



# AMERICAN

AMERICAN  
BRAZING

HEAT TREATING,  
BRAZING AND FINISHING  
OF METALS

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### American Brazing adds GM Vacuum Furnaces and Abbott Hydrogen Hump

Willoughby, OH – October 14, 2005 – American Brazing, a division of Paulo Products Company, has recently added 2 new vacuum furnaces and a large, continuous hump furnace to its extensive list of equipment. The vacuum furnaces, manufactured by GM Enterprises, are horizontal load, with a work zone of 42" x 42" x 60" and a gross load capacity of 8,000 pounds. One furnace is a GM Model HVF 501-XB-SQF (10 Bar Argon) with a 600 HP Quench fan motor with variable speed drive, a 14,000 BTU Heat Exchanger and an all Moly hot zone. A second furnace is a GM Model HVF 501-XB (2 Bar Argon) with a 200 HP Quench fan motor with variable speed drive and an all Moly hot zone. These features are ideal for processing high-alloy parts such as those used in power generation and aerospace applications.

The continuous Hydrogen Hump furnace, supplied by Abbott Furnace Company, is electrically heated, with a 30" wide belt, and 264" of heating length with 5 zones of control, capable of 2150 F.

"The addition of these vacuum furnaces will allow us to meet the most stringent of quality requirements and will improve our ability to provide superior service to our customers. The hump furnace will significantly increase our throughput of brazing and continuous hardening resulting in service benefits for our customers" states Bob Muto, Plant Manager, American Brazing.

American Brazing and Paulo provide a wide variety of innovative engineered solutions in heat treating, brazing, and metal finishing. Extensive metallurgical services and engineering resources are also offered. In addition to American Brazing, Paulo operates facilities in St. Louis, MO, Kansas City, MO, Murfreesboro, TN, and Nashville, TN.

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