

News Release



For Immediate Release

April 17, 2009

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Solar Manufacturing Builds New R&D Vacuum Furnace for Specialties Metal Industry Customer

Souderton, Pa. - Solar Manufacturing Inc. has delivered, installed and commissioned a new R&D vacuum heat treating furnace from a specialties metal industry customer for use in their metallurgical development laboratory. The new furnace will be used for steel, low pressure vacuum carburizing, and magnetic metal developments, as well as alloy testing and process development.

The furnace will be horizontal, front loading model HFL-2624-10IQ with a work zone measuring 18" wide x 14" high x 24" deep. The work load capacity of 750lbs. and an operating temperature to 2400F and temperature uniformity meeting AMS 2750D. The furnace will is designed for 10 bar fast gas quench incorporating a new Solar Manufacturing proprietary design radial fan and gas diffuser/distributor with internal 100 hp drive motor, and a locking ring, "O"- ring sealed, autoclave, front door. Instrumentation is extensive including Solar Manufacturing's vacuum carburizing system, vacuum controls, Honeywell temperature control/programming, Allen Bradley PanelView, and Eurotherm high speed digital display recorder.

Solar Manufacturing designs and manufactures vacuum heat treating, brazing and carburizing furnaces. To learn more about their diverse product line, contact Peter Reh, vice president of sales, at 267-384-5040 or pkp@solarmfg.com

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