



## ***DELMAG Drilling Rigs - hit the UK running!***

Amongst experienced piling personnel in mainland Europe the word DELMAG is synonymous with high quality, heavy duty piling equipment technology, noted for comprehensive ranges of robust drilling rigs, drilling attachments and diesel piling hammers. In the UK, DELMAG is more likely to be recalled only for their proven range of diesel piling hammers. However, the perception of the UK market is about to be changed with the recent introduction of a brand new DELMAG RH28 drilling rig to ABI Equipment's hire fleet.

DELMAG, part of the ABI Group, operates from factories in Niedernberg and Esslingen, Germany. Established in 1922, DELMAG has an enviable reputation for manufacturing exceptionally well built construction equipment. Acquired by ABI Group in 2000, the DELMAG brand has enjoyed considerable worldwide success ever since. ABI Group's UK subsidiary is committed to furthering this success.

**Carillion Piling Limited** has been the first piling contractor in the UK to identify the benefits offered by ABI Equipment's latest addition to their hire fleet. Adrian Norridge, Operations Director for Carillion Piling, says "We were looking for a powerful, stable, high torque rotary bored piling rig to undertake the installation of 117No x Ø750mm foundation piles to depths of up to 17m in highly varied ground conditions at the Dundee Waterfront Development in Scotland. Operating adjacent to the River Tay we expected to encounter hard igneous Basalt and Dolerite bedrocks at 7.5m depth at one end of the site, with much weaker volcanic Breccia at around 15m at the opposite end of the site. Compressive strengths of the Dolerite varied between 60-90 MPa. Given our proximity to the river, and the nature of the rock formations, water ingress was always likely during installation. We received good reports about the Delmag RH rigs from our European contacts and we were keen to see what the RH28 would do for us."



Work commenced on site at the beginning of September 2009. Norridge comments “The Delmag RH28 performed impeccably throughout the project, installing up to five piles per day. We particularly liked the full-stroke rope crowd system giving us up to 17.5m of rotary mast travel together with the high torque/low speed rock drilling feature. Casing installation and removal was straight forward, with the Delmag offering plenty of crowd and pull forces. We found the rig to be highly stable and comfortably coped with whatever was asked of it. Pile installation was completed two weeks ahead of schedule”.

The Tayside development project aims to create a new central business district for high value service sector employers. The 2650 kN working load foundation piles were installed ahead of the construction of a new 5,000 cubic metre storm water tank, required to control the quality of surface water run off into the river.



ABI Group are market leaders in the manufacturing of high quality piling rigs and attachments. The group offers a broad range of support services backed by experienced personnel. We do not undertake contracting however, we leave that to our customers!

To find out more about this proven technology, or to discuss how we may be able to assist you with your next piling project, please contact ABI Equipment Limited - the UK subsidiary of ABI Group, Germany, exclusively authorised to supply the full range of Delmag equipment for hire and sale in the UK and Republic of Ireland.



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