



Beta Buzz

Spring 2008

Volume 1, Number 9

Beta Buzz gets new look

Springtime is seen as a time of growth, renewal, of new life being born, and of the cycle of life once again starting. It is also used more generally as the start of better times. We took this opportunity to give the Buzz a new look. Not that the "old" Buzz wasn't good, we wanted to make it better.

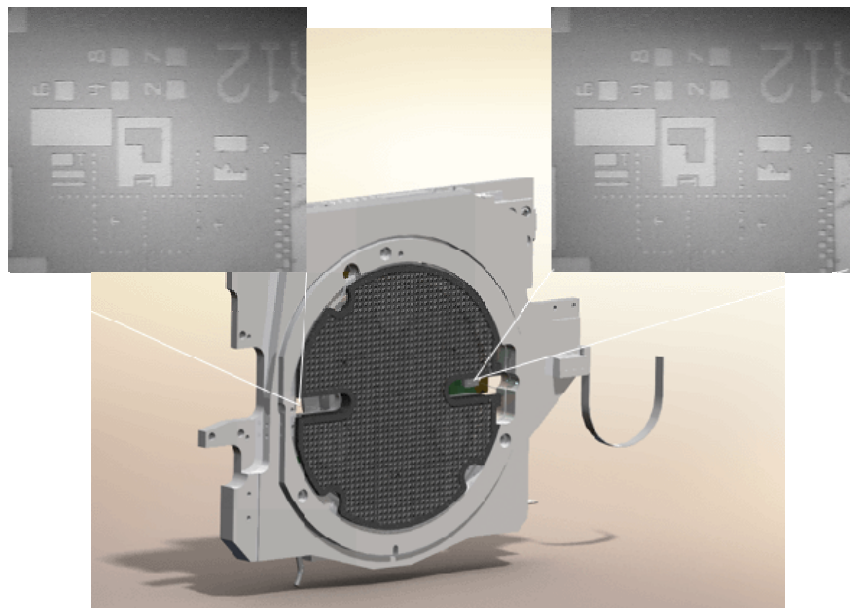
We want to thank all of you over the past two years who have asked us to put certain items in the Buzz. Thanks for all the input and positive feedback. Let us know what you think. We will still keep you up to date on the goings on at BSL. Let's see what's new.

What's New...

Backside Alignment from BSL

Beta Squared Lithography, Inc., announces a Backside Alignment Upgrade Kit will be scheduled for release in Q3 2008. For those of you that have been anxiously awaiting for the ability to have backside alignment for your Micraligns, you will only have to wait a few short months.

Here is a picture of some actual backside alignment targets.



Routing

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Backside Alignment

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Upgrade Kit available for non-silicon based wafers

Beta Squared Lithography, Inc., is offering an Upgrade kit to those customers that have OS2000 and are thinking about running wafers such as Pyrex, sapphire and other types of "glass" wafers. BSL is the only company that can offer this for your Micralign. For more information, contact us at sales@betasquaredlithography.com

Training Offered by *Beta Squared Lithography, Inc.*

At *Beta Squared Lithography, Inc.*, we strive to lead in the creation, development, implementation and utilization of the best technologies and techniques available today for the technical training of Micralign™ Projection Mask Aligners.

We combine the very best of a more traditional instructor-led classroom and hands-on cleanroom training to maximize the students' success.

We offer the following types of training for our customers:

- Basic (Maintenance & Process)
- Intermediate (Maintenance & Process)
- Advanced (Maintenance & Process)
- OS2000

Our classes are available at our corporate headquarters in Brookfield, CT or at your facility*.

(*You must have a tool that can be dedicated to the class during training.)

For more information on Training Classes, email us at sales@betasquaredlithography.com.

Micraligns™ for Sale

Beta Squared Lithography, Inc., the leader in Micralign™ Sales, Service, High Reliability Parts and Equipment Upgrades has a large inventory of Micralign™ Mask Aligners available for sale with or without OS2000. Let BSL configure a Micralign™ that meets your specifications.



"We focus on high reliability, throughput enhancements, and reduced cost of ownership for our customers."

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This publication is designed to give
accurate and authoritative
information in regard to the subject
matter covered for the employees
and customers of
Beta Squared Lithography, Inc.

"Your Outsource Solution"



Beta Squared Lithography, Inc., provides mainstream lithography equipment that incorporate custom-designed solutions to expand and improve the capabilities of the product to the customer. BSL also has a full-service repair facility for many of the repairable parts of the **Micralign™**. These services span electrical / electronic board repair, optics stripping / re-coating / alignment and mechanical repair / alignment.

Compound semiconductors and Nano-technologies are the perfect match for the new Micralign™ technology we offer today. A large depth of focus and 1.0 micron resolution, combined with our **OS2000** control system's flexibility, vision system and global alignment, provides stepper-like automation.

Beta Squared Lithography has a Micralign™ re-build and retrofit service, including:

- Fully refurbished and warranted Micralign™ tools
- Wafer size changes
- Air-track to PAL conversions
- 900, 800 and 300 manifold upgrades

Re-hosing (replacement of every hose in the tool)

The company is headquartered in Brookfield, CT, USA, with satellite offices in Singapore, France, and Korea.

Beta Squared Lithography Sales, Service & Support

Beta Squared Lithography, Inc. has a **huge inventory of Micraligns™** that are completely refurbished to "**Factory Specifications**". The **depth & breadth of our global inventory** consists of "**high reliability**" **parts and accessories** that are unsurpassed and **ready to ship anywhere**. We can **completely refurbish, upgrade and customize your existing equipment** to meet today's requirements. BSL offers **training for beginner, intermediate and advanced** levels along with **technical support**. Our **Field Service and Support Staff** is available both overseas and domestic. We provide the highest quality of **custom maintenance services**, based on your Needs, available both overseas and

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