



ABBNEY PYNFORD

PILING

FAST COST-EFFECTIVE PILING SOLUTIONS

HIGHEST
PRODUCTIONS
HIGHEST **QUALITY**
GUARANTEED

Flexible
Rapid Installation

Advisory Service

From 10 Pile Sites >>> to >>> 10,000 Pile Sites

Total Support

ANYSITE
ANYSOIL

IS A PILE A PILE? and IS PRICE ALL THAT COUNTS?

To some Clients YES and others want MORE!

MORE means:

- ▲ Knowing that your piling scheme is the most cost effective design and right mix of Safety Factor and testing;
- ▲ Expecting advice on Site Investigation, Foundation Design and the most appropriate pile to use;
- ▲ Expecting to be offered alternative, more cost effective options and foundation solutions;
- ▲ Knowing every pile is constructed to the right specification every time;
- ▲ Being offered mini pile options where appropriate;
- ▲ Being offered total solution packages including contiguous bored pile walls, underpinning, grouting, foundations etc;
- ▲ Knowing that all our operatives are CPD trained;
- ▲ Knowing we operate to a Quality Management System.

OPEN SITE CFA AND ROTARY PILES

Abbey Pynford's compact lightweight hydraulic piling rigs are ideally suited to the installation of high performance CFA piles up to 750mm in diameter on both large open sites and the smaller restricted sites. These rigs are fitted with the very latest computer controlled instrumentation to provide accurate information on pile formation, and can also operate in rotary mode up to 1.2m in diameter.

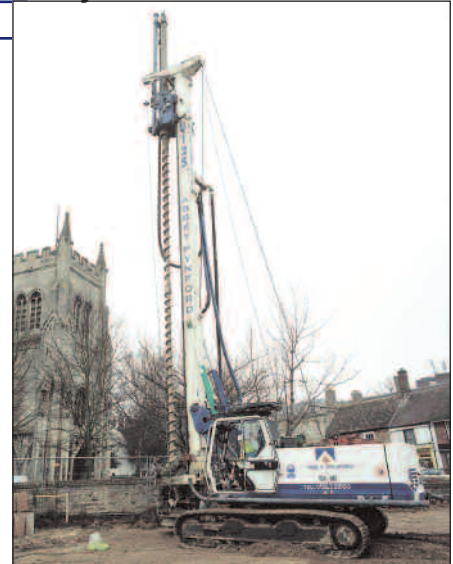
Casagrande B125 and B135 rigs

Details:

Weight: 35.5 tonnes
Length: 7.8m
Width: 3.7m
Height: 25.1m
Pile Dia.: up to 750mm
Pile Depth: up to 24m

Advantages:

- ▲ Rapid mobilisation and set up;
- ▲ Fast installation rates;
- ▲ Reduced piling mat requirements;
- ▲ Rotary techniques available;
- ▲ Piles designed for compression, tension and lateral loadings.



Casagrande B125 and B135 Rigs

LIGHTWEIGHT RIG WITH BIG CFA CAPABILITY

This is a unique rig to the UK with the ability to construct a CFA pile to 10m with one stroke. The rig is lightweight and requires a significantly reduced piling mat specification. The driver cab also facilitates the housing of full instrumentation.

Soiltek S45

Details:

Weight: 14.5 tonnes
Length: 2.9m
Width: 2.4m
Height: 10m
Pile Dia.: up to 1000mm (Rotary)
up to 750mm (CFA)
Pile Depth: 10m (one stroke)
25m – 300 CFA

Advantages:

- ▲ Rapid mobilisation and set up;
- ▲ 10m CFA in one stroke;
- ▲ Lightweight – limited pile carpet required;
- ▲ Rotary and CFA modes.



Soiltek S45

ANYSITE
ANYSOIL

MORE THAN 1000 PROJECTS COMPLETED

OPEN SITE DRIVEN STEEL-CASED AND PRECAST CONCRETE PILES

Abbey Pynford's 'Top Drive' piling rigs are lightweight rigs that have been specifically developed to require minimal site preparation. They are ideally suited to both large open sites and smaller infill sites.

Top Drive Rig

Details:

Weight: 25 tonnes
Length: 4.5m
Width: 3.0m
Height: 13m
Pile Size:
Concrete – 150mm to 250mm square
Steel – 114mm to 240mm circular

Advantages:

- ▲ Rapid mobilisation and set up;
- ▲ Minimal site preparation;
- ▲ Compression, tension and raking piles;
- ▲ Residential, commercial and light industrial applications.



Top Drive Rig

RESTRICTED ACCESS LARGE DIAMETER

Abbey Pynford medium range piling rigs are powerful, compact and capable of installing piles up to 600mm diameter. These are ideal where access is tight and heavily loaded piles are required.

Klemm Rig

Details:

Weight: 13 tonnes
Length: 5.5m
Width: 2.4m
Height: 8.9m (cut mast 5.5m)
Pile Dia.: 250mm up to 600mm
Pile Depth: up to 25m
Pile Type: CFA or Rotary Bored

Advantages:

- ▲ Rapid mobilisation and set up;
- ▲ Fast installation;
- ▲ Minimal site preparation;
- ▲ Reduced piling mat requirements.



Klemm Rig

RESTRICTED SITE ROTARY PILES

Probably the smallest and most versatile rotary rig in the market, the remote controlled Baby drill can install 600mm diameter piles to 16m on sites with limited headroom or restricted access.

Mait Rig

Details:

Weight: 5 tonnes
Length: 3.5m (working length)
Width: 1.5m (working width)
Height: 4.9m
Pile Dia.: 300mm to 600mm
Pile Depth: up to 16m

Advantages:

- ▲ Rapid mobilisation and set up;
- ▲ Large diameter, high loads;
- ▲ Suitable for the small restricted development or within high bay buildings;
- ▲ 600mm diameter piles to within 300mm of wall face.



Mait Rotary Auger

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Abbey Pynford work with clients on design through to complete implementation in the following areas:

- ▲ **House Foundations** – Housedeck®
- ▲ **Industrial/Commercial Foundations** – Comdeck®
- ▲ **Piling** – Open site, restricted site, augered, bored and driven
- ▲ **Mini-Piling**
- ▲ **Commercial and Domestic Underpinning** – widest range of underpinning systems available
- ▲ **Complex Foundations**
- ▲ **Industrial Machinery Foundations**
- ▲ **Space Creation in the Refurbishment Market** (High Level Pynford Beams)
- ▲ **Lifting and Moving Structures and Buildings**
- ▲ **Basements**
- ▲ **Rail Infrastructure** – Piling and Foundations

www.abbeypynford.co.uk

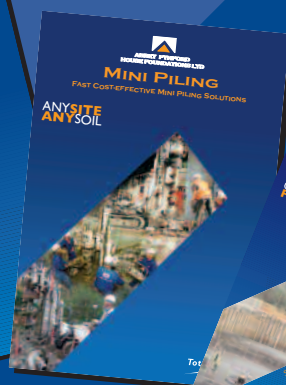
OUR COMBINED SERVICE INCLUDES:

Residential Foundations



housedeck®
Total Support

Mini Piling



comdeck®
Total Support

Commercial Foundation

