



For Immediate Release

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News Release

Solar Manufacturing Receives Order from Singapore

Souderton, PA – With the partnership of CHS-ASIA, Solar Manufacturing announces an order for a new horizontal loading vacuum furnace from a company in Singapore.

Featuring a high efficiency, 2" thick graphite insulated hot zone for operating temperatures up to 2650°F, the furnace's work zone measures 42" wide x 42" high x 48" deep, with thermal uniformity meeting AMS 2750D standards. A gross load capacity will hold 3500 pounds, with low-watt density graphite heating elements heating work loads rapidly while improved, tapered graphite gas nozzles will direct quench gas onto the work load for optimum gas cooling.

A 35" Varian diffusion pumping system is used for high vacuum applications up to 10^{-6} Torr and the external gas quench system will consist of a 100 HP motor, a Robinson fan wheel, heat exchanger, and diffuser. The electrical control cabinet will house the SolarVac 3000 instrumentation which includes the Allen-Bradley PanelView and the Eurotherm 6180A paperless graphic recorder for state-of-the-art operator interface and control. A Hunterdon 255 KVA Variable Reactance Transformer will power the furnace hot zone, balanced across the three phase power source.

This is Solar Manufacturing's second international order this quarter.

Solar Manufacturing manufactures vacuum heat treating and brazing furnaces and offers replacement hot zones for various vacuum furnace brands. To learn more about their diverse product line, contact Peter Reh, Vice President of Sales, Rick Jones, International Sales Manager or Dennis Hiddemen, Aftermarket Sales Manager at 267-384-5040 or pk@solarmfg.com, rick@solarmfg.com, or drh@solarmfg.com. More information can also be found at www.solarmfg.com.

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