

GeoDrilling

INTERNATIONAL

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Regional focus
Scandinavia

Product review
Directional drilling

Ground Source Live!
supplement



Genuine
Geoprobe®

Ground source

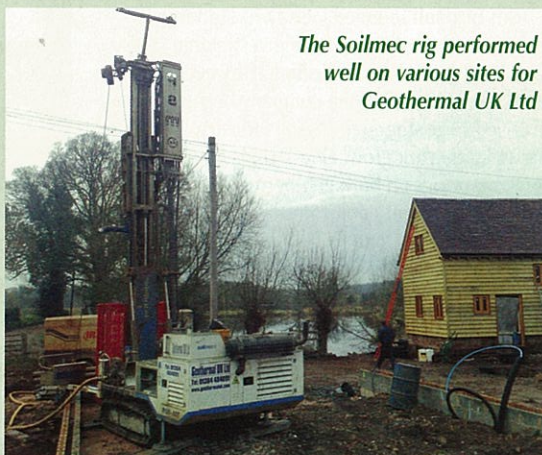
Geothermal UK praises Soilmec rig output

GEOTHERMAL UK Ltd has reported excellent production with a Soilmec rig at a project at Stone Farm in Ombersley, Worcestershire, UK.

The project design was to complete five boreholes 150mm in diameter, at a depth of 79m. Based on the ground investigation reports and the site layout, a down-the-hole hammer was used with a Soilmec PSM-8GT geothermal drilling rig to complete the works.

The rig was delivered to site at around midday, along with a purpose-made grouting plant, loop handling system and compressor. In two hours, the team cased to 6m and had drilled more than 50m. During the contract, the production rate was one borehole per day, which included drilling, inserting the loop, grouting and testing. Geothermal UK said these rates were possible due to a number of factors: ground conditions and a comprehensive site investigation report; an experienced drilling team; a dedicated geothermal rig to the correct specification; a purpose-made grouting plant and loop handling system; good-quality loops and grout; and good communications between all parties involved in the project.

Geothermal UK added: "The Soilmec PSM-8GT



The Soilmec rig performed well on various sites for Geothermal UK Ltd

drilling rig has coped well on a variety of sites and drilling techniques. The safety guard complete with slow rotation, fitted as standard, has ticked all the right health and safety boxes and has been designed for ease of use. The rod-handling system has proved to be an asset, as it reduces the need for manual handling and speeds up the addition of rods and casing. The maximum depth we have drilled to date is 125m, as we have had no requests for deeper. The drilling team have had nothing but praise for the rig and the production speaks for itself."

Smart solution from Go Geothermal

GO GEOTHERMAL Ltd has introduced new Go Geo Chamber Kits for its modular manifolds, which it says can be installed in minutes with no trade skills or mechanised equipment.

The modular chamber solution eliminates messy brickwork chambers or modified concrete ring section chambers, with all their inherent problems involving time delays, cutting equipment and health and safety issues.

Go Geothermal says the technology is already proven in markets such as telecommunications and the product looks set to replace rapidly traditional brick or concrete solutions which take days to build rather than minutes, are less versatile and forgiving, as well as more demanding on the environment in their construction.

Bob Davis, of installer LS Services, is a fan of the modular chambers. He said: "No need for a concrete base, no chance of the chamber cracking when drilled unlike concrete solutions, quick and simple, it really is the ideal solution."

As an added incentive, Go Geothermal is offering the chance to win a case of wine. Any genuine emailed enquiry quoting GSL1 will be entered a prize draw (cut-off: midnight July 1).



Geothermal UK



- Drilling Boreholes
- Installing Loops
- Grouting

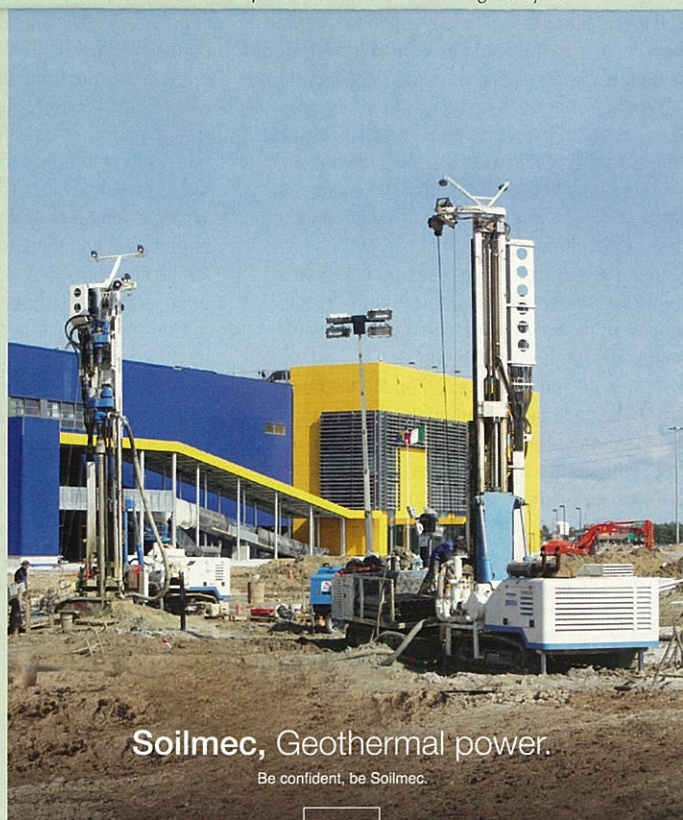


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Tel: +44 (0)1384 484091

Email: info@geothermaluk.com

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Soilmec Ltd, New Lodge, Polebrook,
Oundle, Peterborough, PE8 5LL
Tel. 01832 274602 Fax. 01832 274677
E-mail: steph@soilmec.co.uk

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