METRO PILING

ENGINEERING STRONG FOUNDATIONS

CONTINUOUS FLIGHT AUGER (CFA) PILING

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Continuous Flight Auger (CFA) piles are widely used within the indus-try, 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.

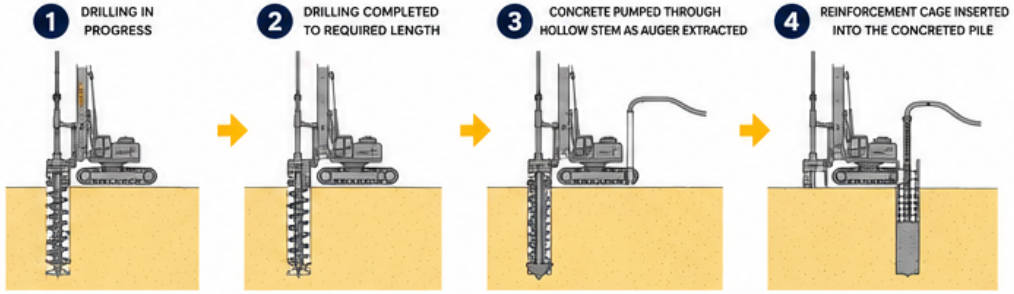
APPLICATIONS

- Commercial
- Residential
- Industrial
- Suitable for most soil types

ADVANTAGES

- Quick Installation
- Quiet installation
- High capacities
- widely known throughout the industry
- Purpose built rigs
- Range of auger sizes available

INSTALLATION



TECHNIQUE CAPABILITIES

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

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