



Press Release

FOR IMMEDIATE RELEASE - April 14, 2015

Largest Vacuum Hot Press in the WORLD manufactured in the USA by AVS has been acquired by VPEI for the production of Diffusion Bonded Heat Exchangers and contract work.

Sacramento, CA & Ayer, MA –

VPE announces the recent acquisition of an AVS designed and manufactured Vacuum Hot Press furnace system. This world-scale 2400 Ton Hot Press will be the largest installed in the America's and will markedly expand both manufacturing throughput and the maximum sizes of VPE's Diffusion Bonded Microchannel Heat Exchangers.

According to Mark Sowerbutts, COO at AVS, this "graphite hot zone furnace has a useable internal pressing envelope of 60" wide x 120" long x 120" tall and is rated for temperatures in excess of 1700°C in vacuum and partial pressure atmospheres. Two independent 1200 Ton rams and ten high accuracy load cells allow precision force and position control on the production elements."

Carl Schalansky, President of VPE, states, "The acquisition and partnership with AVS on this World Scale Vacuum Hot Press will enable VPE to manufacture utility-scale heat exchangers and better service Eastern US and European customers."

VPE's capacity and technology expansion shores up both in-house production fulfillment of next generation microchannel heat exchangers in addition to offering excess system capacity to companies desirous of previously unavailable technology for R&D and toll production service.

About VPE

Vacuum Process Engineering (VPE) is an advanced thermal processing and manufacturing company specializing in precision brazing, diffusion bonding, specialized coatings, and unique assembly methods. We utilize sophisticated design algorithms and our proven diffusion bonding processes to manufacture microchannel heat exchangers to ASME Sect. VIII Div. 1 (U-Stamp) standards. Materials of construction include stainless steels, Inconel™ superalloys and titanium. Our quality certifications include AS9100:2009, ISO 9001:2008, and ITAR. Visit: www.vpei.com.

About AVS Inc.

AVS designs & manufactures thermal processing solutions for a wide variety of markets & processes, including Hard Metals, Aerospace, Armor, Materials Reclamation, CVD, CVI, Solar, LED, Energy & MIM. With 48 years of vertically integrated design / manufacturing and thousands of installed systems worldwide, the customer drives the performance of every system AVS delivers. For more information visit www.avsinc.com.

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