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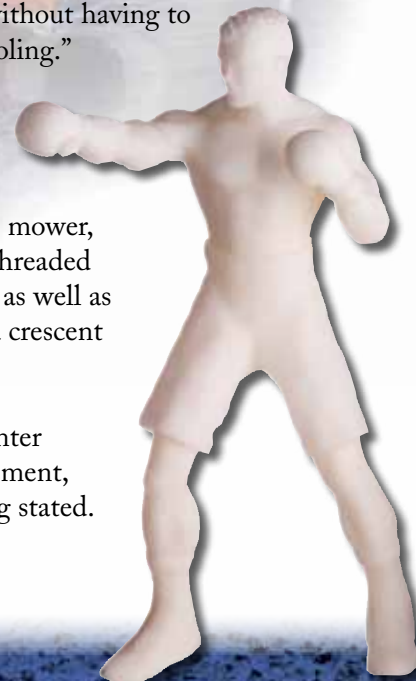
THE WRAP-UP

$ COSTCUTTERS

Packnet Ltd. Announces 3D Product Prototyping Capability

Nuesku, a division of Packnet LTD, now has the capability to make detailed prototype parts from durable and lightweight ABS plastic. By using a Stratasys Dimensions SST 1200 3D printer, exact dimensional mock-ups of any product or part may be created from an electronic CAD/STL file. Mock-ups can be built up to 10" x 10" x 12" tall.

This capability has many applications, including testing dimensional compatibility of product components as well as providing actual visual representations. "The primary purpose for adding this new capability was to create molds used in the thermoforming process to develop clamshell and blister packs for our retail packaging division, Nuesku," said owner Mike Nyberg. "Now, we are able to offer this service to others that simply want to see a prototype part without having to spend a fortune on tooling."

Some examples of parts that have been created include components of a lawn mower, moving pulley parts, threaded inserts, display panels as well as various tools such as a crescent wrench.

"Significant challenges arise using only a computer screen or color printer output when trying to communicate the true design details to management, marketing, customers, vendors and others on the design team," Nyberg stated.

POLLUTION SOLUTION

Get Up On Green!

Packnet Ltd has recently become involved with **UPonGREEN** (UP) which is a plan for progress. UP has simplified 'green' for individuals and businesses into a 14-point list of criteria which focus on recycling, energy consumption and more. Additionally, UP is a communication tool to help consumers know which businesses are operating with 'green' practices.

What makes **UPonGREEN** different from other environmental seals and certifications? Most seals and certifications are intended for products, not businesses. **UPonGREEN** is a communication tool for businesses and individuals/families to display at a business and on its products stating what the company does environmentally, such as recycling, water conservation, use of high efficiency lighting (such as Energy Star rated), buying or selling organic products, eliminating single-serving bottled water, use of post-consumer waste products, etc.

Studies show that 'green' is very confusing to most people, therefore **UPonGREEN** has put together a plan that brings 'green' down to the most attainable and comprehensive basics. Currently, there is a concern that many consumers are becoming desensitized to the words 'green' and 'environmental' because of the ambiguity and because there is so much terminology about high-tech solutions. Our plan is to focus on the basics and put an infrastructure in place for everyone that is simple to follow.

"We have recycled materials for quite some time at Packnet," said Dan Schultze of Packnet Ltd. "However, we are now beginning to review even further and implement reductions in energy consumption as well as raw materials purchased for our manufacturing processes. We've made great strides and will continue to do more to reduce waste with reusable packaging products as well as the use of recycled foam materials, for instance. Look for more 'green' material choices and products from Packnet Ltd. in the future."

www.watchdoggoosepatrol.com - Watch Dog Goose Patrol's dog silhouettes keep geese away from areas wherever the dogs are placed. The German shepherd decoys are die-cut by Packnet.

www.packnetltd.com/downloads/May_Jun09_IP.pdf - Packnet profile as featured in MPMA.

www.packnetltd.com/3d-modeling.html - Link to our new 3D modeling capabilities.

www.upongreen.com - This site provides access to the Eco-Profiles of businesses, organizations and public offices that have gained "green" certification.

UPDATE

The Emerald Ash Borer has Arrived in Minnesota

Our 2007 winter issue of Wrap-Up included an article titled "Is the Emerald Ash Borer (EAB) Coming to Minnesota?" It stated that at the ash borer's annual rate of spread, it could arrive in the St. Paul/Minneapolis area in 60 years - or it could arrive tomorrow in a load of firewood.

Today, we know the ash borer was discovered in St. Paul on May 13th. Since its discovery in Detroit in 2002, the ash borer has destroyed tens of millions of ash trees in ten states. It now threatens Minnesota's 900 million ash trees, which is second only to Maine for most ash trees in the nation. Why does Minnesota have so many ash trees? A generation ago, ash trees were the preferred replacement for elm trees, which were ravaged by Dutch elm disease.

The prognosis isn't good. Although small ash trees may be treated economically with insecticides, trees with a diameter larger than 15" will need more expensive, professional treatments performed annually to survive. If a homeowner is deciding whether to treat their ash tree(s), they should consider the risk of infestation and the cost of performing treatments throughout the tree's lifetime. Eventually, it will need to be determined what tall, fast-growing and affordably priced trees – that are not susceptible to disease or fungus – will replace ash trees.

For more information:
www.emeraldashborer.info/homeownerinfo.cfm

www.extension.umn.edu/issues/eab

www.mda.state.mn.us/plants/pestmanagement/eabhomeowners.htm

PRESS RELEASE

Packnet Announces the Formation of Nuesku

Packnet Ltd. announces the formation of Nuesku, a business specializing in custom retail packaging design and prototyping. The Nuesku product and service offerings can be found on Packnet's website in the Retail Packaging section.

Nuesku offers a professional staff who designs packaging that will truly differentiate a client's product in today's competitive market. Nuesku provides the total turnkey retail packaging solution from design to prototypes with four color graphics. Nuesku's entire array of creative and technical capabilities help retailers enhance or speed up the product introduction process.

"Nuesku knows the importance of getting the product to the market as fast as possible. That process includes getting your offshore manufacturing resource up to speed," said Rob Handberg. "Nuesku will accelerate your development speed with its rapid design and prototype process and ensure a smooth production ramp up by providing all the necessary documentation (engineering files, dielines and prototypes) needed to produce production tooling and packaging overseas."

Nuesku's in-house capabilities include: Packaging Design (folding carton displays, clamshells and blisters) thermoform prototypes, 3D-modeling, 3D-scanning and full graphic mock-ups.

– continued from cover Packnet Ltd. Announces 3D Product Prototyping Capability
"Functional 3D models created on our 3D printer enable you to test the product and have an actual functioning prototype to touch and feel. We also offer wholesale pricing based on the cubic inch of material used. Lead time is minimal, as we generally turnaround parts in 2-3 days!"

Contact Packnet to review your next 3D prototype requirement.

PACKNET LTD.

We help you achieve the greatest return for your packaging and precision cutting services.

THE WRAP-UP

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IN THIS ISSUE:

Cost-Saving, Custom Solutions for All Your Packaging & Cutting Needs

Cutting Services
- CNC routered sheet components & assemblies
- Waterjet & die cutting
- Single unit prototyping to high volume production
- Custom fabrication of wood, sheet materials, foam, plastic & other non-metallic materials
- 2D & 3D engineering services

Wood Boxes & Pallets
- Custom crates & boxes
- Cushioned pallet bases/skids
- Engineered wood products
- ISPM 15 export compliant

Crating & Packing Services
- Export & domestic packaging
- In-house or on-site packing
- Mil spec & dangerous goods
- Ocean container loading

Slot Lock™ Containers
- Assembly without nails, screws or hardware
- Standard & custom sizes
- Unique slot and tab design for easy assembly

Reusable Containers
- Collapsible plastic, wood & metal
- Totes, bins & bulk containers
- Trade show crates

Foam
- Polyethylene & polyurethane
- Foam-in-place packing & molded cushions
- ESD & anti-static foam

Plastic Corrugated
- Containers, cases, partitions & pads
- Collapsible & stackable boxes, trays & totes
- HDPP stock sheets, colors & thickness
- Screen printing and graphic options
- Die-cut, crease, slot, bend & perforate
- Sonic weld, glue, stitch & riveting assembly

Corrugated
- Triple & double wall containers, pads & assemblies
- Corrugated, foam & wood combination packs
- Tubes, trays, RSC & HSC boxes

Industrial Carts
- Kanban carts & systems
- Custom designed solutions
- Paint & finishing options

Retail Packaging Design Services
- Design/prototype: clamshells, blisters, folding cartons & displays
- 3D modeling: product prototyping & tooling
- Full graphic prototypes
- 3D Scanning into Solid Works™

Specialty Packaging Products
- ShockWatch® & tilt indicators
- Temperature & humidity indicators
- VCI poly bags, rolls & sheets
- Foam emitters, powders & aerosol sprays

PACKNET LTD.

We help you achieve the greatest return for your packaging and precision cutting needs.