



NEWS RELEASE

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FOR IMMEDIATE RELEASE

EUROPEAN FILTRATION MANUFACTURER REPORTS OUTSTANDING RESULTS FROM SONOBOND ULTRASONICS TECHNOLOGY

Enfilter Limited relies on the Sonobond SeamMaster™ High Profile Ultrasonic Bonder for “fast, efficient” bonding of liquid and gas filter cartridge seams — without using thread, glue, or other consumables.

WEST CHESTER, Pennsylvania, December 4, 2008—Sonobond Ultrasonics announced today that its SeamMaster™ High Profile Ultrasonic Bonder has received high marks from one of Europe’s leading manufacturers of



liquid and gas filters. According to Melissa Alleman, Sonobond’s vice president, a SeamMaster™ unit was recently installed at Enfilter Limited in Aberdeen, Scotland. She explains, “Enfilter is a new division of the Abenco Group and is using the Sonobond technology to bond the longitudinal seams of the liquid and gas filter cartridges it manufactures. The company

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previously used a third party to pleat and seam-glue their products. However, Enfilter tells us that the introduction of the SeamMaster™ unit into their production process has been very positive in all respects.”

No Glue, Thread, or Other Consumables

Sonobond technology utilizes ultrasonic vibrations to fuse nonwoven and synthetic materials. This bond is created *without using glue, thread, or adhesives and without producing wasteful by-products*. Sonobond’s SeamMaster™ High Profile Ultrasonic Bonder—the unit used by Enfilter—seals, sews, and trims synthetic fabrics in *one quick pass*. Yet, it looks very much like a commercial sewing machine. It is also very cost-effective because it produces a reliable bond at speeds *up to 10 times faster than adhesive methods* and up to four times faster than sewing machines.

Pleated Filter Fixture

In discussing the unique features of this Sonobond unit, Vice President



Alleman says, “The SeamMaster™ has a higher clearance between the wheel and the horn than do traditional sewing machines. As a result, it is ideal for hand-guided applications with tight tolerances, as well as for working around curves.

We also offer a variety of interchangeable pattern rollers. These are available for slitting, embossing, and ‘stitching’ and include a *special fixture for bonding*

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pleated filters.” According to Alleman, seams bonded by the SeamMaster™ High Profile Bonder are so perfectly fused and sealed that they can be used to comply with OSHA regulations for barrier seams. The machine has another important advantage in that it is easy to operate and requires only minimal training.

“Fast and Efficient”

Andrew Clark, Enfilter’s managing director, has been very pleased with the Sonobond technology. In discussing his company’s choice of the SeamMaster™, he says, “We identified a number of options for our seaming process. However, Sonobond’s equipment stood out above all the others. I am pleased to say that we have not been disappointed by our choice of the Sonobond SeamMaster™ High Profile Ultrasonic Bonder. The equipment is fast and efficient.” When asked to comment about the bonder’s reliability, Clark adds, “In the time we have had the unit, we have had no down time except that required for routine maintenance. Sonobond has also been very ready to answer our questions and to provide whatever technical support we needed.”



A Leader in Ultrasonic Welding Technology

Sonobond is a worldwide leader in the application of ultrasonic welding and bonding technology. During its 48 years of operation, Sonobond has earned an outstanding reputation for its pioneering work and quality-engineered

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ultrasonic bonding products. Today, the company manufactures a complete line of ultrasonic welding and bonding equipment for a wide variety of customers in the filtration, medical, apparel, automotive, appliance, electrical, HVAC, and aerospace industries. This equipment can be custom-engineered to meet the specific requirements of individual customers. Sonobond engineers and sales personnel are also firmly committed to providing superior service before, during, and after installation.

Additional Information

Additional information about the SeamMaster™ and other Sonobond products—as well as details about the company’s free, no-obligation Ultrasonic Bonding Viability Test—are available at www.SonobondUltrasonics.com or by calling 800-323-1269. You can also email MAlleman@SonobondUltrasonics.com for more information.

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