

UK-based Pennine, part of Balfour Beatty Ground Engineering, is working with Spanish contractor Geocisa to install 8500 stone columns using the 'wet top-feed vibroflot' technique in preparation for the construction of a giant warehouse which will house coal clinker at the Port of Valencia in Spain.



Excerpts from Construction Europe, September 2008.

Digging deep

The latest foundation equipment and techniques are more environmentally friendly and technologically sophisticated allowing for increased productivity on challenging construction sites. BECCA WILKINS reports.

ENHANCING THE PRODUCTIVITY AND environmental friendliness of foundation equipment is a top priority for manufacturers in this specialist, but highly competitive market.

The European construction market is undergoing economic and social change and manufacturers must respond to this by developing new technologies and techniques.

Speaking to *CE*, Ari Kuikka, sales, marketing and service director for Junttan said, "The key things are productivity and environmental friendliness. Companies want to be more productive and they are willing to buy machines which help them to be more efficient in the market."

Heightening productivity is even more vital as construction projects become more complicated and take place in more diverse locations.

(...)

FUTURE CHALLENGES

Foundation equipment customers are becoming more demanding as construction sites become more challenging. It is therefore essential that manufacturers continue to develop new products and services that enable them to differentiate themselves in the market.

(...)



Load tests are being carried out on the pile foundations installed for the construction of a new pier at the Port of Koper in Slovenia using a Pile Dynamics' PAX Wireless Pile Driving Analyzer (PDA) model.