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DRION INDUSTRIES

NCORPORATED

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EMI/RFI Shielding Laminates • Insulators • Seals and Gaskets • Screens

ISO 9001

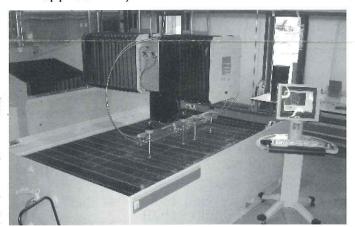
Precision Die Cutting • Laminating • Adhesives • Screen Printing/Hot Stamping

# PUTTING OUR EQUIPMENT HEAD-TO-HEAD

...or, in our case, 4-heads to 4-heads. Over the past couple of years, ORION® has been telling you about its newest state of the art equipment. This includes our 4-head waterjet machining center and our 4-head CNC router. This might lead one to wonder, why should that be important to me? Our 4-head high production capacity equipment covers a wide range of production capabilities, each with its own unique benefits.

Our 4-head waterjet machining center is best suited for softer materials, such as:

Thin film plastics & laminates; Foams & Rubbers; Thermal Interface Materials; and a wide range of other non-rigid materials, such as leather, gels, Nomex®, vulcanized stock, and collagen (medical applications).



Our 4-head waterjet uses cutting forces of 55,000 PSI and large sheets of material in excess of 48"x96"

Our 4-head CNC router is best suited for rigid materials, such as:

Polycarbonate sheets; Heavy gauge plastics, up to 1/2" thick; Phenolic, such as FR4, G10, G11; or applications where accurate holes and counterbores are required.



The CNC Drilling and Routing machine can drill holes as small as 0.010" diameter, with tolerances well within 0.005"

#### Benefits over steel rule die cutting:

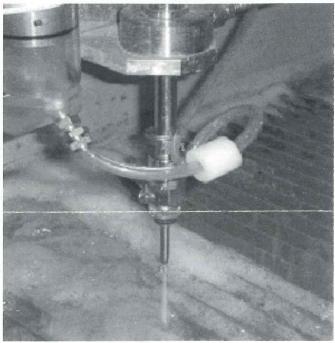
Both processes allow us to hold tolerances that are much closer than steel rule die cutting, and to cut materials that are either too thick or too hard for die cutting. These are also beneficial for parts with lots of holes, which would require expensive tooling to produce, or for parts with geometry too complex or detailed for conventional tooling. We can also create tightly nested programs to get the best utilization from the material, without increasing the tooling costs.

...continued on next page

Nomex® is a registered trademark of DuPont

ORION is a registered trademark of Orion Industries Incorporated. ORION provides custom designs and manufacturing for EMI/RFI shielding, insulating, screening and sealing needs.

#### EQUIPMENT continued...



Close up view of the waterjet in operation

## All of these benefits have two direct impacts:

- To lower our production costs,
- П To improve our production throughput,

which in turn...

# Saves our customers money!

If you have a new or existing application that could benefit from a cost reduction, please give us a call. Let us put our equipment to work for you!

In the coming months, we will be introducing high speed flying optics laser cutting for thin film applications, and conventional laser cutting for heavier materials.

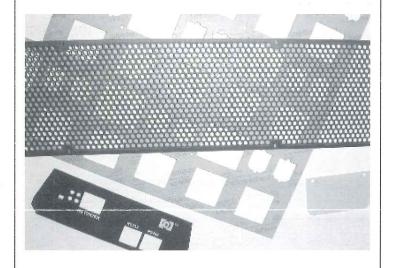
### **ORION Exhibiting At:** Medical Design and Manufacturing Show Jacob K. Javits Convention Center New York, New York June 12-14, 2007

#### Booth #1579

ORION is once again an exhibitor at the MD&M East Show. We will be part of the world's largest exhibition for medical manufacturing, as suppliers of raw materials, components and contract services to this industry.

The show is located in the heart of New York City, where there are a multitude of sightseeing, dining, sporting and cultural experiences awaiting.

ORION will be showcasing its expertise as diecutting specialists. Our products include thermal transfer materials, EMI laminates and gaskets, electrical insulators, gaskets/seals and screens/filters. We also fabricate formed plastic covers from polycarbonate, polypropylene, acrylic and other materials.



Please stop by our booth #1579 to speak to Peter Smith, Sales Engineer and Larry Bonney, Engineering Manager. They will be on hand to discuss design issues, material alternatives and other product challenges, to help get your product to market.

## ORION uses quality materials to produce high quality parts.















