



The Beta Buzz

**Newsletter Vol. 1 Number 8
Autumn 2007
Brookfield, CT**

All of us at BSL hope that you had a safe and relaxing summer. Now that the cooler weather is here, many of us are concentrating on production being back to capacity for the next several months. Remember, many of you still have money in your budgets for service, upgrades and parts, please call us. BSL not only sells Micraligns, upgrades and parts, but we have the most knowledgeable field engineering staff available. Contact us to schedule your next service.

Let us know if there is anything in particular you would like to see in the "Buzz", and we'll try and put it in a future edition.

Our Company

We at Beta Squared Lithography, Inc. (BSL) are very proud of our history and would like to remind all our customers of all that we can offer.

Founded in 1987, BSL initially provided lithography support and service to the semiconductor industry. As the company has grown it has expanded its capabilities to include leading edge equipment modifications, system integration, high reliability parts, and software enhancements. The company is committed to establishing itself as a leader in engineering and manufacturing services and as a leading supplier to equipment users.

BSL is focused on pursuing cost-effective designs, and reduced cost of ownership for its customers. The company is staffed with engineers, technicians and support personnel who possess expertise in the full design and manufacturing of systems from initial concepts to final product.

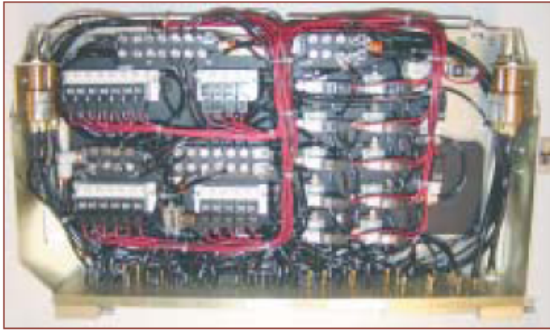
The service staff is committed to exceeding customer expectations regarding emergency service, part deliveries, and customer support. This dedicated workforce is supported by intranet accessible document control and state-of-the-art electronic, mechanical, and software design.

Beta Squared Lithography Inc. Headquarters is located in Brookfield, Connecticut. Our facility features a 1,300 sq ft class 10,000 clean room, full prototype machine shop, along with engineering and manufacturing space in excess of 11,000 sq ft utilizing lean manufacturing processes.

► Machine Sales

Completely Refurbished To Factory Specifications

- Machine configured to handle 4", 5" and 6" wafers
- Machine wafer size conversions
(with the correct machine specifications)
- Machine design improvements and enhancements
 - ▼ OS2000 Load & Go
 - ▼ Global Alignment, Flying Arms Scan Package
- Custom modifications for alternate substrates
 - ▼ FPD, Thin Film Heads, MEMS & Pyrex
 - ▼ 127mm Square Substrates from 1mm to 11mm Thick
- Machine interfacing compatibility to handle RIRO & RILO
 - ▼ Machine to Track "Interface"



► Machine and Parts Refurbishment

Complete Refurbishment of Customers Equipment

- Machine overhaul (Re-hose etc...)
- Condenser and Relay new and recoated glass
- Machine optics alignment
- Tooling masks: Astigmatism and overlay
- Optical components new or stripped and recoated
- Printed circuit boards new and repaired
- Parts and assembly repair (with design improvements)
 - ▼ SMC integrated high reliability 900 Manifold

**All parts, labor and accessories are warranted to meet or exceed OEM and Beta Squared Specifications.*

► Parts Sales

Complete line of parts and accessories

- Optical components
- Electrical components
- Cable and Harness assemblies
- Printed circuit board assemblies
- Pneumatic components
- Mechanical parts and assemblies
(with design improvements)
 - ▼ Advanced stage flexures
- Accessories
 - ▼ Helium Regulator

► Field Service and Support

Complete Programmed Maintenance

- Provide high quality custom maintenance services, supplied according to customer's needs.
- Support both local and overseas customers through preventative maintenance programs. The programs are geared to keep equipment optimized and to simultaneously train operators and maintenance engineers. As the program advances, the customer quickly becomes more self-reliant for machine support until they are ultimately self-sufficient.
- On demand emergency service, can normally be called upon with a service response time of 8 to 24 hours. This is usually supplied on a first-come, first serve basis.
- In-house technical service support staff, can provide 300/500/600/700 Micralign Machine support.

**A single source solution offering competitive pricing, quick turn around times with minimal down time while providing a quality service.*



Beta Squared Lithography specifications subject to change without notification.

Beta Squared Lithography, Inc., the leader in Micralign™ Sales, Service, High Reliability Parts and Equipment Upgrades has the following Micralign™ Mask Aligners available for sale with or without OS2000:

Model	Quantity	Availability
M761HT	4	IN STOCK

M751HT	1	IN STOCK
M651HT	1	IN STOCK
HTR+	2	IN STOCK
M641HT	2	IN STOCK
M552HT	3	IN STOCK
M542HT	4	IN STOCK

(Certain Models can ship in 2 weeks, inventory as of 25-Sept-2007)

When you purchase a Micralign™ from Beta Squared Lithography, Inc. you are backed by our infrastructure: depth and breadth of our parts inventory and our extensive knowledge to service and support your investment.

We are the Micralign™ Specialists! Ask us about our Micralign™ equipment lease programs. We can customize one just for you!

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

For more info please contact:

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If you would no longer like to receive the Beta Buzz, hit the reply button and in the subject box type "discontinue".

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