systems** SmartPro dust collector

Booth No 6038

Oneida Air Systems offers the Smart-Pro dust collector. The dust collector. is equipped with Smart Air Control Technology, a dust bin level sensor with flashing strobe light, and HEPA filter media with a Flame Guard Arrestor. The dust collector has a 35-gallon metal drum under the cyclone.

> 315.476.5151 www.oneida-air.com

# **KCD Software Cabinet/ Closet Software Suite**

Booth No 2854

KCD Software offers its Cabinet/Closet Software Suite. The software suite includes the Custom Library Creator,



which allows designers to save whole components like shelving units, islands and whole kitchens right into a menu for "dropping in" and modifying at a later date. Other features can be added, including the Pricer, Builder and CNC Linker. Each full-version of the software includes free technical support and customer service. KCD savs.

> 508.760.1140 www.kcdsoftware.com

# **SSI North America** Pentadecor 3D laminate films

Booth No 1615

SSI offers Pentadecor 3D laminate films from Klöckner Pentaplast, Featuring "Best in Class" high quality 3DL to North America, Pentadecor covers a wide range of prints and designs, textures, thickness, and gloss levels. A comprehensive program suitable for all membrane pressed parts and components is available.

> 973.598.0152 www.ssinorthamerica.com



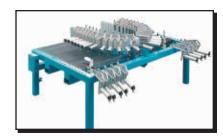
# TradeSoft PlanSwift Takeoff ProjectPAK plug-in

Booth No 4327

TradeSoft and PlanSwift offer Takeoff ProjectPAK plug-in software. Using the embedded plug-in, items are pulled directly from the ProjectPAK database, eliminating the need for maintenance on two takeoff databases, the company says. As items are taken off, they are colorcoded and accounted for, with automatic

highlighting of differences in the original and revised plans. When finished, the plug-in automatically sends the takeoff from PlanSwift back to ProjectPAK.

> 770.579.9096 www.tradesoftinc.com



# **Ogden Group PT Veneer Forming systems**

Booth No 5153

Ogden Group offers PT Veneer Forming systems manufactured by RfsProtech. The PT Veneer Forming systems are used in the manufacturing of radial components for industries including window, door and cabinets. The PT series can press and laminate veneers into half-round, arch and elliptical shapes. Systems are available with a variety of curing methods including RF, conduction heat bands and cold press.

> 704.845.2785 www.ogden-group.com



# Nordfab Inc. heavy wall ducting Booth No 6052

Nordfab Inc. offers heavy wall ducting for projects where transporting abrasive materials is required. QF Duct is available in 18ga galvanized construction with diameters from 4 inches to 6 inches, and in 16ga galvanized construction with diameters from 7 inches to 24 inches. The ducting clamps together like the standard pipe and most orders can ship in 4 to 10 days, according to Nordfab.

> 800.532.0830 www.nordfab.com

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LEUCO Tool Corporation 500 Industrial Ct W Villa Rica, GA 30180 (800)631-0096





# Flamex Inc. hot particle detector

Booth No 5323

Flamex Inc. offers a hot particle detector to sense hot particles traveling through a material stream that could be a potential ignition source. It is suitable for drop chutes, conveyors, and certain ductwork applications where some ambient light is present. It is a mid-IR Detector responding to the 1.3 to 2.7 micron range and has the ability to sense IR at lower temperatures than the standard spark detector, according to the company. See video at http://youtu.be/5LhzEK3MZeU.

> 336.299.2933 www.sparkdetection.com/ products\_detectors.html



# **Drawer Connection Inc.** doweled drawer boxes

Booth No 3163

Drawer Connection Inc. offers doweled drawer boxes. The company says that its doweled drawer boxes meet AWI Premium grade specifications.

> 480.917.4887 www.dcdrawers.com

# American Fabric Filter Co. easy plenum replacement bags

Booth No 1873

American Fabric Filter Co. easy plenum replacement bags are available. The plenum replacement bags are high efficiency and available for all plenum style collectors, whether for an OEM baghouse



or an individually designed system. Filters may be ordered with zipper at the bottom for emptying or for use with a bucket or drum. Other options include clear viewports, belt loops and skirt to keep the rim clean and facilitate dumping.

> 800.367.3591 www.americanfabricfilter.com



# ShopBot Tools **Desktop CNC machine**

Booth No 7156

ShopBot Tools offers a Desktop CNC machine. The machine has a work area of 18 inches-by 24 inches-by 4 inches and a movement resolution of .00025. The Desktop system includes ShopBot PartWorks software and is available with a router or spindle option.

> 919.680.4800 www.shopbottools.com



# Microvellum CAD software

Booth No 4553

Embedded within AutoCAD, Microvellum Toolbox generates manufacturing

information needed for production. The system comes with a library that can be configured to match specific construction methods. There's a predefined library with product information: materials, parts, hardware, machining and more. Changes to shop drawings automatically update all manufacturing information.

> 541.664.1625 www.microvellum.com



# **Caron Industries** tropical style doors

Booth No 4434

Caron Industries offers tropical style doors available with contemporary or classic styling. The doors feature a 3D design available in most wood types and have a coconut center panel. The doors are available in custom sizes and can be delivered sanded and unfinished, or prefinished.

> 418.248.0255 www.caronindustries.com

# Wagner Meters L609 meter

Booth No 1460

Wagner Meters offers the L609 meter for small woodworking shops and wood applications that require a narrow measurement area. The L609 combines a narrow sensing pad and species adjustment tables to provide moisture content (MC) readings. The "press and hold" button has an LED display. The meter requires no adjustment of MC readings for most normal operating temperatures, the company says.

> 541.582.0541 www.wagnermeters.com

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# **Fulterer USA Inc. VS Eco Liner** waste bin pull-out system

Booth No 2654

Fulterer offers the VS Eco Liner for waste disposal and recycling. The lid acts as a pull out shelf for additional storage space



for cleaning supplies. The unit features three-way adjustable door mounting brackets. It has a capacity of 125 lbs.

336.431.4646 www.fultererusa.com

# **Nederman USA Inc. SmartFlow**

Booth No 6161

Nederman USA Inc. offers SmartFlow "on-demand" dust collection technology. By retrofitting existing dust collection systems with SmartFlow, the company says utility costs could be reduced up to 80 percent, and system capacity and workstation flow can be improved. SmartFlow can also reduce system size by up to 40 percent, according to the company. SmartFlow technology offers remote monitoring of system operation.

> 800.533.5286 www.nedermanfilters.com

# Their craftsmanship depends on ours.

**Durham Bookcases** has been a fan of ShopBot 10 years running.





Founded in 1995 by furniture maker Phillip Fletcher, Durham Bookcases designs and builds custom entertainment centers, wall units, office and bedroom furniture. About 10 years ago Fletcher added a ShopBot 96 X 48 CNC router to the core of his manufacturing process. He has been pleased with the tool, and his relationship with ShopBot, ever since. "My ShopBot is a workhorse," says Fletcher. "Quite simply, it's reliable." Over the years Fletcher has found that the ShopBot's easy interface is a boon because it's easy to train employees in the software.



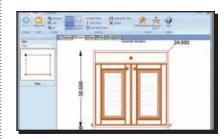
ShopBot has a tool for every size shop and project. Check out our website, then give us a call. We'll help you find a tool you'll love — for many vears to come.

Read Phillip's story at ShopBotTools.com





ShopBotTools.com 888-680-4466



# Planit Solutions Inc. Cab-2-Nest

Booth No 4613

Planit Solutions Inc. offers Cab-2-Nest. The product is an order entry manufacturing software tool for cabinetry jobs. It is fully integrated with nested-based CNC machinery.

www.planit.com



# **Veneer Technologies Inc.** thick edgebanding

Booth No 2067

Veneer Technologies offers thick edgebanding in red oak, white maple, cherry and white birch in two thicknesses. 1.5mm and 3.0mm at 7/8-inch wide.

> 252.223.5600 www.veneertech.com

# VENEER TECH CRAFTSMAN'S CHALLENGE™

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Veneer Technologies thanks participating designers and craftsmen along with their suppliers, distributors and sales representatives for their enthusiastic reception to the 2012 Craftsman's Challenge. Award winners for the current year's competition will be officially announced at IWF 2012 in Atlanta, GA.

The Veneer Tech Craftsman's Challenge aims to recognize excellence in woodwork design and creation that features natural veneer and wood applications–regardless of what company provided the source material. Impartial judges from all segments

of the industry select winning entries that best use veneer products to achieve stated project goals.

In addition to valuable publicity afforded all entrants, the Grand Prize entry merits one \$3000 award to the designer/craftsman, one \$2000 award to the supplying distributor, and one \$1000 award to the supplying sales representative. The category winning entries are awarded \$1000 each. Special recognition may be given at the judges' discretion.

Please visit www.veneertech.com and view the 2012 entries as well as past years' entries. See you at IWF 2012 in Atlanta!



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# **Hickory Saw & Tool** dedicated insert cutters

Booth No 4264

Hickory Saw & Tool offers dedicated insert cutters. They are less expensive than carbide tipped cutters, and their



shape remains true because of the ability to change out inserts. To regain a sharp edge, simply change out the inserts instead of waiting for the tool to come back from being sharpened or retipped. Dedicated tooling can be made in router, shaper and moulder cutters.

800.762.9899 www.hickorysawandtool.com



# **Sata Spray Equipment** SATAdekor 2000 glazing gun

Booth No 0000

Sata Spray Equipment offers the SATAdekor 2000 glazing gun. This product features self-adjusting Teflon seals and a nickled plated finish. The gun weighs 6.3 ounces, according to the company.

507.346.7776

www.satausa.com

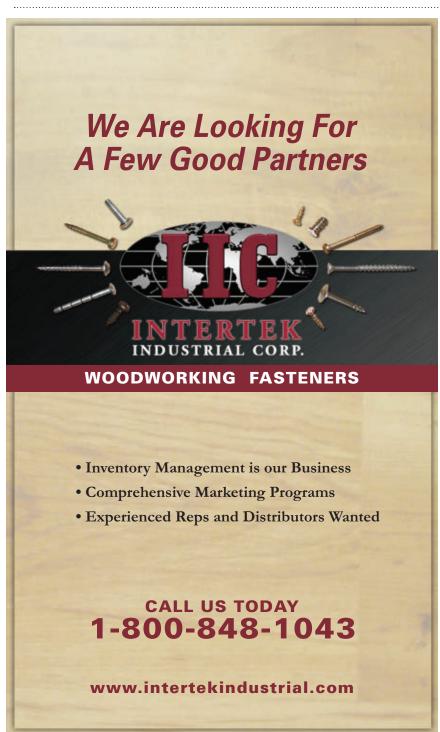


# Pollmeier Inc. **Superior Red Heart beech**

Booth No 4249

Pollmeier Inc. offers organic, natural looking Superior Red Heart grade beech lumber. The wood features contrasting color variation from light honey-brown tones to slightly darker reddish-brown heart wood. It is PEFC Certified and comes from Germany's sustainable forests.

> 503.452.5800 www.pollmeier.com



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# **IMA America Corp. Advantage** line edgebanders

Booth No 6434

IMA America Corp. offers Advantage line edgebanders. All machines in this line of edgebanders are equipped with



touch screen controllers that allow the user to store programs and track machine performance. The machines feature automatic setup for different types of edgebanding applications.

919.246.0350 www.imaamerica.com



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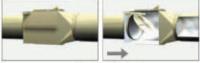
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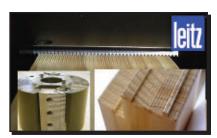


# Weima America Inc. **Woodwolf pre-crusher**

Booth No 7113

Weima America Inc. offers the Woodwolf pre-crusher. The machine can be used as a stand-alone unit or as part of a two-stage process that incorporates a WLK shredder. The Woodwolf can be placed over the top of a single-shaft shredder, which allows the broken pieces to fall directly into the hopper, according to the company.

> 803.802.7170 www.weimaamerica.com



# **Leitz Tooling Systems Inc. RipTec Cutting System**

Booth No 7544

Leitz Tooling Systems Inc. offers the RipTec Cutting System. Patented for window production, the RipTec system decreases blow-out on end-grain machining and creates a stronger joint, sealed against water and air penetration.

> 616.698.7010 www.leitztooling.com

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#### **Schelling America Inc. Duplus2** concept

Booth No 6446

Schelling America Inc. offers the Duplus2 concept. This concept was developed for single axis beam saws.



It uses two independent feeders to position material into the saw, allowing for simultaneous cutting of the head and main piece or cutting of staggered patterns with one cut, according to the company.

> 919.544..430 www.schelling.com

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- The fastest and most efficient method for cutting and boring sheet wood
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- Significantly reduces waste material compared to a router

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Adwood Corp. offers the Cehisa PRO 11 edgebander. This machine features pre-mill, end trim, top and bottom trim, one motor corner rounding, radius/ straight scrape, and buffing. It has an LCD screen and is equipped with digital readouts.

> 336.884.1846 www.adwood.com



#### **Oliver Machinery** 9000 multi-joint workstation

Booth No 7035

Oliver Machinery offers the 9000 multijoint workstation. The workstation is designed to machine dovetail, mortise and tenon, and finger joints into a work piece. The machine has a foot-operated pedal and allows for attachment of a router to the undercarriage.

> 800.559.5065 www.olivermachinery.net



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#### **Panel Processing Inc. panel store**

Booth No 3131

Panel Processing Inc. offers The Panel Store, an e-commerce link on its main website. Items sold on the site include slatwall in various finishes in 1' x 4' and



2' x 4' panels; white and unfinished pegboard; black and white dry erase markerboard; and green and black chalkboard, all available in 2' x 4 and 4' x 4' panels.

> 219.736.0330 www.panel.com/ecomm.php



#### Leuco Tool Corp. **P-System jointing system**

Booth No 5735

Leuco Tool Corp. offers its jointing system branded the Leuco P-System. It boasts a cutting edge geometry for Polycrystalline diamond tipped cutting tools and was developed primarily for the machining of the edges of materials. Milling, jointing, trimming, and rabbeting can be performed in composites, wood based materials, as well as solid hard and soft woods

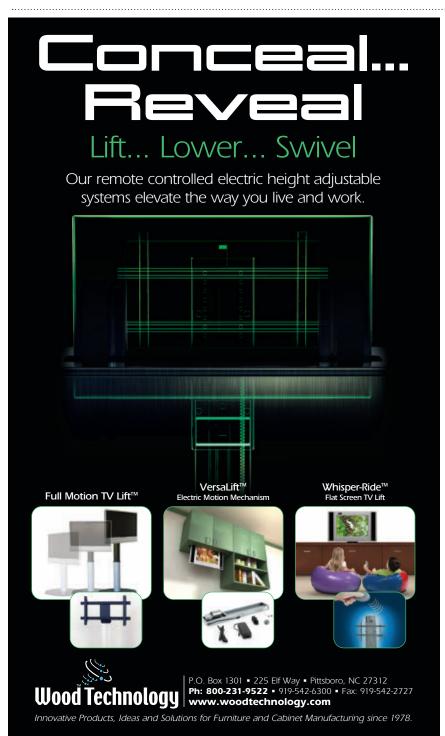
> 800.631.0096 www.leucotool.com



#### **Vortex Tool Co. Inc. XP tooling** Booth No 6556

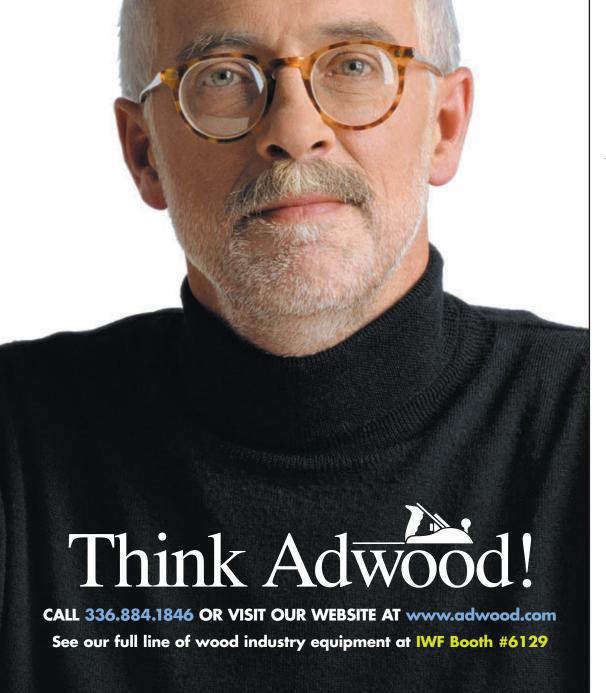
Vortex Tool Co. Inc. offers the XP "Extreme Performance" Series of tooling that provides up to 10 times the standard tool life, the company says. The most popular two flute compression geometries are available in XP. The tooling series is designated by the standard part number followed by "XP."

www.vortextool.com



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#### **Colonial Saw Inc.** Simplex interlocking plates

Booth No 6713

Colonial Saw Inc. offers Lamello Simplex interlocking plates, a detachable joining element that is easily fitted and versatile in application. It consists of two parts and fits into every Lamello slot. the plates serves to fix radiator concealments, ceiling elements, screens, furniture parts, shelves, brackets and door doubles

> 781.585.4364 www.csaw.com



#### Cefla Finishing America Inc. Aquadry oven

Booth No 7121

Cefla's Aquadry is an in-line oven designed specifically to minimize flash off or drying times of all types of water based coatings including water borne UV. Cefla's Aquadry oven has two independent zones where air speed, and air temperature can be varied as required. Additionally, short wave infra-red with adjustable power output is installed to maximize oven efficiency.

> 336.662.9813 www.ceflaamerica.com



#### Wood Technology Inc. Whisper-Ride 700, 1000 TV lifts

Booth No 2707

The Whisper-Ride 1000 by Wood Technology Inc. is a flat screen TV lift that extends from 29-1/2 inches to 68-7/8 inches and a 39-3/8 inch travel. It is suitable for very large TV's up to 70 inches it has a weight capacity of 275 lbs. The company also offers the Whisper-Ride 700 which has a build in height of 25-3/8 inches and a 27-1/2 inch travel. Both models have a built in reverse function

> 919.542.6300 www.woodtechnology.com



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www.gemini-coatings.com

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#### SandMan Products Sand Pro inspection lights

Booth No 5959

Sand Pro inspection lights by SandMan Products feature non-glaring flat beam bulbs. 12-volt transformer and welded diamond plate construction. The lights mount securely on an adjustable tripod stand.

> 574.264.7700 www.sandmanproducts.com



#### Schmalz vacuum handling systems

Booth No 5340

Schmalz offers two product series: the vacuum tube lifter Jumbo with single tube design, and the vacuum lifting device VacuMaster. Jumbo is suited for frequent and rapid lifting and moving of wood products of all types, up to a weight of 660 lbs. VacuMaster is ideal for heavy wooden boards weighing up to 4,400 lbs.

919.713.0880 www.schmalz.com



#### **CCF Industries bamboo drawers**

Booth No 4575

CCF Industries offers dovetailed bamboo drawers with 1/2-inch-thick sides, with custom features available.

> 724.727.2045 www.ccfdrawers.com

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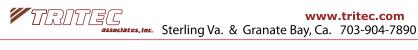












#### **PMK Machinery LLC** coping machine

Booth No 7148

Model C-1203 hands-free, chip-free coping machine from PMK Machinery does chip-free coping of either square



or profiled parts, even if profiled on both sides. It features two counter-rotating, 1-1/4-inch spindles with a spindle speed of 7,000 rpm for a cycle time of about 4 seconds. It has both top and side pressure clamps to ensure proper alignment.

865.385.0779



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#### NAP Gladu cutterheads

Booth No 5113

Nap Gladu is offering the Next G Series Cutterheads for use on shapers, shape and sanding machines, moulders, tenoners and CNC machining centers. The series features automatic knife positioning, three-point centrifugal knife locating, a rear clamping system with single-screw fastening, multiple profiles in a single tool body and the use of carbide or diamond knives in the same tool body.

> 812.482.2000 www.napqladu.com



#### Ferrari America Inc. soft-close hinge

Booth No 1707

Ferrari America offers the Harmony softclose hinge. The hinge includes a hidden integrated damper in the arm designed for soft door closing. The product is available in a variety of plate options including cam adjustment plates and face frame adaptor plates.

> 336.841.1445 www.ferrariamerica.com



#### **Shopcarts Adapa Inc.** moulding cart

Booth No 5163

The Shopcarts Adapa Inc. moulding cart is designed for storing and moving various materials. The front side provides arms for cut lumber or mouldings, while the back side handles full-size sheet goods. This steel cart rolls on a set of 5-inch swivel casters. The base expands from 48 inches to 72 inches in length, the company says.

> 800.255.2302 www.shopcartsusa.com



#### **Kremlin by Exel Industrial Inc.** spray adhesive applicator

Booth No 1407

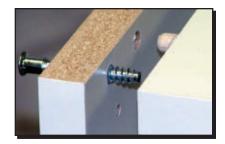
Kremlin by Exel's M22G HPA GSP Gravity spray gun is designed for finishing with thick glues, contact cement, waterbased materials or other high viscosity materials. The Gravity gun features ergonomic design, a high-density polyethylene pressure-assisted cup and stainless steel wetted parts.

> 800.482.1809 www.exelind.com

#### CabParts, Inc. cabinet boxes

Booth No 4956

CabParts offers modular cabinet boxes, drawer boxes, shelves, doors and drawer



fronts, plus a modular closet system. Cabinet boxes and casework are available in two joinery methods: Confirmat screws with hardwood alignment dowels inserted or 8mm hardwood dowels for a traditional glue and clamp joint.

> 970.241.7682 www.cabparts.com

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ddozeman@ceflaamerica.com

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ceflafinishinggroup.com Ph: 704.598.0020 Charlotte, NC

Photos: Karona Door | Galedonia, MI





#### Holz-Her Inc. Contriga edgebander Booth No 7955

The Contriga edgebander from Holz-Her can glue and machine at feed speeds up to 30 meters per minute and in edge thicknesses up to 30mm. Its slit nozzle technology offers a maximum level of precision for glue application.

> 704.587.3400 www.holzher.com

#### Richelieu Hardware closets

Booth No 2007

Richelieu Hardware offers a variety



of storage accessories for closets, including the Milano leather and bronze collection, the Orlando series of baskets. sliding racks and pull-out wardrobes and a line of clear acrylic accessories.

> 800.619.5446 www.richelieu.com

#### Freud America Inc. anti-vibration blade

Booth No 6549

The LU84 anti-vibration combination saw blade from Freud is available both coated and uncoated, in sizes from 8 to 16 inches. The versatile blade can rip a piece of 4/4 oak or crosscut a sheet of 3/4-inch plywood. Its anti-vibration features help prevent splintering, chipping, burning and tear-out.

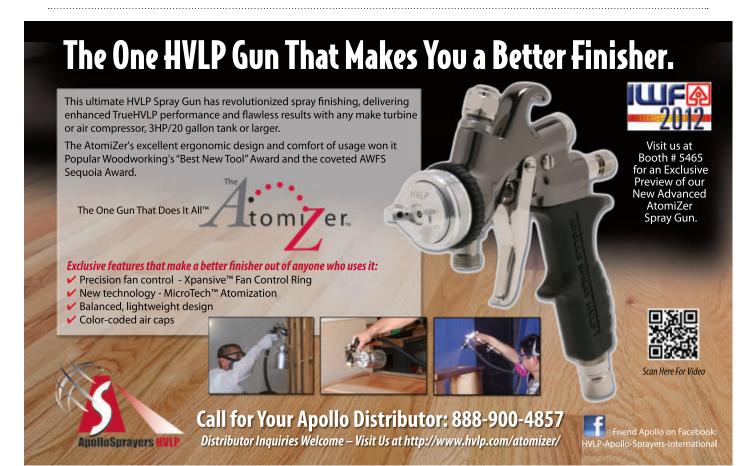
> 336.434.3171 www.freudtools.com



#### **Kreg Tool Co. Foreman pocket machine**

Booth No 5947

The Foreman pocket machine from Kreg Tool Co. is available in an electric-



powered version. The unit features a mechanical hold-down clamp for handsfree drilling. The fence adjusts to center a screw in material from 1/2 to 1-1/2 inches thick

> 515.597.2234 www.kregtool.com

#### **Hardware Concepts Inc.** lighting system

Booth No 2421

Hardware Concepts has available 120V, 20W transformer-less halogen lights. Xenon bulbs are supplied with the light. Up to 10 lights can be linked with only one power supply cord.

> 305.685.1101 www.hardwareconcepts.com



#### **BHK of America birch drawers**

Booth No 1406

BHK of America now offers both birchwrapped drawers and solid birch drawers (shown). They are available in 1/2- or 5/8inch thickness and in standard heights. Various top edge treatments are available.

> 845.928.6200 www.bhkofamerica.com

#### Clarkes International Inc. spark detection

Booth No 5861

Clarke's PyroGuard spark detection and suppression system senses infrared radiation from sparks and extinguishes them before they have a chance to cause a fire or an explosion.

> 541.343.3395 www.pyroquard.com

#### Salice America Inc. soft-close hinge

Booth No 2829

The Silentia soft-close hinge from Salice America has an integrated



decelerated closing action that is hidden from view and does not alter the cabinet design. It is available in the 700 series 110-, 155- and 165-degree openings, and is fully adjustable when mounted.

> 704.841.7810 www.saliceamerica.com



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The Biesse Roxyl is a flexible edgebander guaranteed to give you a perfect finish on every panel. Equipped with standard features not normally found on machines in this price range, the Roxyl is the affordable, high production solution for processing thin tape, thick PVC, veneer or wood coils, HPL and solid wood strips up to 19mm. Innovative, ergonomic design combined with increased productivity and flexibility make the Roxyl the new standard in automatic edgebanding. For more information, contact Jason Varelli at 704.307.6416 or email jason.varelli@biesseamerica.com.



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#### Honevville Metal Inc. dust collectors

Booth No 7368

Honeyville Metal manufactures dust collection systems, including fans, rotary airlocks, cyclones and baghouse/filters. Its EFR cyclonic filters are designed for light to medium dust load applications.

260.593.2266

www.honeyvillemetal.com



#### **Eterna Lighting lighting**

Booth No 1725

Eterna Lighting offers a wide variety of specialty lighting for the woodworking industry, including LED, halogen, incandescent and fluorescent fixtures, along with accessories, such as transformers and bulbs.

> 305.513.3336 www.eternalighting.com

#### Vac-U-Clamp vacuum frame presses

Booth No 4860

Automatic vacuum frame presses from Vac-U-Clamp can be used for both piece and production work in small to large shops. Available in two configurations

-- as a fold-up, space-saving model or as a permament top down design -- they come in a variety of top sizes and membrane heights.

> 888.342.8262 www.vac-u-clamp.com

#### **Denray Machine dust booths**

Booth No 5466

Denray has available a line of dust booths, which can be used for sanding items that are too large to be placed on dust tables. The booths introduce air into the filters from the top, which helps to prevent dust from sticking back on the filter after the cleaning pulse blows dirt off. Two standard models or custom designs are available.

> 417.466.4046 www.denray.com

#### **Air Handling Systems** dust collection

Booth No 5800

Air Handling Systems has available





dust collection and pollution control equipment and systems for virtually any application. Complete systems or individual parts can be designed and fabricated

> 203.389.9595 www.airhand.com



#### Solid Wood Systems Inc. bandsaw

Booth No 5752

The MZ Project CNC bandsaw, available from Solid Wood Systems, processes components made from solid wood or sheet goods, such as plywood. Its design allows for the cutting of complex patterns, with angles up to +/-90 degrees. For increased versatility, it also features some of the boring capabilities of a CNC point-to-point.

> 336.884.0700 www.solidwoodsystems.com

#### **Deerwood Fasteners** International frame screws

Booth No 2731

Deerwood Fasteners International offers its FrameLok face frame and

pocket hole screws in three drive styles -- phillips, square and Recex square phillips recess; in three head styles -- pan, round washer and Fillistar; and in three thread styles -- fine, deep waxed and Hi-Lo.

> 828.469.1075 www.deerwood.com

#### Mill Spec Machine LLC sanders

Booth No 0000

Loewer sanders, available from Mill Spec Machine, include the DiscMaster rotary sander, the MultiMaster profile sander and the RotoMaster brush sander.

> 715.355.0534 www.millspecmachine.com



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#### **Smartech International** LP motorized roll rack

Booth No 7021

Motorized roll racks from Smartech International store 10 to 46 rolls of RTF in single- and double-loop configurations. Paper laminator systems store 30 or more rolls of paper to unreel directly into a paper laminator.

704.362.1922

www.smartechonline.com

#### **CNC Technology** grinding templates

Booth No 6057

The Autotemp system is a high-accuracy, CNC machine specifically designed for generating grinding templates for profile grinding. When combined with (included) TurboCAD and a scanner, the user can scan a wood sample or drawing, trace the image and then cut out a template in 10 to 15 minutes

828.431.2205 www.templatemakers.com

#### Samet functional kitchen hardware

Booth No 2849

Samet is a world leader in the manufacturing of functional kitchen hardware. Samet produces more than 2400 products, which are sold in over 90 countries around the world. From lifters to concealed hinges, SMART-BOX and SAMBOX drawer

systems, Samet's European design and manufacturing is designed to deliver high quality at competitive pricing. 905-738-8886 www.samet.com.tr

#### **Northway Industries** Inc. Contract manufacturing

Booth No 1648

Northway Industries offers contract manufacturing ranging from precisionmachined components to complete assemblies, such as cabinets, store fixtures and furniture Services include panel lav-up. CNC machining, edgebanding, miter folding and packaging.

570.837.1564 www.northwayind.com



#### **Rockler Woodworking** and Hardware silicone alue brush

Booth No 6153

Rockler Woodworking and Hardware's silicone alue brush is re-usable, and has a tapered paddle on the opposite end for detailed application. Brushes are 1-inch wide with a 1/2-inch depth of silicone bristles. Rockler says the whole brush is waterproof.

> 763.478.8201 www.rockler.com

#### Mozaik Software Inc. InControl software

Booth No 6101

Mozaik offers Sketchup based software for cabinets closets, casework and more. 619-752-5910

www.mozaiksoftware.com



#### Silver Machine Inc. STAR-6A/B heavy duty six spindles moulder

Booth No 7323

Silver Machine Inc. STAR-6A/B heavy duty six spindles 9-inch moulder has a complete cast iron base, feeding speed frequency inverter and outboard bearing for the second top head. It also features pneumatic side pressure, frontmounted digital display for spindles adjustment and centralized lubrication points mounting.

888.354.3388 www.silvermachineinc.com

#### **RUF US Inc.** briquetting systems

Booth No 7135

RUF offers industrial briquetting systems leveraging smart technology to improve business operations and protect the natural environment. Because making briquettes from production residues creates valuable products for the generation of heat and secondary raw materials, RUF helps processors and manufacturers reduce their carbon footprints. enhance efficiency, and even increase profitability by generating revenues from "free" resources that are created as byproducts of their operations.

> 440.779.2747 www.ruf-briquetter.com



#### **Binks/DeVilbiss MX Lite Pump/Gun** 12:1 Package

Booth No 2411

Binks/DeVilbiss' MX Lite Pump/Gun 12:1 Package is an air-assisted airless spray package. Available as a tripod or wall mounted spray package, the MX Lite features Binks' stainless steel MX412 pump with the Binks AA1600M air-assisted airless spray gun. According to the company, the mag-

netic detent design creates a quick stroke changeover with no pulse or surge.

> 630.237.5000 www.binks.com

#### **Global Finishing Solutions WAVE** Aqua filters

Booth No 4738

Global Finishing Solutions' WAVE Aqua filters are designed for use with waterborne paints in automotive and industrial applications. The filters provide a 99.73 percent removal efficiency and .03-inch wg initial resistance, according to the company. The filters are available in standard pad sizes and multiple roll sizes, as well as in custom sizes

800.848.8738 www.waveaquafilters.com







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#### CabMaster Software cabinet software

Booth No 5440

CabMaster Software helps through all phases of the custom design & build process. Drag-n-drop to draw up 3D design plans, prepare quotes and generate cut-list with a few clicks. Pre-built libraries for kitchens, cabinets. closets and more.

> 801-478-1900 www.saintl.biz

#### Anderson Group America Selexx Spectra CNC router

Booth No 6529

Anderson Group America's Omnitech Systems offers the Selexx Spectra CNC router. The Spectra/Wood



CNC router features a 5-bv-10-foot table with one zone and standard grid matrix phenolic tabletop. The router is equipped with a 10 hp SK-30 spindle with an 18,000 rpm capability, eight tool holders and 16 collets, and three automatic referencing stops.

704.529.8369 www.omnitech-systems.com

#### Northwest Hardwoods hardwood lumber

Booth No 5052

Northwest Hardwoods manufacture 15 species of kiln-dried hardwood lumber, as well as pallet shook and railroad

ties. In addition. Northwest Hardwoods distributes Furopean beech, appearance and structural plywood.

800.553.5345 www.northwesthardwoods.com



#### SCM Group North **America Gabbiani CUBO** panel saw

Booth No 7068

The Gabbiani Cutting Unit Batch One CUBO from SCM Group North America is a panel saw with two routing units. The CUBO can be incorporated in a Mahros loading-unloading system

controlled by Easy Plan and production wastes/ quantity of the off-cuts can be reduced by using Rolling Software with the panel saw, the company says. The panel saw is available with cutting lengths of 3,200 mm, 4,500 mm and 5,600 mm, in widths of 2.200 mm and 2.440 mm.

> 770.813.8818 www.scmqroupna.com

#### **Elias Woodwork** stain collection

Booth No 3119

Elias Woodwork's stain collection includes a variety of stains for wood. Stain colors include: Amber. Butterscotch, Champagne. Chestnut, Chocolate Truffle, Cordovan, Espresso. Praline. Roasted Coffee Bean, Royal Cherry, Clear





Lacquer, Audacity, Natural Stone, Winter Fog, Harvest, Fruitwood, Golden Maple and many more, depending on the wood species. The company offers stains for Bamboo, Oak, Maple, Cherry, Walnut, Beech, Hickory and Alder woods.

800.665.0623 www.eliaswoodwork.com



flooring industry. The company says it combines the ETP-Cubit adjustment system with either Insert or diamond tipped cutters. The tools are designed for high feed applications and can be adjusted while mounted.

> 519.623.0580 www.royceayr.com



#### M.L. Campbell **EnviroVar**

Booth No 3207

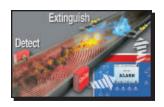
M.L. Campbell says EnviroVar is a formaldehyde-free acid cure conversion varnish. The varnish is Greenquard Indoor Air Quality Certified, low-odor and HAPs-free, according to the company. EnviroVar uses M.L. Campbell's CleanCure technology, which the company says ensures it cures at normal ambient temperature and dries to a smooth-touch finish.

> 800.364.1359 www.mlcampbell.com

#### **Royce/Ayr Cutting Tools** adjustable cutters

Booth No 7554

Royce/Ayr Cutting Tools Inc. offers adjustable cutters for the hardwood



#### **GreCon Inc. spark** detection and extinguishing systems

Booth No 5518

GreCon Inc. offers Spark Detection and Extinguishing Systems. These systems can reduce risk of fires and dust explosions in production equipment, dust collectors and pneumatic conveying systems, according to the company. GreCon says its Spark Detection System sensors detect a spark's infrared radiation and automatically activate programmable countermeasures that can include extinguishing, filter deluge, diverting hazardous airflow, or triggering automatic machinery shutdown. Extinguishment immediately releases a fine mist of water downstream, extinguishing sparks and embers.

> 503.641.7731 www.grecon-us.com







Tooling not included. Specifications subject to change without notice. Pictures are similar to our current machines but may not be exact.

1-865-385-0779 www.pmksystems.com



#### Hoffmann Machine Co. Inc. Morso **NFXL** face-frame notching machine

Booth No 5344

Hoffmann Machine Co. Inc.'s MORSO NFXL face-frame notching machine is available. The Morso NFXL manual notching machines notch the stiles and cope the rails without time-consuming changeovers. Moulding up to 8 inches wide can be processed and the notch width can be adjusted with different size nose knives.

> 866.248.0100 www.hoffmann-usa.com



#### Freeborn Tool Co. cutters

Booth No 5437

Freeborn Tool Co. can duplicate LRH profiles, or work with companies to find the nearest comparable Freeborn cutter. Freeborn Tool Co.'s catalog of stock profiles are ready for immediate shipping and can be mounted and balanced on the tool holder of the company's choice. Custom cutters are specified to the appropriate number of wings, diameter, shear and hook angles, and ship within 7-10 working days.

> 509.484.3033 www.freeborntool.com

#### **European Woodworking Machinery fully automated line**

Booth No 6734

European Woodworking Machinery offers fully automated assembly lines with



drilling machine, boring machines, dowel and hardware insertion, and carcase clamp for woodworking applications. Assembly lines may include horizontal boring, vertical boring, point-to-point boring and more features.

> 919.494.5197 www.ewmco.com



#### Walzcraft Industries Inc. Rigid Thermofoil, 3-D laminate

Booth No 1972

Walzcraft Industries Inc. has a line of Rigid Thermofoil (RTF) and 3-D laminate in a variety of color options, including textured looks, for custom cabinets.

> 608.781.6355 www.walzcraft.com



#### **Bingaman & Son Lumber Inc.** thermo-treated hardwoods

Booth No 4452

Bingaman & Son Lumber Inc. offers thermo-treated hardwoods. No chemicals are used in the production of this wood. The product is water repellent, weather resistant and lasts 25 years in outdoor use, according to the company.

> 570.374.1108 www.bingamanlumber.com



#### **Superior Veneer and** Plywood SuperEquaFlex

Booth No 1468

Superior Veneer and Plywood offers SuperEquaFlex. This paper backing is available in 10, 20 or 30 mm thicknesses and various lengths. It is available in dark brown, white or beige, as pictured.

> 812.941.8850 www.superiorveneer.com



#### SawStop LLC 1.75 hp cabinet saw

Booth No 5412

SawStop LLC offers its 1.75 hp professional cabinet saw. Designed to use standard 120 volt power, the saw features a heavy duty cast-iron table, steel cabinet and cast-iron trunnion.

> 503.570.3200 www.sawstop.com



#### **Wood Component Mfrs. Assn.** furniture component producers

Booth No 4148

Member companies of the Wood Component Mfrs. Assn. produce cabinet parts, millwork, furniture, flooring and custom and specialty wood products.

> 770.565.6660 www.woodcomponents.org



# 3AComposites Inc. aluminum composite material

Booth No 3015

3AComposites Inc. aluminum composite material (ACM) consists of two sheets of smooth .02 inch aluminum thermobonded to a polyethylene core in a continuous process. It is prefinished with a premium Kynar 500 PVDF resin-based coil coating that is available in a number of standard and custom colors

704.658.3520 www.3acompositesusa.com

#### **Lenmar Inc. wood finishes**

Booth No 1770

UniLag from Lenmar is a precatalyzed

solvent-borne acrylic lacquer that is ready to spray, self-sealing, non-yellowing and compliant with national VOC and HAP regulations. The high solids formula is designed to build a durable, chemical resistant finish ideal for furniture, cabinets and displays.

386.428.6461 www.lenmar-coatings.com

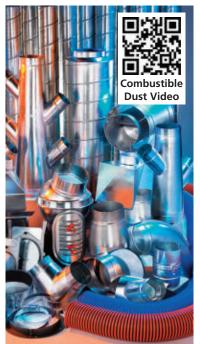
# Hardwoods Specialty Products imported plywood

Booth No 1824

Dragon Ply imported plywood from Hardwoods Specialty Products features thick face and back veneers; machinedried cores; and multiple core options, including poplar, MDF cross-banded veneer, combination core, lightweight lumber, MDF and particleboard. Also available are veneer-wrapped mouldings, raised panel inserts and engineered veneer.

602.278.5000 www.hardwoods-inc.com

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#### **Boise Wood Products** particleboard

Booth No 2010

Boise Select from Boise Wood Products is a high-performance particleboard with a high internal bond, tight core and reduced fiber size to provide added strength and machinability. Designed to fill a niche between regular particleboard and more costly MDF, it can be used for many applications while reducing raw material cost.

> 208.384.6610 www.bc.com



#### Anest Iwata USA Inc. spray gun

Booth No 2700

Series LPH-400 center-post gravityfeed spray guns from Anest Iwata USA are HVLP guns designed for obtaining improved control on refinish paints that contain fine metallics and pearls. Their gravity-feed design provides for easy clean-up and reduces material waste

> 513.755.3100 www.anestiwata.com

#### Daubert Chemical Co. Inc. adhesives

Booth No 4413

Daubert Chemical Co. Inc. offers a wide variety of Daubond waterborne and solventborne adhesives for use in woodworking applications, including laminating and membane pressing. They include contact and hot melt adhesives.

> 800.688.0459 www.daubertchemical.com



#### Safety Speed Mfg. compact vertical panel saw

Booth No 6013

The C5 vertical panel saw from Safety Speed is a compact version of its larger models. It measures 5 feet in length and has the ability to cross cut up to 64 inches and rip cut up to 96 inches. It is designed for users who have limited shop space, and can be customized with a wide range of accessories.

> 763.755.1600 www.safetyspeed.com

#### Costa & Grissom Machinery Co. widebelt sanders

Booth No 5535

Series KKA bottom and top widebelt sanders from Costa & Grissom are available with planer units, drum units and sectioned pads. They use sanding belts in 75- and 103-inch lengths, with working widths of 45 and 52 inches.

> 336.434.6644 www.costagrissom.com



#### **Guhdo-USA** 1/2-inch diamond router bit

Booth No 5534

Guhdo-USA says its 1/2-inch diamond router bit, designed for CNC nesting applications, allows feed rates up to 90 ft/ min. The bit is available with a one-, twoor three-flute design, and blades can be sharpened many times.

> 770.592.4766 www.quhdo.com

#### A. Lewis Mfg. Co. small mouldings

Booth No 3159

A. Lewis Mfg. offers its line of Micro Mouldings, plain or embossed mouldings as small as 1/8 by 3/16 inch. They are available in most domestic hardwoods, including alder and mahogany.

> 410.467.2212 alewismfq.com



#### **Delta Power Equipment Corp.** Model 31-484 oscillating spindle floor sander

Booth No 6729

Delta Power Equipment Corp. Model 31-484 is an oscillating spindle floor sander with a 0-degree to 45-degree tilting spindle arbor. Along with adjustable power stops at 45 degrees and 90 degrees, the sander features a 24 5/8-by-24 1/2-inch cast iron table and on-board storage. It has a 1 HP, 110V motor with 1,725 RPM spindle speed and 71 oscillations per minute, the company says.

> 864.231.5888 www.deltamachinery.com



#### **Delcam International** ArtCam Insignia

Booth No 4522

Delcam International's ArtCam Insignia is a design software for creating 3-D shapes and 3-D face profiles and designing 3-D models for rotary machining and other applications. Features include: the Shape Editor, which can make a selected vector or color into a 3-D shape with chosen shape profile, angle and height; sculpting tools to smooth over blemishes, visible joins or sharp edges; and a Two Rail Sweep tool to create 3-D sweep shapes using vectors to determine a shape's edges and cross sections.

+44.121.766.5544 www.artcam.com

#### Amana Tool Timberline Goldline thin-kerf saw blades

Booth No 5147

Amana Tool Timberline Goldline thinkerf saw blades are designed for use in portable circular saws and are ideal for applications in wet lumber, wood and pressure-treated lumber. The line consists of two blades: a 24-tooth framing blade and a 40-tooth finishing blade.

631.752.1300 www.amanatool.com

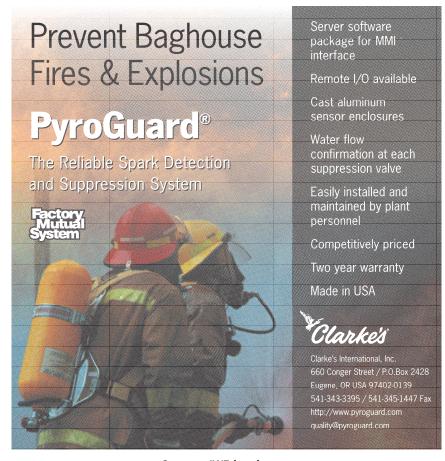


#### Hera Lighting TapeVE-LED

Booth No 2837

Hera Lighting's TapeVE-LED is a flexible LED light for larger applications such as accent lighting in retail displays, furniture, cabinets or boats. The tape illuminates with low heat and no UV and can be installed around most angles. The tape, which the Hera says uses 14.4W/m and is rated at 30,000-hour lamp life, is sold in 5-meter rolls with 60 LEDs/m and 300 LEDs per roll.

770.409.8558 www.heralighting.com



#### See us at IWF, booth 5861



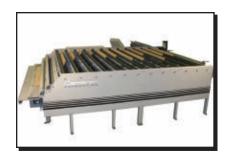
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704.362.1922 smartechonline.com



#### James L. Taylor Mfg. Co. Cameron flooring nester

Booth No 6412

James L. Taylor Mfg. Co. offers the Cameron flooring nester. In addition to producing bundles of varying length and width, the Cameron software tracks incoming and outgoing data. According to the company, the machine eliminates repetitive manual labor, controls square footage in each bundle and tallies material automatically.

> 800.952.13320 www.jamesltaylor.com



#### **General Tools & Instruments HT 10/20/50 USB humidity/** temperature data loggers

Booth No 4556

General Tools & Instruments' HT 10/20/50 USB humidity/temperature data loggers can record up to 16,000 data points per unit (up to 8,000 pairs of ambient temperature and relative humidity readings) over a period of days, weeks or months. Each data logger in the HT series has a temperature measurement range of 4 F to 158 F, and an RH range of 10 percent to 90 percent, according to the manufacturer.

> 212.431.6100 www.generaltools.com



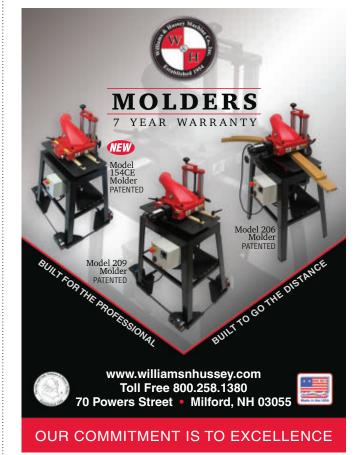
#### Berenson Corp. Inspired **Design series Puritan Collection**

Booth No 2855

Berenson Corp.'s Inspired Design series includes the Puritan Collection of decorative hardware, inspired by fashion and shapes that are geometric, folded and draped. The collection consists of twelve pulls and four knobs, available in an assortment of sizes including 69 mm, 128 mm and 3 inches. Finishes include brushed nickel, brushed tin, verona bronze and polished nickel.

> 716.833.3100 www.berensonhardware.com







#### **FJM Security Products** dust shutter cam locks

Booth No 1721

Dust shutter and high-security cam locks are available from FJM Security Products. Locks come in cylinder lengths of 5/8 inches, 7/8 inches and 1 1/8 inches with a chrome finish Other features of the locks include optional straight and offset cams, one- and two-key pull, keyed alike or keyed different, and zinc allow housing.

> 800.654.1786 www.fjmsecurity.com



#### Hettich America L.P. ball bearing runners

Booth No 2115

Ball bearing runners from Hettich America L.P. work with steel balls in precision profiles. The Silent System soft-closing mechanism provides a rotary damper that evenly reduces forces. The system works more or less independently of drawer loading and allows furniture manufacturers to design fronts without handles, according to the company.

> 800.777.1772 www.hettich.com

#### Flex-Trim US Inc. sanding flapwheels

Booth No 5941

Flapwheels from Flex-Trim are available in diameters from 2 to 20 inches in any length for any arbor. The high-pressure, low-speed, modular flapwheels are designed for long abrasive life. Applications include prep, sealer and primer sanding on wood, MDF, plastics and metals.

> 678.377.0001 www.flex-trim.com

#### **Excel Dowel & Wood Products** Inc. dowels and plugs

Booth No 1910

Excel Dowel & Wood Products offers plain and preglued dowel pins, dowel rods, buttons, plugs, knobs, balls, biscuits, handles, spindles, finials, bun feet, corbels, mouldings and a variety of other stock and custom wood parts.

> 630.775.9300 www.exceldowel.com







www.keystonewood.com KEYSTONE



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#### **FS Tool Corp. cutting tools**

Booth No 5452

FS Tool Corp. offers a complete line of polycrystalline diamond (PCD) cutting tools. These cutting tools with PCD tips are resistant to wear, and can be used to machine hardwood, plywood, MDF, chipboard, plastics, phenol and epoxy resin materials, fiberglass, reinforced plastics and aluminum-silicon alloys.

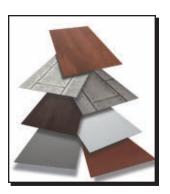
> 905.475.1999 \www.fstoolcorp.com

#### Hansentek spark detection

Booth No 4859

The AN6400 spark detection and extinguishment system from Hansentek is expandable up to 64 zones, but can also be used in single-zone systems. The infrared spark detectors can detect and signal the presence of a spark in less than 1 millisecond. Coupled with a highspeed solenoid, the system ensures a full water spray pattern across the entire duct in a quarter of a second.

> 905.607.5780 www.hansentek.com



#### **Chemetal metal designs**

Booth No 1700

Chemetal offers seven metal designs, including the 600 Series printed metals. Created on fabrication-friendly aluminum, these printed designs range from industrial to elegant with fine, dimensional,

horizontal patterning. Chemetal's 300 Series designs feature classic warehouse motifs and warm bronze appearances. Designs are offered in a 4-by-8-foot and 4-by-10-foot sizes.

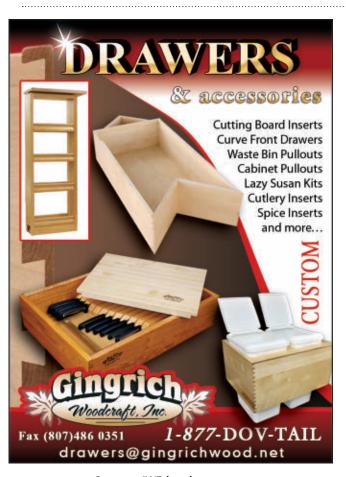
> 413.529.0718 www.chemetal.com

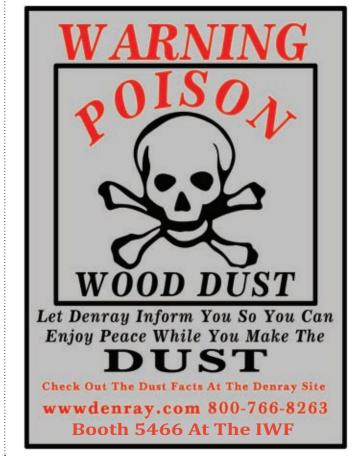


#### **Bosch Power Tools** and Accessories Daredevil framing blades

Booth No 5334

Bosch Power Tools and Accessories Daredevil framing blades are thin-kerf, hard steel plate blades with carbide teeth. A Speed Coat finish provides added speed





and avoids binding in treated or wet lumber, Bosch says. Typical applications include crosscut and rip cut of framing lumber, plywood, synthetic building panels, flooring and siding materials.

> 224.232.2738 www.boschtools.com



#### **General International cordless** precision engraver

Booth No 5053

General International offers a cordless precision engraver with a diamond tip bit and tri-lobe ergonomic grip. The engraver has a 20,000 RPM motor powered by two AAA batteries.

> 888.949.1161 www.general.ca



#### Art for Everyday Inc. **Square Italianate Posts**

Booth No 1421

Art for Everyday Inc. offers Square Italianate Posts. The posts are stocked in sizes of 3 1/2-by-3 1/2, 5-by-5 and 7-by-7. but can also be customized.

416.645.5120

www.artforeveryday.com

#### **Grex Power Tools Green Buddy nailer**

Booth No 4746

Grex Power Tools offers the Green Buddy nailer, an 18-gauge, 2-inch brad nailer. The nailer has a hardened steel nose



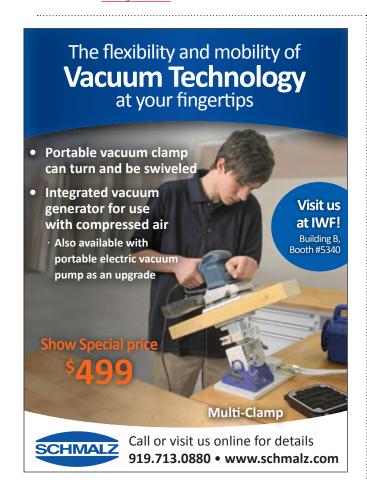
piece, one-piece steel driver and extruded aluminum magazine. The kit comes with the brad nailer, plastic carrying case, two no mar tips, bottle of tool lubricant, Allen wrench set and safety goggles.

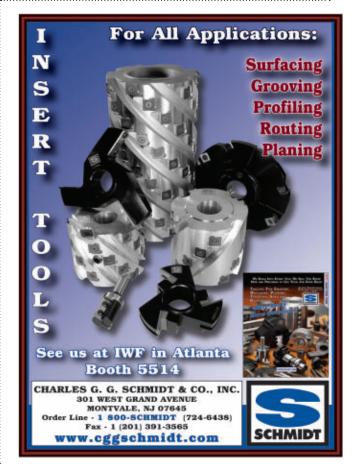
> 626.289.7618 www.grexusa.com

#### **ITW TACC** high pressure laminate adhesives

ITW TACC offers a full line of adhesive products, including water based, solvent based, portable canisters, and bulk adhesives in both brush and spray grades. ITW TACC is responsive to OTC state regulations regarding VOC content in high pressure laminate adhesives.

> 800.503.6991 www.itwtacc.com









**ETP Transmission Inc. ETP Cubit** Booth No 6564

ETP Transmission Inc. offers the ETP Cubit, a patented adjustable system for profiling. The system is particularly relevant to cutting tongue and groove in the manufacture of flooring. The system is easy to operate with axially access and three steps. Precise adjustment is done by 0.01 mm.

> +46 (0) 13.24.71.00 www.etp.se



#### Accu-Systems Inc. **DBJ** drawer machine

Booth No 6569

Accu-Systems Inc. offers the DBJ drawer machine. This product is a multiaccess station drawer box machining center that can be configured to do English and French dovetail drawers. It can also drill holes for mounting drawer fronts, and route for under mount drawer glides and drawer bottom grooves.

> 801.965.1900 www.accu-systems.com

#### Black Bros. Co. roll coater L300RC

Booth No 5713

Black Bros. Co. offers the L300RC roll

coater. The coater is designed and built to remove waste in both process and material in the roll coating operation.

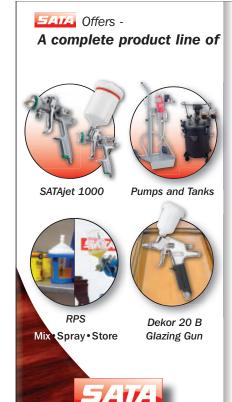
> 815.539.7451 www.blackbros.com



#### Dubois Equipment Co. Inc. DRC-50 S series differential coater

Booth No 6935

Dubois Equipment Co. Inc. offers the DRC-50 S series differential coater. This product provides a precise application of coating to flat substrates, according to the company. Control of film thickness is regulated by varying the speed and direction of the doctor



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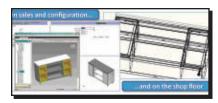
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roll, which allows for the application of both water-based and UV-cured materials.

> 812.482.3644 www.duboisequipment.com



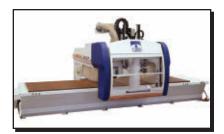
#### Friedman Corp. 3D Frontier CADFlow integration

Booth No 4535

Friedman Corp. offers the 3D Frontier CADFlow integration. Features include its enhanced quote-to-sale process with visualization and communication capabilities; rapid deployment using existing models, rules, database and expertise; and no new "configurators" to learn.

847.948.7180

www.friedmancorp.com



#### CMS North America Inc. Pentax cantilever machining centers

Booth No 7229

The Pentax series of cantilever machining centers from CMS North America is designed for the machining of parts in all woodworking industries. Particularly useful for furniture and staircases due machine flexibility and the working table lengths - 2.2 feet. 17.1 feet. and 25 feet. The standard working unit is 5-axes and additional units include a 3-axes working unit, drilling units, and saw blade unit. Working tables available include vacuum, vacuum pods and rails, and pneumatic clamping systems.

> 616.698.9970 www.cmsna.com

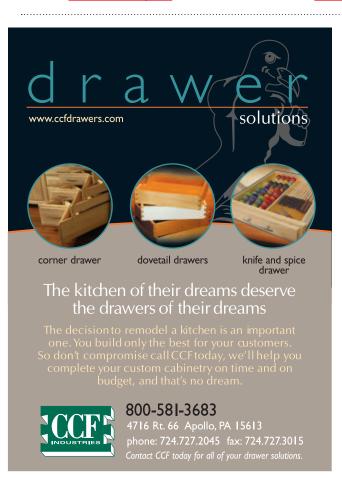


#### CompX Timberline StealthLock

Booth No 1931

The StealthLock by CompX Timberline is an invisible, keyless locking system for wood cabinetry. The system utilizes radio frequency technology which permits the transmitter pad to be moved anywhere, leaving no trace of visible hardware or signs of being secured. Programmable supervisor and user codes and four modes of operation allow the user to tailor the StealthLock to their application.

> 847.234.1864 www.stealthlock.com





#### Accurate Technology Inc. ProCAB QC

Booth No 5853

Accurate Technology Inc. offers ProCAB QC, a software application designed to be used with a ProTable-CAB two axis measuring system. The program provides an easy method for importing production or purchase order part data via CSV files.

> 828.654.7920 www.proscale.com

#### Cantek P400E programmable sliding table saw

Booth No 5559

Cantek introduces the P400E 3-Axis programmable sliding table saw. The P400E is designed to automate the time consuming operations and adjustments performed on manual sliding table saws. The overhead control automates the rip fence position, rise



and fall of the main blade, and tilting of the saw blades. The machine also comes equipped with motorized scoring adjustment on the overhead control. The sliding table runs on hardened linear guides for an effortless table movement.

> 888.982.2683 www.cantekamerica.com

#### **Becker Acroma** finishing solutions

Booth No 1855

Becker Acroma features an extensive line of water-based clear and pigmented precatalyzed, conversion varnish and UV wood finishes. In addition, the company offers a full line



of ECO and AquaChroma waterborne stains, dyes and dye concentrates as well as an extensive line of high quality polyurethanes.

> 519.758.1508 www.beckeracroma.com

#### Ali Industries Inc. **Gator sandpaper**

Booth No 1837

Ali Industries Inc. has introduced the new Gator® Ultra Power Premium Series sandpaper with Black Zirconium. Gator® Ultra Power sandpaper sands three times faster and last three times longer than regular sandpaper.Gator Ultra Power Premium Series sandpaper

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products can be used for hand sanding but are designed to handle hardworking power sanders delivering professional results every time on a variety of materials, including wood, metal, fiberglass and painted surfaces.

> 937.878.3946 www.gatorfinishing.com



#### **CRP Industries Inc.** motor accessory

Booth No 6912

CRP Industries Inc. offers the Perske KCS 70 D motor with a manual HSK-F63 direct tool mounting system for

standard HSK-F63 tools. The motor meets the demands of a full sizing application while eliminating the cost of complex automatic tool changing accessories.

> 732.969.2200 www.crpindustries.com

#### **Axiom Industries** machinery rollers

Booth No 5374

Axiom Industries offers a wide selection of power feed rollers. These include replaceable, press-on and bonded-tohub styles. The company also offers moulder feed wheels, edgebander rollers and pads and recoating of rollers, pads and tires.

503.620.2439

#### **Col-Met Spray Booths Inc.** waterborne flash-off system

Booth No 3106

The EVO-4 waterborne flash-off system by Col-Met Spray Booths fea-



tures a 4-tower system that will cover each corner of any standard-size booth but can be modified based on spray booth length and configuration. Three Venturi nozzles create turbulence to disrupt laminar airflow during flash-off, and three stainless-steel pipes with air outlets rotate to position the directional nozzles for optimal airflow settings.

> 972.272.3838 www.colmetsb.com







#### **CMT USA** router bits

Booth No 5262

CMT offers a line of solid-surface router bits. The carbide grade is designed to withstand the demands of solid-surface material, and nonmarring Delrin-coated bearings are mounted on each solid-surface bit. There's a choice of drainboard router bits, face-inlay bits for plastic or metal inlays to solid-surface countertops, corner-rounding and decorative bits and undermount bevel bits

> 336.854.0201 www.cmtusa.com



#### **Collins Companies Pine** FreeForm particleboard

Booth No 4853

The Collins Companies' Pine FreeForm particleboard now meets the moisture resistant specifications for ANSI MR-10 per the ASTM D 1037-06a for 24-hour water absorption. The particleboard is certified under the California Air Resources Board CARB Phase 2 In addition. Collins Pine FreeForm contains 100% recycled post-industrial fibers, is FSC-certified, and is LEED compliant.

MR or Moisture Resistant Particleboard is a type of particleboard with a special water-resistant resin added to the panel to ensure moisture resistant properties.

> 503.417.7755 www.collinswood.com



#### **Brookside Veneers. Ltd.** wood veneers

Booth No 1500

Brookside Veneers offers FSC-certified wood veneers -- ebony, teak and oak. 609.409.1311

http://www.veneers.com







#### Invis (North America) Inc. Mini-Mag adapter

#### Booth No 1417

Invis offers the Mini-Mag, designed to expand capabilities for connections in confined areas. The product can attach directly into cordless or corded drills with variable speed reaching 1,100 rpm. The adapter also can be used on flexible-shaft extensions.

> 877.867.9019 www.swissinvis.com

#### **Italpresse through-feed hot press**

Booth No 5446

The Italpresse V-8/32-16 through-feed hot press can be used for laminating stock-size panels and cut-to-size components with wood veneer or HPL. A panel indexing system allows glued



panels up to 5 feet by 10 feet to be laid on the bottom face material by a single operator. The press features a color graphic, touch-screen controller.

> 941.639.2100 www.italpresseusa.net

#### **Beland Forest Products panels**

Booth No 4416

Beland Forest Products manufactures and distributes a wide variety of products for the furniture and construction industries. Included are melamine panels and tabletops; countertops; doors; hardwood, plywood and MDF panels; treated lumber, etc.

> 418.831.8860 www.beland.com



#### Alexander Dodds Co. dovetailer

Booth No 5813

Dodds' redesigned single spindle dovetailer, model SE-1CNC-C, can produce standard English dovetails at 40 to 80 drawers per hour, custom English dovetails and box joints. The type of construction is selected with the touch screen operator. Setup information is then entered into the machine's computer.

> 616.784.6000 www.dodds.com







#### AOM Spray Equipment pump

Booth No 3325

The K20 air assist airless pneumatic piston pump from AOM Spray Equipment is mounted on a telescopic cart for easy mobility. Features include a stainless steel pump body, shutoff air valve and stainless steel wet parts. It comes with 25-foot air and fluid hoses, hose jacket and spray gun.

> 484.281.3451 www.aomspray.com



#### **EAM-Mosca Corp** trapping system

Booth No 4852

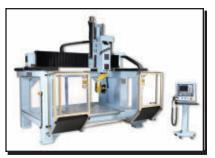
EAM-Mosca offers strapping machines designed to improve the strapping of protective packaging around windows, doors, cabinets and furniture. The ROMS side-sealing strapping system is designed to slip easily into conveyorized production lines.

> 570.459.3426 www.eammosca.com

#### **Diversified Machine Systems Inc. CNC router**

Booth No 6913

A compact five-axis gantry CNC router from Diversified Machine Systems fea-



tures a moving gantry bridge-fixed table, a 36-inch z-axis stroke, 11 hp automatic tool change spindle, 12 pocket tool magazine rack, CNC control system and full CAD/CAM compatibility.

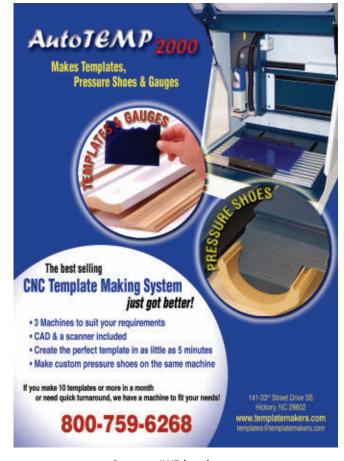
> 719.226.5066 www.dmscncrouters.com

#### Bardo Abrasives Inc. abrasive wheels

Booth No 6421

Finger Flex abrasive wheels from Bardo Abrasives conform and shape to all types of mouldings. They can be used for white wood, sealer and topcoat finishing, and are available in grit ranges from 80







to 320 and in sizes from 8-inch by 2-inch to 10-inch by 6-inch.

718.456.6400 www.bardoabrasives.com



**Element Designs Inc.** aluminum-glass doors

Booth No 3031

Aluminum-frame cabinet doors with

safety glass inserts from Element Designs are available for face-frame and frameless cabinets. They are available with 26 tempered colored glass insert options. Applications include kitchens, baths, entertainment centers and retail displays.

> 704.332.3114 www.element-designs.com

#### **Doucet Machineries Inc.** door assembly

Booth No 5035

Door Master systems from Doucet can be used for assembly, clamping and squaring of pantry doors as large as 30 inches by 72 inches down to drawer fronts measuring 5-1/2 inches by 12-1/2 inches. Features include two vertical and one horizontal pneumatically actuated clamps per section. The Door Master is also available in a five-section rotary model.

> 819.367.2633 www.doucetinc.com



#### **Arminius Tooling** profile sanding tools

Booth No 5274

Arminius Tooling supplies profile sanding tools used in the production of furniture, doors and windows by cabinet shops and industrial manufacturers. The tools are used on tabletop machines. throughfeed machines and CNC machining centers to process wood, chipboard, MDF panels and plastics.

> 320.230.5902 www.arminiustooling.com







#### **Hi-Tech Duravent** flame-retardant hose

Booth No 6060

Hi-Tech Duravent's 2PN and TD-S/TD-HS flexible polyester hose and ducting are UL-rated as flame retardant in applications such as ventilation, filtering and fume evacuation. The products are available in 25-foot lengths and can be cuffed for easy installation and tighter seals

> 800.348.6500 www.hitechduravent.com



#### **Delmhorst Instrument Co.** thermo-hygrometer

The HT-3000 thermo-hygrometer from Delmhorst Instrument provides environmental temperature, relative humidity, dew point and grains per pound. It is designed for woodworking professionals to measure conditions of the environment in which they're working.

> 973.334.2557 www.delmhorst.com

#### **Dynaric Inc. strapping machine**

Booth No 4642

The DF-20 semi-automatic strapping machine from Dynaric uses 6, 9 or 12mm strapping. Strap feed and tension are externally controlled. It is designed with a limited number of moving parts to minimize maintenance, and it features casters for easy movement within a plant.

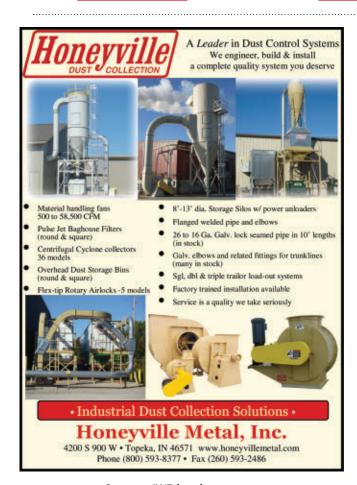
> 800.526.0827 www.dynaric.com

#### **Fischer Precision Spindles Inc. spindles**

Booth No 7364

ELTE motors and spindles are available from Fischer Precision Spindles. Applications include routing, drilling, milling, edgebanding, sawing, mortising and engraving. Models are available with power from 0.10 to 20 hp and speeds to 50,000 rpm.

> 860.828.0595 www.fps-spindles.com





and comply with regulations.



#### Cemar Electro Inc. laser

Booth No 3111

The EC-805 or Pico alignment laser from Cemar Electro is designed for light-duty use by woodworkers who need to occasionally project cutting lines. The unit is only 3.15 inches long, and will fit on a wide variety of equipment, including table, radial arm and band saws.

> 514.631.5807 www.cemarelectro.com

#### **Century Hardware keyboard tray**

Booth No 2727

The Century Hardware Ergo-Mate is a user-friendly and fully articulating com-

puter keyboard support that is designed to provide adjustment flexibility, underdesk storage ease, installation simplicity and user versatility.

> 616.988.4788 www.century-hardware.com



#### Flexible Materials Inc. flexible veneer sheet

Booth No 1431

Prefinished Flexwood is a wood veneer laminated to a variety of backings and processed into a flexible wood veneer sheet. The sheets are then finished in stock natural finishes or to customer specifications. Flexwood is also available unfinished.

> 812.2807000 www.flexwood.com



#### Jamieson Mfg. Co. laser engraving

Booth No 7253

Laser engraving and cutting systems from Jamieson Mfg. are available in sizes from 14 by 20 inches to 30 by 60 inches, and in a choice of laser power from 50 to 110 watts. The included software supports 10 of the most commonly used graphic formats.

> 860.482.6543 www.jamiesonmfq.com

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#### **Baker Products** saw blade sharpener

Booth No 5135

The Quik-Sharp from Baker Products allows blades to be sharpened without altering the original profile of the band. Blades do not have to be removed to sharpen them. The Quik-Sharp is attached to the blade while it is still on the mill. It automatically advances the blade and has it sharpened in a short time.

> 573.663.7711 www.baker-online.com



#### **Inter-Mares Trading Co., Inc.** cane furniture components

Booth No 2715

Inter-Mares Trading offers all types of custom furniture components, including sofa arms, sofa side arms, custom woven rush seats, Hemmingway cane webbing patterns and custom woven cane patterns. Types include chair cane, binding cane, flat reed, flat oval reed, round reeds, rattan poles, bamboo poles, decorative laminates and rush seats

> 631.957.3467 www.canefish.com

#### EdgeCo Inc. edgebanding

Booth No 5062

Edgebanding from EdgeCo is available for same-day shipping with a one-roll minimum order. Products include PVC in 1.400 colors, wood veneer, thick PVC. melamine, polyester, metallic and sheet veneer. Also available are adhesives and edgebanding tools.

> 631.434.2727 www.edgecoinc.com

#### **Cresswood Shredding Machinery saw waste grinder**

Booth No 5428

Cresswood Shredding Machinery's EF-24A grinder is designed for companies needing to eliminate wood waste generated by small bandsaws and resaws, and blocks from chop saws. It is suitable for small furniture and cabinet shops or can be used as a dedicated grinder for a high-speed panel saw or gang ripsaw.

> 815.758.7171 www.cresswood.com







**Hot Melt Technologies Inc.** Benchmark 205-LV2 hotmelt system

Booth No 6953

The Benchmark 205-LV2 hotmelt application system from Hot Melt Technologies offers a flow rate of up to 50 pounds per hour for low- and medium-volume applications. It features a 1.25-gallon melt tank, and can be used with one or two hoses and handguns with either bead or spray nozzles.

> 248.853.2011 www.hotmelt-tech.com



**Belwith Products LLC** over-sized pulls

Booth No 2510

Belwith Products LLC offers 8-inch to 18-inch pulls that coordinate in style and finish with its Zephyr, Studio and Refined Rustic cabinet hardware collections. The pulls are designed for use on oversized cabinetry and wood-faced appliances. Styles range from Art Deco to geometrical to hand-wrought rustic.

> 877.556.2918 www.belwith.com

#### **Heico Fasteners Inc.** custom fasteners

Booth No 4847

Heico Fasteners is able to produce custom fasteners with logos or other artwork. Fastener types include single shank nail, two-prong spread and buttonhook back. Applications include upholstery, case goods, frames, etc.

> 828.261.0184 www.heicofasteners.com

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Booth No 2516

American Adhesive Coatings has available a high-temperature-resistant (more than 250 F) hotmelt adhesive for laminating paper, 30 to 300 grams, up to 5 feet wide, to particleboard, MDF and plywood.

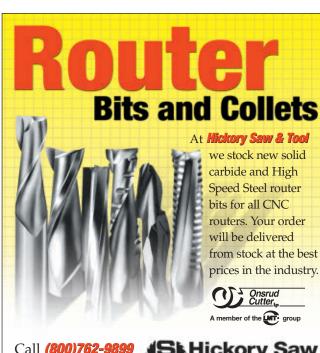
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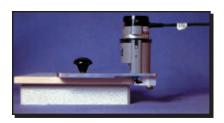


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#### **Betterley Industries Inc. trim router**

Booth No 5261

A PVC trim router from Betterley Industries Inc. uses a specially designed base and guide system, along with a special cutting bit, to trim 3mm PVC edgebanding flush with the surface of any shape panel and to radius the edge, both in one pass.

> 763,755,3425 www.betterleytools.com

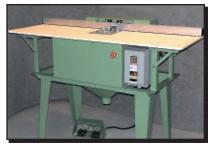


#### **EuroVinyl Plus USA LLC** flexible vinvl

Booth No 1812

EuroVinyl Plus supplies flexible vinyl in a wide range of patterns in solids, woodgrains, metallics and abstracts for surfacing kitchen cabinets, furniture, closets, etc. The vinvls can be used for membrane pressing, edgebanding, profile wrapping, flat laminating and post-forming, and are matched to Formica and Wilsonart laminates

305.593.1035



#### **Hurst Engineering SN1100** drawer box notcher

Booth No 6771

The SN1100 drawer box notcher from Hurst Engineering automatically cuts the notch and drills the hole for undermount drawer guides. The positioning guide indexes from the inside of the drawer, allowing for variances in material thickness.

717.866.2343

www.hurstengineering.com

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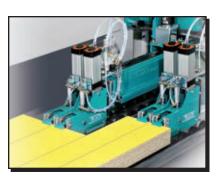
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#### Giben America Inc. Panel saw gripper system

Booth No 6712

Giben America's PM System for horizontal beam saws is designed to eliminate the need for multiple fixed-position grippers. The grippers position themselves in both X-axis (the width of the pusher) and the Y-axis (perpendicular to the width of the pusher) to both clamp multiple strip widths and differential cross cut lengths in a single cross-cut sequence.

> 770.448.9140 www.giben.com



#### **Brown Wood Products Co. columns**

Booth No 1411

Designs-of-Distinction by Brown Wood Products offers the Weaved Collection as an island column and as a Create-A-Column split spindle.

> 847.673.4780 www.brownwoodprod.com



#### All-Star Adhesive Products Inc. zoneboard cover gasketing

Booth No 5918

Zoneboard cover gasketing from All-Star Adhesive Products is designed to hold down small, narrow or odd-shaped parts on a router without vibration. The cover is a custom-width sheet of adhesive-backed on-board gasketing that users adhere to the spoilboard. Tool paths are then routed through the foam, leaving a customshaped gasketing sheet for the particular application.

> 800.878.7827 www.allstaradhesives.com





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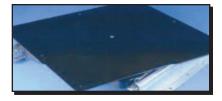


#### **Deimco Finishing Equipment** finishing conveyor

Booth No 4865

The all-mechanical cross-transfer conveyor from Deimco offers smooth, quiet transfer of products, and can be configured to specific applications. Combination ovens and oven conveyors can be integrated with the cross-transfer conveyor for turnkey lineal and flat-line finishing systems.

> 641.484.8806 www.deimco.com



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Booth No 2000

A 200-pound, full-extension TV pullout from Advanced Affiliates features 360 degrees of rotation and 320mm of travel on heavy-duty ball bearing slides.

> 718.335.3300 www.decoritehardware.com

### American Renolit Corp. rigid thermofoils

Booth No 1827

Rigid thermoforming films from Ameri-



can Repolit are available that match those of Tafisa Canada's thermofused melamine boards and high-pressure laminates. The matching program allows specifiers to mix and match rigid thermofoils with melamine boards and HPLs on the same end-product based on each component's design and expected level of use.

> 973.386.9200 www.americanrenolit.com



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