

PRESS RELEASE – Peening Technologies

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Contact: Walter A. Beach, Vice President, Peening Technologies of Connecticut
8 Eastern Park Road, East Hartford, CT 06128
Phone: 860-289-4328 Email: walterbeach@peentech.com

Peening Technologies of Connecticut has premiered three new CNC robotic machines for use in shot peening applications. These machines are in addition to six other CNC machines already in use at the company’s East Hartford plant.



“Our CNC machines offer the benefits of reduced turn around time and process repeatability over conventional peening equipment,” Peening Technologies President, Tom Beach, explained. “Since the entire operation of the machine is controlled by the software, once the process is developed, complicated and time consuming set ups become a thing of the past.”

The CNC controls and monitors all process variables such as nozzle motion, air pressure, and shot flow, resulting in a highly repeatable process. The peening media is precisely controlled using a servo pressure controller and MagnaValve shot flow system. Should a process variable



exceed a pre- determined limit, the machine will halt the cycle and alert the operator allowing for corrective action. This ensures that the part being processed is correctly peened and is not damaged by a machine malfunction. Because the CNC machines are identical, a process developed in one machine can be easily moved to another by simply loading the correct program.

“We invite customers to contact us to discuss processing their parts in these new machines,” said Beach, who also pointed out that typically the cost to run parts in these machines is the same as in conventional machines.

The machines were designed and developed by the company’s in-house team: Tom Beach, Nick Kennedy, Juan Sanchez, Fred Blackman, and Chad Norton. Two additional machines of this



model style are currently under construction and are scheduled to enter service early in 2008.

Peening Technologies of Connecticut, formerly Hydro-Honing Laboratories, Inc., is located in East Hartford, Connecticut, and has provided shot peening services to aerospace and commercial customers for

over four decades. The company celebrated its 40th year in business in 2006.

The family-owned and operated business has grown to meet the constantly changing needs of the aerospace industry and, in 2003, opened a satellite plant, Peening Technologies of Georgia, in Austell, Georgia.

Together, Peening Technologies of Connecticut and Peening Technologies of Georgia provide a full range of shot peening services for a variety of industries including military, aerospace, power generation, and oil and natural gas businesses. Both plants are Nadcap accredited.

More information can be found at the company website: www.peeningtechnologies.com