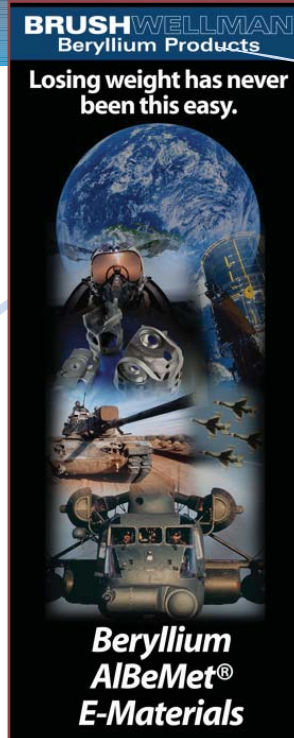


Brush Wellman Partners with Acceleron

Brush Wellman Inc. is the leading global supplier of high-performance copper, nickel and beryllium alloys and the only fully integrated producer of beryllium and beryllium-containing materials in the world. Brush Wellman has partnered with Acceleron to provide near net shape ALBeMet® blanks manufactured using the ALBeWeld® process. These blanks dramatically reduce material consumption by eliminating the need to machine large amounts of material, resulting in lower costs. In addition, internal features can be pre-machined, allowing passages and cavities not achievable by machining solid blocks of material. The process provides excellent repeatability, structural integrity, and can even be used as part of a repair strategy to correct manufacturing errors. Beryllium is one of the stiffest, but also lightest metals known today and it presents the designer with a combination of unique properties not found in any other material. Acceleron and Brush Wellman look forward to a strong partnership in the upcoming years.



Educational Seminars Continue to be Popular at Acceleron

Our seminars are developed to give engineers and technicians a better understanding of our various technologies and how they work. Our goal is to assist you in providing efficient, cost-effective methods to process your parts. We would like to extend an invitation to anyone who is interested in learning more about electron beam and laser processing to please contact Rory Montano at 860-651-9333. We welcome the opportunity to host you and your company at our facility or to present our seminar at your location.

From the President's Desk



Welcome to the fall 2006 edition of *Acceleron Beams into the future*. One of our key objectives this year is to further build our relationships with our customers. All too often we get caught up in the every day hustle and we sometimes forget there are other ways to service our customers outside of the traditional concepts. Lori Sandora has been promoted to Customer Relations & Marketing Specialist, which is a newly created position where her primary responsibility is to focus on solutions to maximize customer satisfaction for both new and existing customers.

With Acceleron's continued commitment to customer satisfaction and with many months of investigation, Acceleron has purchased the appropriate software to aid us with our internal as well as external objectives. Paul Manzi has been instrumental in building and developing our new information system which will allow us to ultimately better service our customers.

I hope that you enjoy our latest edition of *Acceleron Beams into the future* and should you have any questions, please contact me or anyone on the Acceleron staff.

Sales Explosion in EB Drilling

Acceleron's EB drilling department has seen tremendous growth this past year which can be attributed to three important factors. First, the paper and pulp industry has increased their need for the number of EB drilled baskets. We have been very pleased to see a significant increase in the production of parts for this industry in the US, Europe and Asia. The second avenue of increased production is within the fiber spinning and spun fiberglass insulation industries. Those industries are very demanding of the production consistency of EB drilling, which ultimately controls the quality of their end products. The third important growth factor is that EB drilling has many advantages over laser drilling for "specific applications." We are currently working with several new customers that formerly utilized more traditional laser drilling processes, but are now experiencing superior yields via EB drilling.

The hole diameter tolerance of the EB drilled hole is typically $\pm .001$ " with a repeatable positional accuracy of $\pm .001$. In addition, EB drilling has proven to be an optimum choice from a cost savings standpoint as this process can drill up to 2000 holes per second. EB drilling can also be used in material as thick as .200" with an aspect ratio of 25 to 1. Hole profiles can be tapered, cylindrical or bell, with precise uniformity and consistency in hole size. We are excited to be working with companies from a vast array of industries who are benefiting from this unique drilling process. Please feel free to call us should you have any questions as to which of these two technologies offers the best solution to your particular requirement.

NASA Astronaut visits Acceleron



Astronaut Stephen Bowen explains NASA's new Process Control Program to a group of Acceleron employees

For many years, Acceleron has been involved in the space shuttle program as one of Hamilton Standard's Space and Sea preferred vendors. Because of this relationship, Hamilton Standard selected Acceleron to host a visit from NASA astronaut Stephen G. Bowen. Bowen was the first submarine officer selected by NASA in 2000 as a mission specialist. Following the completion of a 2 year training program at Johnson Space Center, he has been performing technical duties in the Astronaut Office Station Branch of NASA until he is assigned to a space flight.

Bowen's visit was primarily to explain to the staff the new Process Control Program implemented by NASA. The objective of this program is to eliminate defective parts by involving anyone who comes into contact with any parts or components. They are encouraged to "speak out" when something does not look right or is not going as it should. Anything out of the ordinary, no matter how small, can make the difference between success and failure.

Bowen not only educated Acceleron's staff on this new program, he also spent time answering questions on the "constantly changing world of space exploration." We look forward to the day Stephen Bowen has the opportunity to experience space exploration first-hand.



Meet Jon Wietecha, a New Member of our Laser Team

Acceleron is pleased to welcome Jon Wietecha to our Laser department. Jon's responsibilities include quoting all new and existing laser inquiries, as well as working closely with our customers in the early stages of their programs.

Jon comes to us with six years of experience as Manufacturing Operations Manager, which includes two years in a Laser processing facility. He possesses a Bachelor of Science in Electrical Engineering. His skills include capacity planning, scheduling, PNL management and he has a familiarity with lean manufacturing and other continuous improvement techniques. He

currently resides in Monson, Massachusetts, with his wife Bridget. In his free time he enjoys playing and watching sports, fishing, hunting and traveling.



Jon Wietecha

Paul Manzi, Acceleron's New Director of Information Systems

Paul Manzi recently joined Acceleron as our Director of Information Systems. Paul is responsible for building and maintaining Acceleron's information system. His primary objective is to create an information system that will empower its users, connect its partners and ultimately enable Acceleron to better serve its customers.

Paul is a software developer with over seventeen years of experience designing and developing mission critical business systems. He operated his own company where he developed processes and software to provide business solutions.

Paul has worked with Acceleron for many years as a consultant, designing and implementing much of our present information system. We are excited to have Paul with us as we continue to build our future.



Paul Manzi

**** Please note: In our effort to expedite your order more efficiently, please email your purchase order to PO@acceleroninc.com ****

ACCELERON^{INC.}

Acceleron, Inc. specializes in Electron Beam Welding, Electron Beam Drilling, Laser Welding and Laser Cutting.

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