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press release

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Title : Rautomead technology for Cu Mg rod casting for high speed trolley wire at Wire 2008 Dűsseldorf

Stand No. 10/E56 **31st March – 4th April 2008**

Continuous casting technology specialists, Rautomead Limited, of Scotland, will be promoting technology for continuous casting of copper magnesium alloy rods and EDM brass wire at the forthcoming Wire 2008 Dűsseldorf exhibition.

Trolley Wire for high speed trains

Rautomead graphite furnace technology offers specific advantages for the manufacture of large diameter high quality copper magnesium wire rods.

Copper-magnesium, with its balance of good electrical conductivity and high tensile strength, is the preferred material for overhead wires and cables for high-speed trains in many countries. Rautomead machines have been used for many years in Europe for the manufacture of copper magnesium rods.

Electric Discharge Machine Wire

In addition to copper-magnesium trolley wire production, Rautomead Limited will also be demonstrating its capabilities in the manufacture of brass EDM wire rod casting technologies. Rautomead has always specialised in technology that achieves near-net-shape in the casting process, thereby eliminating some of the intermediate process steps associated with traditional manufacturing routes and reducing manufacturing costs. In the case of EDM wire, 60:40 brass may be cast at 8.0mm diameter for drawing and processing to finished wires.

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Rautomead will also be promoting standard casting technology for the manufacture of high quality CuOF wire rod 8.0 – 30mm diameter, 3,000 – 30,000 tonnes per year.

For further press information, please contact:

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