

OCTOBER 2004

**BODYCOTE ANNOUNCES NEW DEVELOPMENTS
WITHIN THEIR UK HEAT TREATMENTS OPERATION**

Bodycote the market leader and worlds largest provider of metallurgical services have announced further new developments within their UK operations with the introduction of a Low pressure carburising facility located at their Vacuum Heat Treatment Centre at Woodford, this now expands the sites capabilities to include the processing (LPC) of automotive and other precision components. Having successfully validated a new Seco / Warwick VPT-4035/36N furnace in only six weeks, the Woodford team are working with several customers to apply performance improving LPC treatments to new and existing products.

This is the third LPC unit commissioned by Bodycote this year. Other strategic LPC locations are Livonia (Michigan USA), La Talaudiere (France) and Kapfenberg (Austria), with furnaces supplied by Ipsen Abar, and ECM, as well as Seco / Warwick.

Further to complement their existing Nitriding capabilities at their Aldridge plant with the addition of a new Plateg tandem furnace. With working dimensions of 1,000mm dia x 1,600mm, this versatile twin base furnace is designed for environmentally friendly controlled plasma nitriding and nitrocarburising. The option of post - treatment oxidation, further enhances product corrosion resistance, tribological properties and aesthetics.

Bodycote aims to invest in synergistic technologies for its existing business and customer base. Technologies are selected to provide high added value, offering customers a sustainable competitive advantage. Bodycote aspire to be the subcontractor of choice to the manufacturing industry, by making a positive contribution to the success of their customers' business.



Bodycote International plc, the metallurgical services group, operates more than 235 facilities in 22 countries. The Group's four strategic business units provide heat treatments, materials testing, hot isostatic pressing, and metallurgical coatings to a wide range of industries including automotive, aerospace, power generation, oil and gas, military, petrochemical, agricultural and consumer product.

*IMFT AUTUMN WORKSHOP
HELD AT BODYCOTE HEADQUARTERS October 2004*

The IMFT held their Autumn workshop at Bodycote Headquarters in Macclesfield Cheshire. The meeting was well attended and Opened by IMFT chairman Steve Walkinshaw and Secretary Dr Peter Standing. The attendees witnessed a series of presentations relating to new developments within Bodycote of Low Pressure Carburising (LPC) and expansion of their Plasma Nitriding capabilities, The surface engineering theme was also continued with presentations relating to PVD coating and Bodycote proprietary processes in hot isostatic pressing.

A tour of their UK state-of-the-art automated heat treatment centre operating fully automated computerised sealed quench furnaces, was followed with a tour of the new Low Pressure Carburising facilities at the Woodford facility.



Andrew Corless, New Business Development Manager for Bodycote Heat Treatments outlined that Bodycote aims to invest in synergistic technologies for its existing business and customer base. Technologies are selected to provide high added value, offering customers a sustainable competitive advantage. Bodycote aspire to be the subcontractor of choice to the manufacturing industry, by making a positive contribution to the success of their customers' business. The feedback gained from the IMFT meeting reinforces this strategy.

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