

New and Improved

ORION® is pleased to announce the addition of our newest die-cutting equipment – the Receding Head Cutting Press. We are committed to ensuring maximum performance and efficiency to service our customers and determined this press would be ideally suited to replace our older machine, ensure operator safety, and to increase our production capacity.

Unlike our existing full beam presses, there is no work tray to push and pull. Instead, the cutting head is motor driven forwards and backwards to reveal the cutting area so that perfect access and visibility are assured. Additionally, because the bed is fixed, the process of feeding material becomes much easier with no possibility of the material layers being disturbed. Its two stage press closure reduces variations found when cutting thicker materials, or when cutting multiple layers at a time.



ORION's new Receding Head Press.

The press is capable of producing 77 tons of cutting force over a 35" x 63" area, making it ideally suited for both very large and small parts. Its quick set-up and ability to cut with a wide variety of tooling will help us get product to our customers quickly and cost effectively.

Up, Up, and Away... Update!

Last year we featured an unusual project, cutting rib supports from aircraft grade plywood for a J-3 Piper Cub airplane. These were cut on our MultiCAM 3000 Router/Knife cutter.

The Piper Cub aircraft is progressing slowly but surely. The wings should be finished by the end of this year and the fuselage is expected to be completed in 2014. We look forward to seeing the airplane flying high in the sky someday soon!



First build-up of the Ailerons and Aileron Brackets and a complete J-3 Piper Cub.

This year, we have taken on another interesting project, using the MultiCAM 3000 machine – insulation for refrigeration and compressor tanks.



Air cooled condenser tank.

These tanks range in size from 18" to 48" diameter. The half inch thick closed cell black foam is placed on the Multicam 120" x 60" workspace. The material is held in place by vacuum suction and the knife blade then cuts the various parts from a CAD program.

The knife cutter is a versatile function of this machine as it will also kiss cut intricate parts in addition to these very large pieces of insulation foam.

Visit our website or contact our Sales Team if you have any application for our press and router/knife cutter.

*Small Business * ISO9001:2008 * CCR Registered * ITAR Registered #M18334

*Waterjet Cutting * Laser Cutting * High Speed Die Cutting * CNC Drilling and Routing * Line Bending * Prototyping

ORION designs and manufactures custom parts, specializing in electrical insulation, gaskets and seals, thermal transfer materials and EMI/RFI shielding laminates.

ORION is a registered trademark of Orion Industries Inc.

Awards and Recognition



ORION, an approved fabricator and distributor of Bergquist® materials, has been recognized as the North America Distributor of the Year for 2012 by The Bergquist Company. This is due in part to the ORION® MARKETPLACE, an online ordering system offering the most in-demand Bergquist thermal transfer materials.

"It is the many years of hard work put in by the entire ORION team that has allowed us to progress to this point. We are proud of the achievement," said Mike Widmayer, President of ORION. *"We look forward to continuing to support their products in the years to come."*



Visit the ORION® MARKETPLACE today to purchase a wide variety of Bergquist materials.

Junior FIRST® LEGO® League

Be on the lookout for the next generation of engineers!

ORION is teaming up with the Ste Jeanne d'Arc School in Lowell, MA to support teams in the Junior FIRST® LEGO® League, an elementary school LEGO® robotics program where children are immersed in real-world science and technology challenges. Teams research and design their own solution to a current scientific question or problem and build LEGO® robots that perform a series of missions. The program will run from January through May for students in grades 4-7.

Be sure to visit our website often for more information and to follow the progress of our young engineers!

In Memoriam



This past May we lost an ORION family member, Julie Husmer. Julie was the Director of Human Resources and the daughter of the late Francis J. Widmayer, ORION's founder. She befriended hundreds of employees over the course of her time here spanning three decades. Her dedication and commitment was an integral part of our success and growth. Julie and Frank are dearly missed.

HAPPY HOLIDAYS FROM THE ORION SALES TEAM!



Peter Smith – Sales Manager, Maria Sicari – Insides Sales Rep., Becky Canela – Customer Service Rep., Steve Husmer – Sales Assistant, and Tony Willson – Outside Sales Rep.

ORION uses quality materials to produce high quality parts.

