



METRO PILING

CONTINUOUS FLIGHT AUGER (CFA) PILING

www.metropiling.co.uk

Continuous Flight Auger (CFA) piles are widely used within the industry, suitable for a variety of ground conditions. The installation process is virtually vibration free, making it ideal for working in close proximity to existing buildings or in environmentally-sensitive areas.



DESCRIPTION

The Continuous Flight Auger (CFA) is a replacement piling technique, also known as auger cast piling. Piles are formed by drilling to the required depth using a hollow stem continuous flight auger.

This solution can be used in most ground conditions such as gravels, sand, silts, clays, soft rock, and mixtures of strata. Suitable for all construction projects across the residential, commercial, infrastructure, and industrial sectors.

Pile diameters range from 300mm to 750mm, and depths up to 26 metres, with load capacities up to 3500kN.

APPLICATIONS



Commercial



Residential



Suitable for most soil types



Industrial

ADVANTAGES



Quick Installation



Quiet installation



High capacities



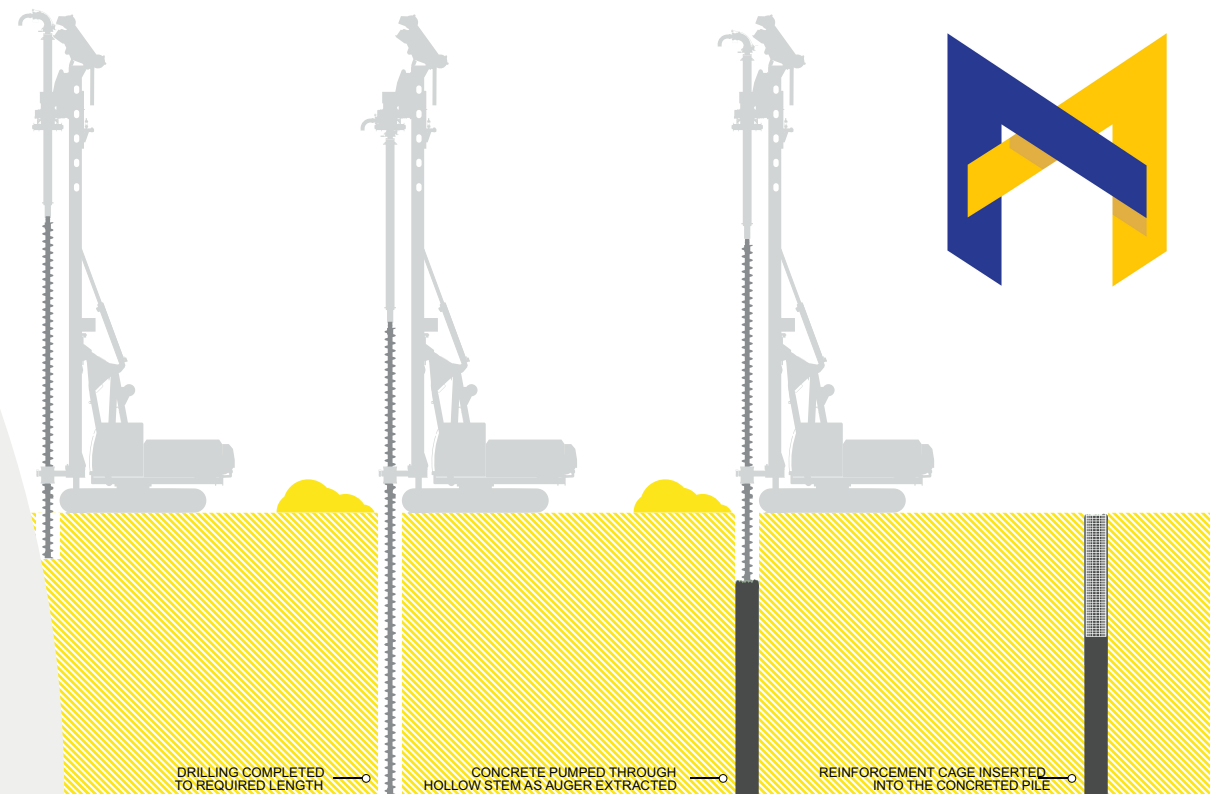
widely known throughout the industry



Purpose built rigs



Range of auger sizes available



INSTALLATION

CFA piles are formed by drilling to the required design depth using a hollow stem continuous flight auger.

the void, whilst the auger is withdrawn at a controlled rate.

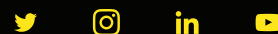
After reaching the design depth, concrete is then pumped through the hollow stem to fill

A reinforcement cage is then inserted into the wet concrete.

TECHNIQUE CAPABILITIES

SPECIFICATION	FROM	TO
Standard pile size	300mm	750mm
Typical load capacity	100kN	3500kN
Practical depth	4m	26m

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