



AMSTERDAM CONFERENCE

EXHIBITORS LIST

Companies from around the world will be represented at the exhibition running alongside the piling and deep foundations conference.

EF takes a look at the products and services on offer and some of the projects they have recently been involved in.

(...)

Pile Dynamics

US-based Pile Dynamics manufactures systems to assess foundation bearing capacity and integrity and to assure a quality foundation installation. The range, which is used around the world, includes the Pile Driving Analyzer (PDA), CAPWAP, Cross-Hole Analyzer, Pile Integrity Tester and GRLWEAP.

Sister company GRL Engineers offers foundation testing services.

In January 2006 GRL performed

dynamic load tests with the PDA on four drilled shafts of a parking garage in St Louis, Missouri, US.

GRL used its 40t Apple IV loading device to impact the shafts and generate the measurements for the test. Shafts were 1.07m to 1.98m in diameter and up to 25.6m long.

Activated test loads were roughly 40MN with low concrete stresses, and two of the four shafts were tested in just half a day. According to Paul

Pritchard of Alberici Constructors, the relatively low cost and the short construction interruption made testing with PDA and Apple IV a very agreeable option compared with other types of load testing.

(...)



Pile Dynamics specialises in kit to determine integrity and capacity