

Heat Treatment and Hard Coatings Services at Advanced Engineering, Wallwork Stand A55, Nov 4-5 2015

Submitted by: Ainsworth Maguire

Friday, 11 September 2015

The Wallwork Group (<http://www.wallworkht.co.uk/>) will be celebrating the latest phase in a major expansion programme that sees them offering a significantly broader range of heat treatment, hard coating and development services when they exhibit at Advanced Engineering 2015 at the NEC in November.

Serving clients in aerospace, motorsport, medical devices, nuclear and other demanding areas of engineering, the company provides a nation-wide service from locations in Manchester, Birmingham and Cambridge. All sites have multiple approvals from leading national and international accreditation services and are staffed by skilled and experienced scientists and engineers.

Building on their established expertise in vacuum brazing the company has doubled this capacity at its Cambridge site and added a new state-of-the-art vacuum brazing workshop in Manchester to expand national coverage. Each location has a range of vacuum furnaces enabling efficient processing of components and offering project scalability from bespoke development work to full scale volume processing. Plans are well advanced for an extension to the Cambridge facility to expand capacity still further.

The company offers multiple options for nitride processing. These embrace thermal treatments such as traditional salt bath processing or treatment in computer controlled furnaces through to plasma processing at relatively low temperatures. Having a full basket of nitriding services to offer, with the additional option of post treatment PVD coating, the company is able to advise impartially on the best technical and commercial options for every situation.

Following demand from existing customers, additional processing plant has been added to the Manchester site for the treatment of aluminium and magnesium alloys. These treatments are now accredited to the international aerospace Nadcap standard.

Birmingham is developing as the company centre of excellence for large engineering components. The site can heat treat single components or large scale batches of up to four tonnes using one of the largest and most advanced Seco Warwick vacuum furnaces in the UK. This is complemented by recent investment in the latest environment friendly vapour/spray degreasing equipment capable of processing large components or bulk batches of smaller items speedily and thoroughly. Additional nitriding capacity for Birmingham is planned for 2015/16 to meet growing local demand.

Expansion has been driven by a £2 million investment programme in new plant and processes across all three locations. Wallwork staff will be on stand throughout the show to demonstrate the full line of heat treatment, hard coating and development services now available to customers.

More Information

Simeon Collins, Sales Director

Tel. +44 (0)161 797 9111 Fax. +44 (0)161 763 1861

E-mail: simeon.collins@wallworkht.com Web: www.wallworkht.com

Wallwork Group, Lord Street, Bury, Greater Manchester, BL9 0RE

Images are on the web at www.ainsmag.co.uk/wa253/5359wa1h-advanced-engineering-2015.htm