

# Continuous Flight Auger (CFA) Information Sheet



## Greenpiling

Green Piling offers a Continuous Flight Auger (CFA) pile installation service.

CFA piles are installed by boring into the ground to the required depth, the auger is then slowly extracted whilst concrete is pumped down the hollow stem. Steel reinforcement cages are then installed into the fluid concrete in order for binding to the ground beams if required.

On board computer monitoring systems are used throughout the process. These systems show the auger depth, speed of rotation and rate of penetration. The computer also monitors the concreting stage, ensuring the driver has complete control of the installation process.

CFA piles are available in a wide range of sizes from 300mm to 1000mm diameter and can be installed to depths of up to 28m.

CFA piles are suitable for most soil conditions and construction projects and are ideal when piling is required close to existing buildings or in built up areas as this method of piling is virtually vibration free and has low noise levels.

### Advantages of Continuous Flight Auger:

1. Virtually vibration free
2. Low noise levels
3. Can be used close to existing buildings
4. Suitable for most ground conditions
5. Speed of installation

Specification	
Sizes Available	300 – 1000mm diameter
Max depth	28m
Load	Max 7000kN

