



**Yesterday's News Is Today's Packaging**

## **NEWS RELEASE**

June 10, 2011

For more information, contact: James Bango  
(800) 243-2762

**FOR IMMEDIATE RELEASE**

---

### **CONNECTICUT BUSINESS SPECIALIZES IN ECO-FRIENDLY PACKAGING Atlantic Pulp Manufactures Molded Pulp Products**

(North Haven, Connecticut)---Within the packaging industry, molded pulp is receiving increased attention, because it is widely considered to be a completely sustainable packaging material. Traditionally thought of for egg cartons and nursery containers, today's molded fiber easily replaces corrugate, foam and plastics for all types of internal and external packaging.

Atlantic Pulp of North Haven, Connecticut specializes in the manufacturing of sustainable molded pulp packaging. The company, whose slogan is "Yesterday's News Is Today's Packaging," provides customized design/development, prototyping, tooling and production, utilizing a state-of-the-art molding machine system, the only one of its kind in New England.

In 2010, Company president James Bango sought an opportunity to expand on his two other businesses involved with a form of packaging--- Russell Partition, which provides corrugated and chipboard partitions and Custom Recycling, a wood pallet recycler and manufacturer--- and founded Atlantic Pulp, in response to market demand. Manufacturing customized, molded pulp products was a natural fit for his business model.

-more-

Bango explained, “The need was out there for a company in the regional marketplace to meet the increasing demand for molded fiber. Molded pulp is not only a ‘green’ solution, but it is also strong, flexible and durable, providing superior protection from vibration and shock than other types of packaging. Our proximity to our larger customers for molded pulp is also an advantage, in terms of holding down product transportation costs for our clients.”

Atlantic Pulp manufactures customized, protective molded pulp trays of different designs and geometries, up to 15” by 60” in size and supporting a weight of up to 40 lbs, used to house a wide variety of products. In addition, the company markets “Total Pak for Wine,” a packaging system consisting of a molded pulp tray insert and exterior corrugated box, designed especially to hold wine bottles. Available to house up to 12 bottles, “Total Pak for Wine environmentally outperforms vacuum-formed plastic and polystyrene designs with equal or greater protection,” according to Atlantic’s website, [www.atlanticpulp.com](http://www.atlanticpulp.com).

Atlantic also has the capability to custom-design and develop a mold for challenging and short-run products, through the use of a Fortus 3D Production System using Stratasys FDM (Fused Deposition Modeling) technology, which is particularly useful in industrial applications. In the FDM process, a 3D CAD file is created and the mold is built layer-by-layer in thermoplastic material, using SolidWorks and Insight software. The result is a highly accurate mold, which conforms to the paper pulp manufacturing process.

### **Process and Equipment**

Molded pulp is made entirely from recycled paper mixed with water. All the materials that go into the pulp come from 100% post-consumer waste: old newspaper and corrugate. Atlantic recycles left-over or less-than-perfect pulp trays from its own manufacturing, reuses raw materials from its sister companies or purchases them from specialized suppliers.

Bango noted that “Pulp is the most biodegradable form of packaging available today. We also use less energy in the manufacturing process, because the machinery runs with natural gas and utilizes a heat recovery process.”

The company’s molding machine was manufactured by KMI Pulp Machines of Ontario, Canada. Each KMI Pulp Molding System has a pulper that mixes fibrous material with water, which turns it into slurry that is used to produce the molded fiber product. With

an average manufacturing capability of eight drops per minute, the automated molding equipment uses state-of-the art technology to maximize the manufacturing process and ensure the quality of the finished product. Operated with natural gas, the dryer is a four-pass continuous variable speed roller chain conveyor. The high-capacity system is cost-effective and simple to run, requiring only three operators.

In less than 25 minutes, recycled newspaper and corrugated can be turned into a molded pulp product. First, the pulper is filled with water to its predetermined volume, a set formula of raw material (paper, corrugated etc.) is added and, following the mixing, a pulp slurry created. That slurry is then refined and transferred to a molding vat. Once in the vat, the slurry is drawn into a molding die, through a vacuum process, and the customized fiber product begins to take shape. When complete, the molded products are placed on the dryer conveyor tray automatically by the molder transfer to begin the drying process. Once dried, the molded pulp products are ready to be packaged and shipped to the customer.

As Atlantic's Bango notes, "The future of packaging is clearly in molded fiber. You can't quarrel with its strength and durability and obviously, if you care about the environment as we do at Atlantic, it is the only eco-friendly choice. Molded pulp packaging won't be cluttering up our land fills, generations from now, since it is completely recyclable and bio-degradable. It is the best green packaging solution on today's market."

-30-

Contact Information:

Atlantic Pulp Inc.  
20 Dodge Avenue  
North Haven, Connecticut 06473  
203/239-5749  
Toll Free 1-800-243-2762  
Fax: 203/234-7126  
Email: [info@atlanticpulp.com](mailto:info@atlanticpulp.com)  
[www.atlanticpulp.com](http://www.atlanticpulp.com)