



MWP

SEPTEMBER 2008

Forging ahead
in Sheffield

Online - In print - the world of advanced manufacturing technologies
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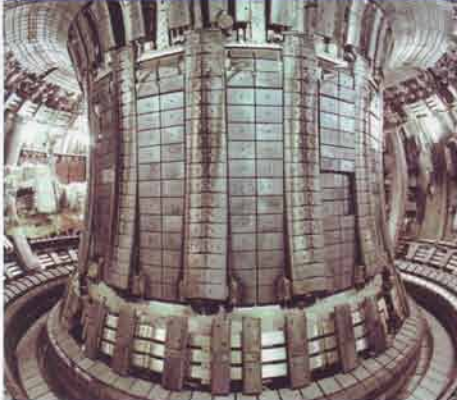
Medical and micro technology reports

Fusion project generates
subcontract opportunities

14 production world

18 production management

42 nano & micro technology



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production world

- 08 Delcam's 25,000th customer; Puma productivity in the pipeline.
- 10 CAM at Connecticut High; Kern's subcontract services; waterjet explained.
- 2-14 MWP online - complementing the printed product and bringing you news on advanced manufacturing technologies.
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production management

- 18 Training the trainers
National Skills Academy helps to ensure that employers get the right skills training.
- 20 Taxing times
The penalty system for incorrect tax returns has been entirely revamped.
- 22 Availability is the yardstick
Services and impact on cost of ownership are key elements in manufacturer-user relationships.

automation, robotics & assembly

26-28 Doubling up pick rates at The Metal Centre via automated system; robots take over welding at Newfield fabrications; pre-harnessed energy chain systems help high speed machine tools to cope; combination of robot and real-time control die-casting machine improves efficiency.

process development

30 Rapid tooling comes of age
The direct laser melting of tool steel powders is being used to make production tool cavities and inserts directly from 3D CAD data.

medical, electronics & instrumentation

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Preview of exhibition and conference.
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PCML support for and electron beam welding systems manufacturer CVE.

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Specialised fabrications from NTE Vacuum Technology.

38 Cup winners

Orthopaedic implants produced by RM techniques improve quality of life.

40 It's on a plate

Biotech pioneer's space-saving solution.

nano & micro technology

42,44 It's a very small world

Micro Manufacturing Live 2008 will run alongside the established TCT 2008 show.

edm

46 Hook, line and sinker

Die sink EDM remains key technology in the toolmaking sector.

tooling & workholding

48 HRSA: special techniques

Current techniques for difficult alloys.

