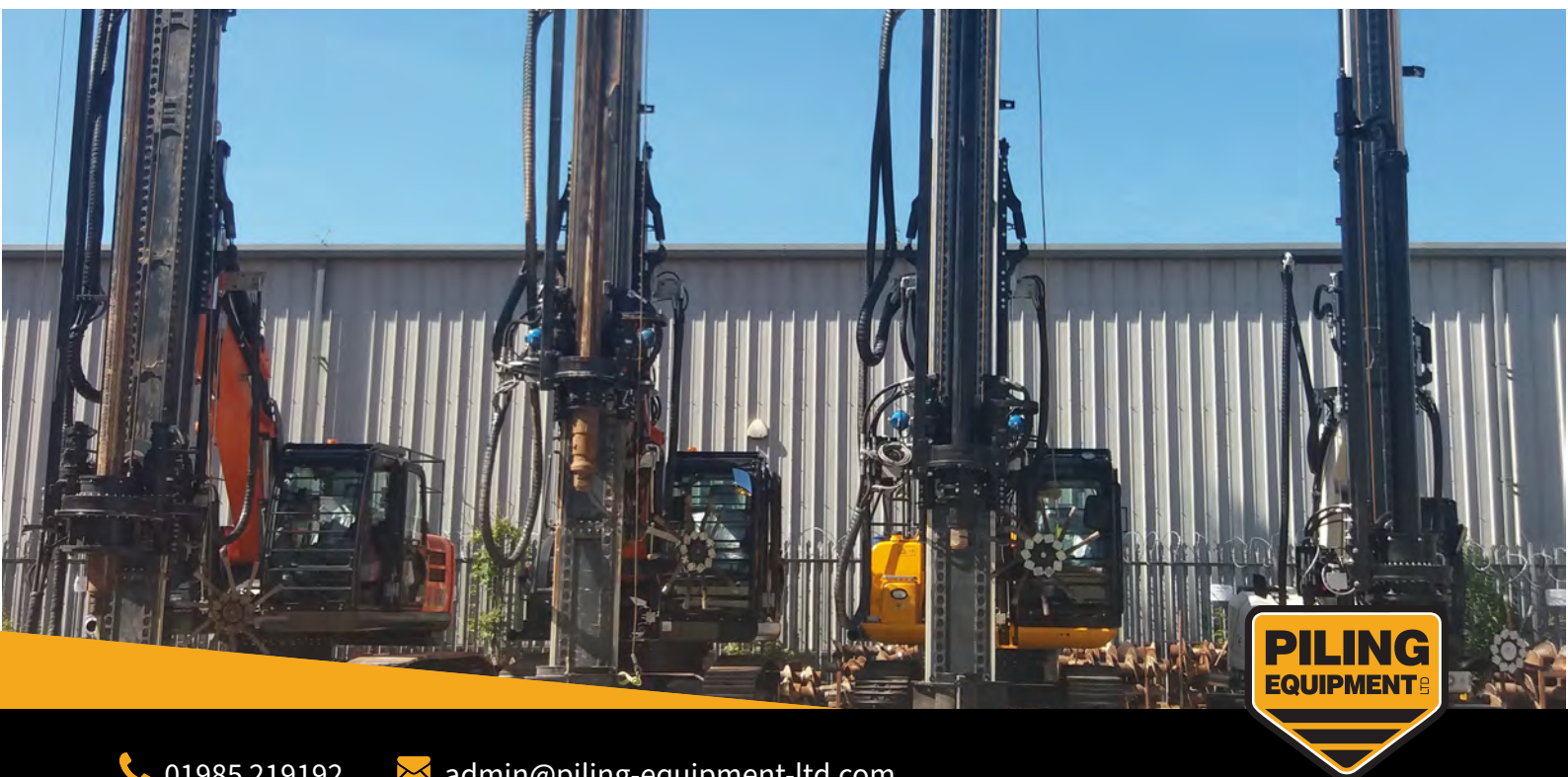




PILING EQUIPMENT LTD 2023 CATALOGUE



Welcome to Piling Equipment Ltd

Piling Equipment Ltd was founded in 2007, by our current Managing Director, Mark Symes. Since leaving school, Mark has worked for a variety of piling companies, situated both in the UK and abroad. Over the course of three-decades, Mark has been able to attain invaluable industry experience and expertise, plus an indispensable insight into the global piling sector.

Since inception, Piling Equipment Ltd has gone from strength to strength. Over the past decade, we have become an internationally renowned company with a strong global presence and a diverse network of clients. Today we are considered as a leading global supplier, specialising in the sale and rental of new and refurbished piling machinery and foundation drilling equipment.

Our company headquarters and external distribution warehouse are both located in Wiltshire, UK. We have a diverse team comprised of 15 individuals working across our head office and workshop. Our team have a wealth of experience within their respective departments, and work collaboratively in order to provide our clients with the most professional and proactive service possible. We pride ourselves on providing top-notch customer service and believe every interaction and transaction with us should be proficient, confidential and hassle free.

Piling Equipment Ltd have strong core values and believe in the power of people and the power of piling. We believe that high-quality piling machinery and equipment should be accessible to all, therefore our machinery and equipment inventories are comprised of an assortment of stock suited to a wide variety of projects, budgets and sectors.



Contents

[Our Services](#)

[Sales](#)

[Hire](#)

[Workshop](#)

[Geax](#)

[Cobra](#)

[Used Machinery](#)

[Drilling Equipment](#)

[Contact Us](#)



Our Services

Piling Equipment Ltd is comprised of a dedicated and experienced team. We pride ourselves on always providing high quality and reliable service, and we continually strive to be the best at what we do. We offer a complete range of services to fulfil a variety of drilling and piling requirements, including but not limited to:

Sales: With a diverse range of piling rigs and drilling apparatus in stock, we sell an assortment of new, used and refurbished drilling machinery and equipment within the UK and internationally. As a globally renowned company, we have a wealth of experience when it comes to international shipping and working closely with clients situated abroad. Additionally, due to our location, we have access to several UK ports enabling us to ship machinery and equipment with ease. We pride ourselves on providing excellent customer service and ensure every interaction and transaction with us is proactive, hassle free and confidential.

Hire: As a well-established plant hire company, we have strong ties and relationships with many firms across the UK operating within a variety of industries including construction, mining, and engineering. We are proud to have a diverse hire fleet comprised of modern and well-maintained machines, mostly operating with tier four or tier five engines. Our machinery and equipment is available to hire nationwide and we offer a variety of rental options ensuring total flexibility to all our clients.

Workshop: Our in-house workshop team offer an assortment of services. From rig maintenance and LOLER inspections, to equipment modifications and custom-built machinery, our engineers not only maintain and service machinery, but are also able to design and fabricate new piling solutions to meet clients' exact specifications and requirements.

Acquisition: In addition to our three core offerings, we also offer an acquisition service. If you are looking to sell any piling machinery or drilling equipment, we can offer you the best value for your assets, subject to condition. Part exchange options are also available, and should you wish to upgrade or sell your machine, we are able to utilise our contact database to market and sell your assets on your behalf via a commission based system.

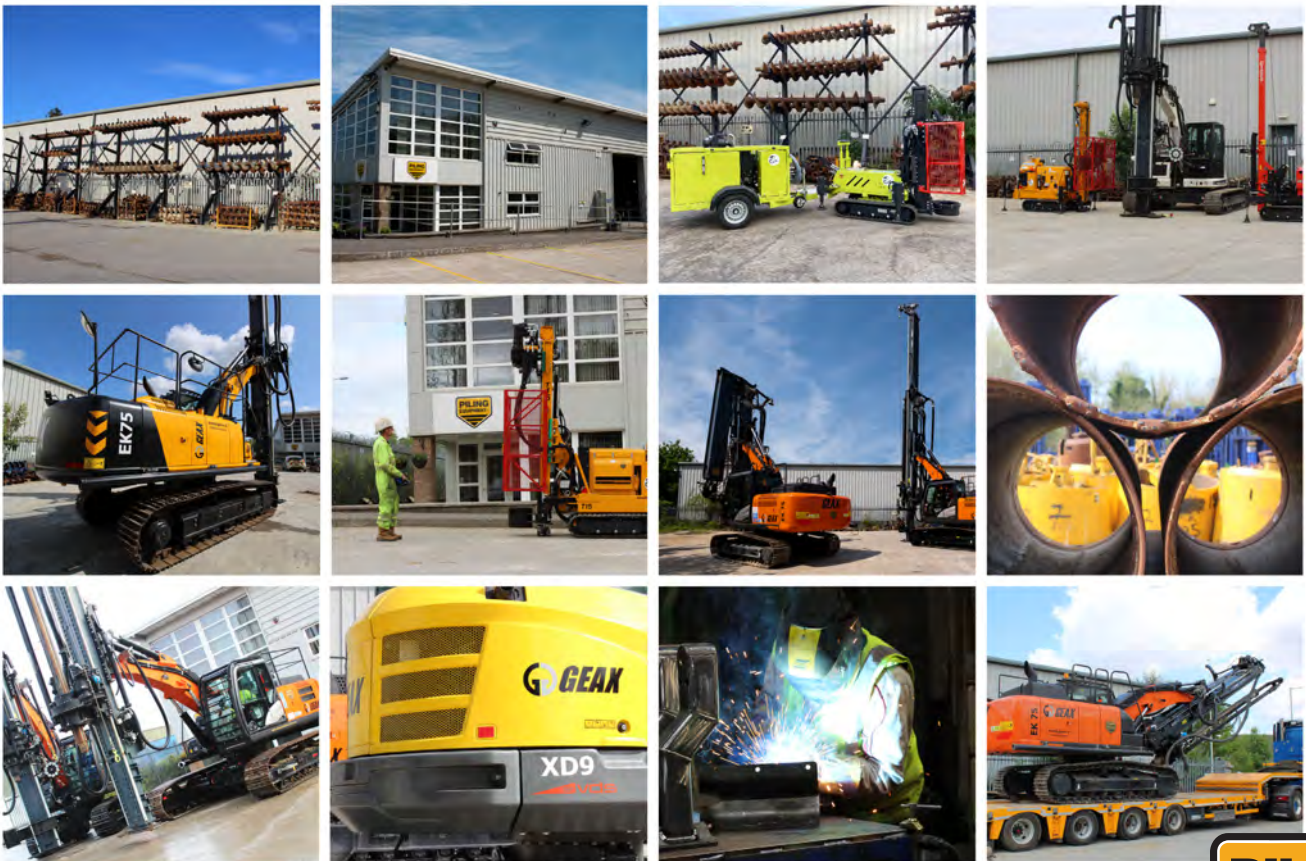


Sales

Here at Piling Equipment Ltd, we are proud to have a large assortment of piling machinery and foundation drilling equipment available for UK and international purchase. We have a wide range of new machinery alongside a variety of used and refurbished drilling rigs, equipment and consumables. Our substantial and varied inventory of drilling machinery and piling equipment means we can cater to, and meet, a diverse range of project specifications and particular individual requests. From CFA and rotary rigs, to drop hammers and mini piling rigs, we guarantee to have a machine suitable for every job site and every project.

Our sales team have a wealth of industry knowledge, expertise and experience, and we understand what customers expect from their equipment. We always aim to suggest and select the most appropriate machinery for the job and will help clients source and secure their ideal rig. Our pricing structure is fair, competitive and transparent, and we are able to complete transactions in a variety of currencies.

All of our drilling equipment is available to buy both within the UK and internationally, directly from our yard. For your convenience and peace of mind, our sales team are able to offer a variety of delivery or collection options, and will provide you with regular updates throughout the shipping process. All drilling equipment and piling accessories are fully inspected prior to leaving our workshop to ensure everything arrives to site in tip-top working condition.



Hire

Whether you are an experienced groundworker, an independent piling contractor or in need of a rig to complete a one-off DIY project, we have an extensive range of piling equipment and foundation drilling machinery to suit every project and every job site.

We are proud to have the newest and most diverse hire fleet in the UK. From CFA and rotary rigs to drop hammers and mini piling rigs, we can provide a complete range of machinery suitable for all job types and all job sites. Within our fleet we have an assortment of rigs which are able to work on sites where potential challenges may occur. For example, sites with limited or tight access, adverse ground conditions, low headroom or noise restrictions. We can also cater for a variety of project specifications and individual requests. Furthermore, we can supply an assortment of drilling equipment to complement your machinery, including but not limited to, augers, pins and casings.

We like to work closely with our workshop team to ensure that all plant hire machinery and equipment is fully serviced and well maintained before departing for a new project. All machinery is also fuelled prior to arriving on site.

Prior to rental, our team like to know as much as possible about your individual project requirements and specifications. Therefore, in order to provide the most suitable rig and equipment for the job, we'll discuss the following with you; depth/diameter required, ground conditions, potential site restrictions. We offer a variety of rental options ensuring complete flexibility for all clients. Our machinery and equipment is able to be hired nationwide, from three days to twelve months plus. We also offer a range of transportation options enabling us to be accommodating to our clients' needs and schedules.



Workshop

Here at Piling Equipment Ltd, we are lucky to have a purpose built workshop situated adjacently to our main office building. Our plant manager has over forty-years of industry experience, and together our workshop team have over one-hundred years of combined engineering expertise and industry knowledge.

We are proud to offer our clients a range of services. From everyday rig maintenance and equipment repairs, to complete machinery overhauls and custom builds, our unique variety of services ensures all clients, and their individual needs, are catered for. All of our offerings and services are able to be individually customized, meaning we can meet and exceed a range of needs and expectations.

Design & Fabrication: Our in-house fabrication services include repairs, modifications, refurbishments and complete custom builds manufactured to meet your exact specification. From gas cutting and grinding, to welding services, rig resprays and die-cut logos, our team offer an array of services with fast turnaround times and competitive rates. We have an extensive list of services that can be combined and tailored to accommodate clients and their work schedule.

Qualified Engineers: Our experienced and knowledgeable engineers can fabricate new piling solutions to meet individual specifications and project requirements. From auger hard-facing to a brand new custom build, our team have the experience and skill required to revamp existing equipment or create new machines to fulfil every clients' brief.

Service & Repairs: We offer a range of rig maintenance and repair solutions ensuring your equipment is well maintained and ready to work. Our workshop team are also able to provide on-site breakdown assistance, ensuring any problems are rectified as time-efficiently and cost-effectively as possible. For further information about our nationwide breakdown service, please contact our hire team.



Geax

Our Italian partners Geax are a leading international piling machinery manufacturer. Creating innovative and ergonomic designs, Geax specialises in the production of compact yet powerful rigs, ideal for a variety of projects and jobsites. Geax have cleverly engineered a variety of rigs, which consistently deliver a superior performance without compromise. The XD, DTC and EK series rigs represent a welcome advancement in the development and manufacture of piling rigs in both the UK and internationally.

Geax machines are easily distinguished by their compact structure, innovative design and unrivalled power. Geax rigs consistently deliver a top-level performance, along with flexibility and versatility, adapting easily to different applications and working conditions. The Geax design ensures excellent rigidity and lightness, more precise movements, fast set up time, a wide range of tool positioning, simpler maintenance and better visibility, and usability for the operator. Geax rigs are easy to manoeuvre both on and off site, allowing for simple transportation without the need for permits.

All three rig ranges offered by Geax benefit from a range of impressive integrated features increasing functionality and performance output. Geax rigs are highly versatile, agile machines, adjusting easily to difficult conditions, slopes, and narrow spaces without compromising on power or precision. The Geax rig variants each have their own unique and compact design, ideal for working on sites with limited access or restricted headroom. This compactness also makes Geax the perfect piling rig for working on close-to-the-wall jobs, city sites and on internal jobs such as building interiors and basements. Compared to other rigs with similar drilling capabilities, the Geax ranges have a relatively small footprint, perfect for tight access sites. This small working footprint means the machines also have low ground-bearing pressure, enabling the Geax to work on a less heavily engineered platform, further saving costs, time, and preparation.

Geax rigs have proven to be more cost effective and have higher productivity rates in comparison to other available brands. Similarly, service and maintenance costs of the Geax rigs are extremely reasonable, and less expensive than comparable machines. Genuine parts are also readily available ensuring your machine is always ready to work. Geax machines are also customisable, enabling clients to modify each rig to perfectly suit their requirements.



Geax currently offer three ranges:

XD Series: The XD series machines are Geax's smallest hydraulic piling rigs which have been specifically designed to work in extremely tight and restricted spaces. The XD rigs are ideal for working on sites with limited headroom and confined areas difficult to access with a larger piling rig, such as basements. Despite their compact size, the XD series are equipped with all the features associated with larger machines such as, auxiliary winch, depth meter, spin off speed and winch limit switched. Additionally, the integrated vertical alignment enables hillside piling if required. The XD rigs are capable of drilling to a maximum depth of 12m and a maximum diameter of 600mm.

Model variants include: XD6, XD8, XD9

DTC Series: The DTC series has been designed to satisfy the growing consumer need for compact piling rigs. The DTC design lays emphasis on manoeuvrability, ease of use, ease of transportation, low maintenance and reduced running costs. Its light, robust structure and compact size guarantees superior agility and higher productivity levels on site compared to larger rigs. The DTC rigs are capable of piling up to 1500mm in diameter and 31m maximum depth.

Model variants include: DTC20, DTC30, DTC50, DTC80

EK Series: The EK series are multipurpose rigs with the ability to operate in different drilling configurations, including but not limited to, CFA, rotary, telescopic Kelly piling, soil displacement and jet grouting. Each drilling mode is a kit, enabling the machine to adapt to various applications with a simple conversion. Conversion between kits is easy, simple to apply and low cost. This versatility enables the rig to function in a multitude of modes whilst offering a vast reduction in kit-changeover/conversion time. EK rigs are available from 9.5 tonnes up to 35 tonnes, covering a range of maximum diameters from 800mm to 1800mm and a range of maximum pile depths between 10m and 40m.

Model variants include: EK30, EK40, EK40L, EK60, EK60L, EK75, EK90, EK110





GEAX XD6

Mini Drilling Rig



Key Features

- ★ Mini Piling
- ★ Restricted Access
- ★ Limited Headroom

Technical Specifications

Engine: Yanmar Tief4f

Controls: Onboard Cabin

Maximum Diameter Holes: 500 mm

Casings: N/A

Tracks: Expandable

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 2805 mm

Width: 990 mm

Height: 2600- 4650 mm

Basic Weight: 2800 kg

Transport Length: 2805 mm

Transport Width: 990 mm

Transport Height: 2385 mm



Mast

Forward Inclination: 5°

Backward Inclination: 1°

Lateral Inclination: 0/15°

Mast Vertical Stroke: 800 mm

Technical Specifications

Base: WAKER NEUSON ET20

Full Instrumentation available

Max Depth: 11.5 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 15 kN

Extraction Force: 25 N

Main Winch Line Pull: 8 kN

Aux Winch Line Pull: 5 kN

Main Pumps: 47.6 l/min

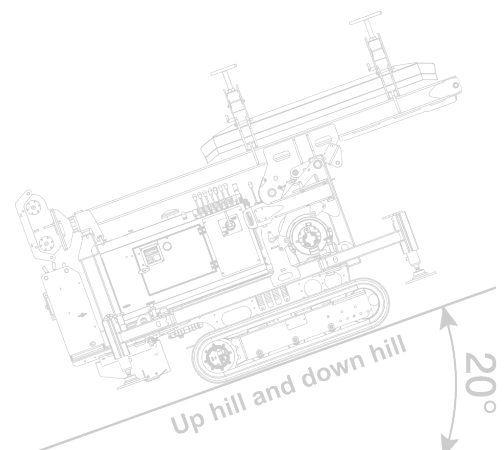
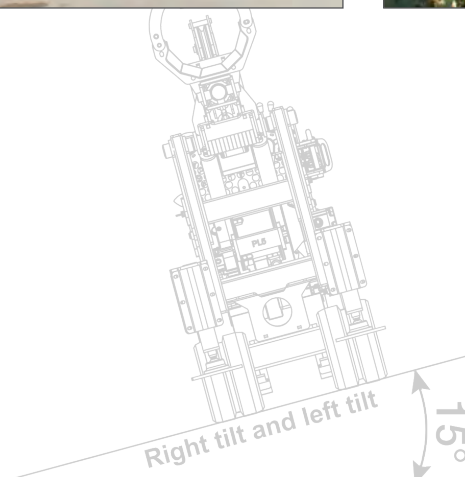
Auxiliary Pump: 19 l/m

Hydraulic Pressure: 200 bar

Applications

Restricted Access

Limited Headroom





GEAX XD8

Mini Drilling Rig



Key Features

- ★ Mini Piling
- ★ Restricted Access
- ★ Limited Headroom

Technical Specifications

Engine: Kubota D1503-M

Controls: Onboard Cabin

Maximum Diameter Holes: 600 mm

Casings: N/A

Tracks: Expandable

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 3135 mm

Width: 1550 mm

Height: 2800- 4920 mm

Basic Weight: 3800 kg

Transport Length: 3135 mm

Transport Width: 1500 mm

Transport Height: 2530 mm



Mast

Forward Inclination: 4°

Backward Inclination: 4°

Lateral Inclination: 4°

Mast Vertical Stroke: 900 mm

Technical Specifications

Base: EUROCOMACH ES28.2ZT

Full Instrumentation available

Max Depth: 12 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 25 kN

Extraction Force: 40 kN

Main Winch Line Pull: 15 kN

Aux Winch Line Pull: 5 kN

Main Pumps: 105 l/min

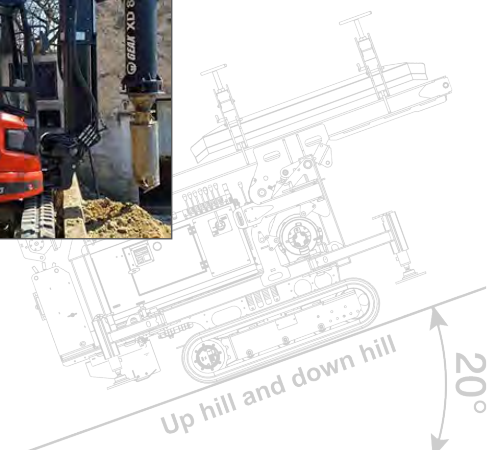
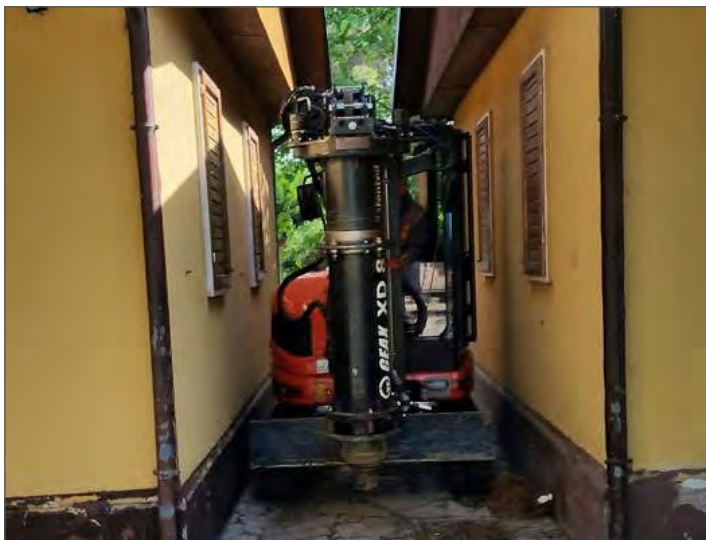
Auxiliary Pump: 10 l/m

Hydraulic Pressure: 250 bar

Applications

Restricted Access

Limited Headroom





GEAX XD9

Mini Drilling Rig



Key Features

- ★ Mini Piling
- ★ Restricted Access
- ★ Limited Headroom

Technical Specifications

Engine: Perkins Tief4f

Controls: Onboard Cabin

Maximum Diameter Holes: 600 mm

Casings: N/A

Tracks: Expandable

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 3430 mm

Width: 1620 mm

Height: 2800- 4950 mm

Basic Weight: 4300 kg

Transport Length: 3430 mm

Transport Width: 1620 mm

Transport Height: 2540 mm



Mast

Forward Inclination: 7.5°

Backward Inclination: 7.5°

Lateral Inclination: 40 / 15°

Mast Vertical Stroke: 900 mm

Technical Specifications

Base: WAKER NEUSON 3503

Full Instrumentation available

Max Depth: 12 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 25 kN

Extraction Force: 40 kN

Main Winch Line Pull: 15 kN

Aux Winch Line Pull: 6 kN

Main Pumps: 89 l/min

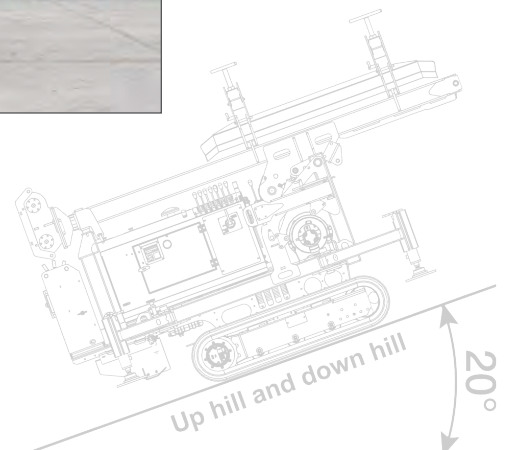
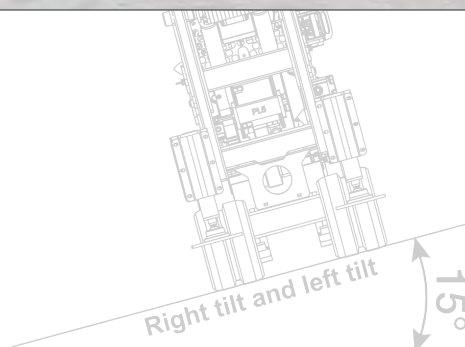
Auxiliary Pump: 25 l/min

Hydraulic Pressure: 240 bar

Applications

Restricted Access

Limited Headroom





GEAX DTC30

Compact Drilling Rig



Key Features

- ★ Compact design
- ★ Automatic alignment of the mast
- ★ 360 degree movement

Technical Specifications

Engine: KUBOTA V2607-DI / Kohler KDI 1903

Controls: Onboard Cabin

Maximum Diameter Holes: 800 mm

Casings: N/A

Tracks: Expandable

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 3110-3960 mm

Width: 1980 mm

Height: 5480- 7050 mm

Basic Weight: 9500 kg

Transport Length: 5200 mm

Transport Width: 1980 mm

Transport Height: 2560 mm



Mast

Forward Inclination: 20°

Backward Inclination: 20°

Lateral Inclination: 6.5°

Mast Vertical Stroke: 1200 mm

Technical Specifications

Base: EUROCOMACH ESP60 / JCB67C-1

Full Instrumentation available

Max Depth: 14.5 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 45 kN

Extraction Force: 60 kN

Main Winch Line Pull: 35 kN

Aux Winch Line Pull: 11 kN

Main Pumps: 140 / 144 l/min

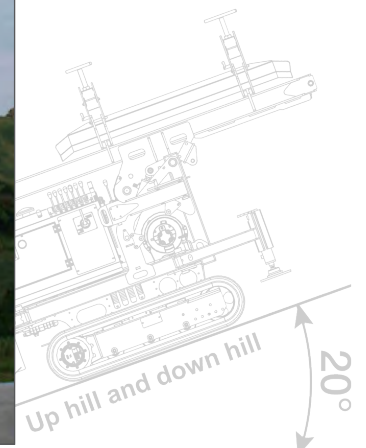
Auxiliary Pump: 17 / 25 l/m

Hydraulic Pressure: 230 bar

Applications

Restricted Access

Rotary Bored Piling





GEAX DTC50

Compact Drilling Rig



Key Features

- ★ Compact design
- ★ Automatic alignment of the mast
- ★ 360 degree movement

Technical Specifications

Engine: ISUZU AM-4JJ1X / JCB ECOMax 444

Controls: Onboard Cabin

Maximum Diameter Holes: 1200 mm

Casings: N/A

Tracks: Expandable

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 3835-5635 mm

Width: 2490 mm

Height: 6200- 11,400 mm

Basic Weight: 17,000 kg

Transport Length: 8600 mm

Transport Width: 2490 mm

Transport Height: 3050 mm



Mast

Forward Inclination: 20°

Backward Inclination: 20°

Lateral Inclination: 6.5°

Mast Vertical Stroke: 1600 mm

Technical Specifications

Base: HITACHI ZX130 / JCB JS130

Full Instrumentation available

Max Depth: 25 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 80 kN

Extraction Force: 180 kN

Main Winch Line Pull: 80 kN

Aux Winch Line Pull: 25 kN

Main Pumps: 2 x 117 / 2 x 124 l/min

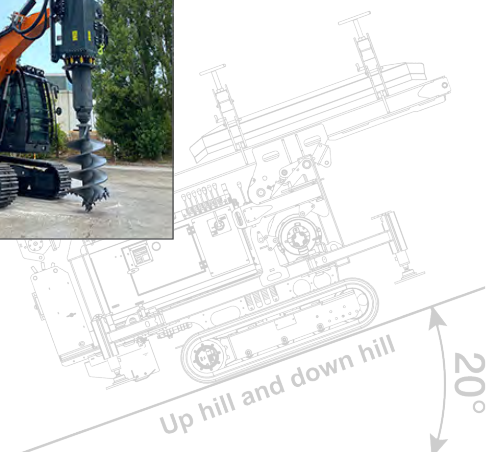
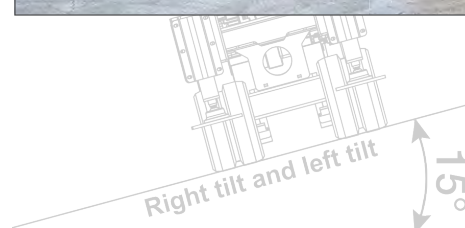
Auxiliary Pump: 2 x 33.6 / 2 x 20.5 l/m

Hydraulic Pressure: 320 bar

Applications

Restricted Access

Rotary Bored Piling





GEAX DTC80

Compact Drilling Rig



Key Features

- ★ Compact design
- ★ Depth measuring device
- ★ 360 degree movement

Technical Specifications

Engine: ISUZU AM-4JJ1X / JCB EComax 444

Controls: Onboard Cabin

Maximum Diameter Holes: 1500 mm

Casings: N/A

Tracks: Expandable

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 4640-6640 mm

Width: 2490 mm

Height: 6200- 11,400 mm

Basic Weight: 13,400 kg

Transport Length: 10,500 mm

Transport Width: 2490 mm

Transport Height: 3100 mm



Mast

Forward Inclination: 20°

Backward Inclination: 20°

Lateral Inclination: 5°

Mast Vertical Stroke: 2250 mm

Technical Specifications

Base: HITACHI ZX160 / JCB JS160

Full Instrumentation available

Max Depth: 31 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 100 kN

Extraction Force: 180 kN

Main Winch Line Pull: 120 kN

Aux Winch Line Pull: 37 kN

Main Pumps: 2 x 191 / 2 x 164 l/min

Auxiliary Pump: 2 x 33.6 / 2 x 20.5 l/m

Hydraulic Pressure: 320 bar

Applications

Restricted Access

Rotary Bored Piling



Right tilt and left

5°

Up hill and down hill

20°



GEAX EK40L CFA

Multi-Purpose Drilling Rig



Key Features

- ★ CFA
- ★ Rotary Optional
- ★ Multi-Purpose drilling rig

Technical Specifications

Engine: Yanmar 4TNV98

Controls: Onboard Cabin

Maximum Diameter Holes: 500 mm

Casings: N/A

Tracks: Expandable

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 3530-4530 mm

Width: 2320- 2900 mm

Height: 13,000 mm

Basic Weight: 14,200 kg

Transport Length: 7000 mm

Transport Width: 2320 mm

Transport Height: 2560 mm



Mast

Forward Inclination: 20°

Backward Inclination: 20°

Lateral Inclination: 6°

Mast Vertical Stroke: 1600 mm

Technical Specifications

Base: Eurocomach ESP100

Full Instrumentation available

BPS Patented Crowd System

Max Depth: 12.5 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 60 kN

Extraction Force: 165 kN

Main Winch Line Pull: 55 x 3 kN

Aux Winch Line Pull: 16 kN

Main Pumps: 185 l/min

Auxiliary Pump: 20 l/m

Hydraulic Pressure: 280 bar

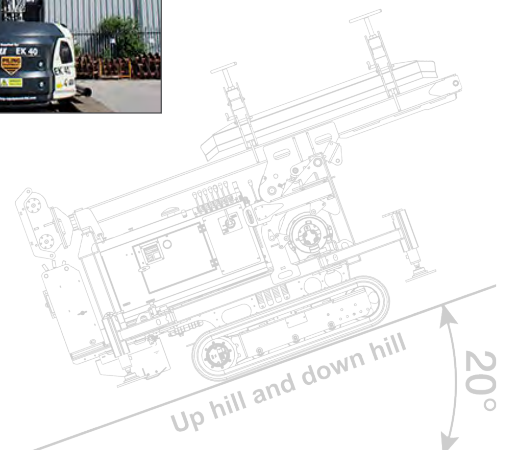
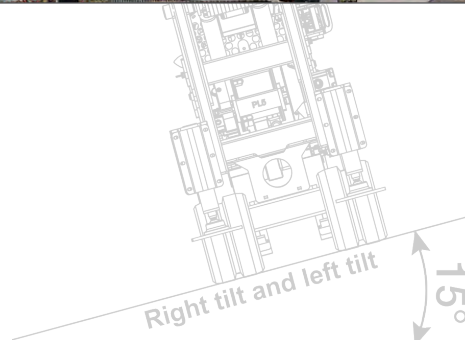
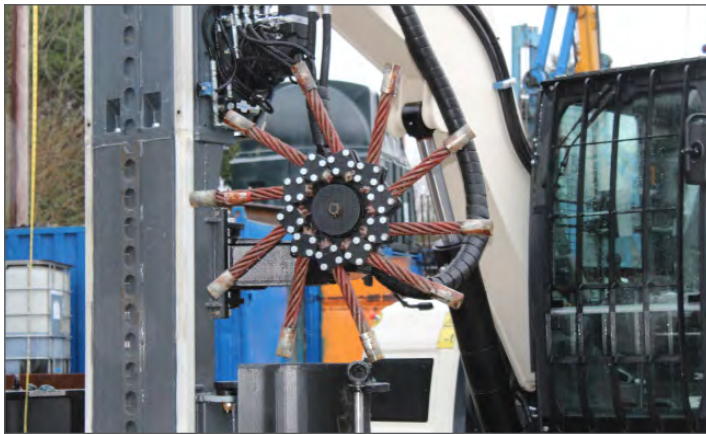
Applications

CFA

Rotary rig optional

Other applications: Diaphragm Walls / Soil Mixing / Jet grouting /

Soil Displacement / Vibro Hammer / Hydraulic Hammer





GEAX EK60 CFA

Multi-Purpose Drilling Rig



Key Features

- ★ CFA
- ★ Rotary Optional
- ★ Multi-Purpose drilling rig

Technical Specifications

Engine: ISUZU AM-4JJ1X / JCB EComax 444

Controls: Onboard Cabin

Maximum Diameter Holes: 600 mm

Casings: N/A

Tracks: Fixed

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 4485-5985 mm

Width: 2490 mm

Height: 11,400- 12,200 mm

Basic Weight: 17,500 kg

Transport Length: 10,200 mm

Transport Width: 2490 mm

Transport Height: 3050 mm



Mast

Forward Inclination: 20°

Backward Inclination: 20°

Lateral Inclination: 6.5°

Mast Vertical Stroke: 1600 mm

Technical Specifications

Base: HITACHI ZX130 / JCB JS130

Full Instrumentation available

BPS Patented Crowd System

Max Depth: 14.5 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 80 kN

Extraction Force: 240 kN

Main Winch Line Pull: 80 x 3 kN

Aux Winch Line Pull: 25 kN

Main Pumps: 2 x 117 / 2 x 124 l/min

Auxiliary Pump: 2 x 33.6 / 2 x 20.5 l/m

Hydraulic Pressure: 320 bar

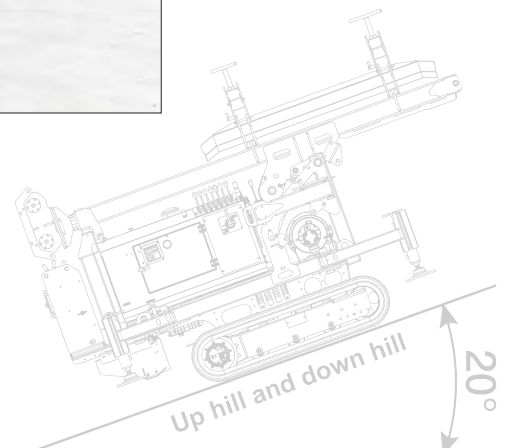
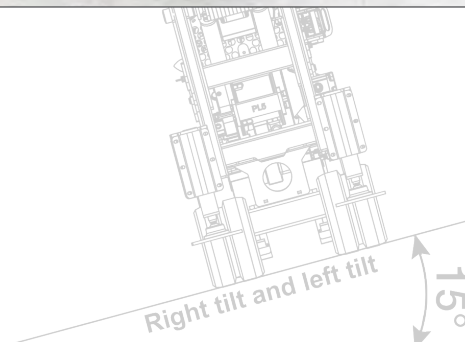
Applications

CFA

Rotary rig optional

Other applications: Diaphragm Walls / Soil Mixing / Jet grouting /

Soil Displacement / Vibro Hammer / Hydraulic Hammer





GEAX EK75 CFA

Multi-Purpose Drilling Rig



Key Features

- ★ Compact design
- ★ BPS Patented Crowd System
- ★ Multi-Purpose Drilling

Technical Specifications

Engine: ISUZU AM-4JJ1X

Controls: Onboard Cabin

Maximum Diameter Holes: 750mm

Casings: N/A

Tracks: Fixed

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 5040-6540 mm

Width: 2490 mm

Height: 13,500- 19,600 mm

Basic Weight: 25,000 kg

Transport Length: 10,500 mm

Transport Width: 2490 mm

Transport Height: 3100 mm



Mast

Forward Inclination: 20°

Backward Inclination: 20°

Lateral Inclination: 5°

Mast Vertical Stroke: 2250 mm

Technical Specifications

Full Instrumentation available

BPS Patented Crowd System

Max Depth: 16.5 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 100 kN

Extraction Force: 360 kN

Main Winch Line Pull: 120 x 3 kN

Aux Winch Line Pull: 37 kN

Main Pumps: 2 x 191 l/min

Auxiliary Pump: 2 x 33.6 l/m

Hydraulic Pressure: 320 bar

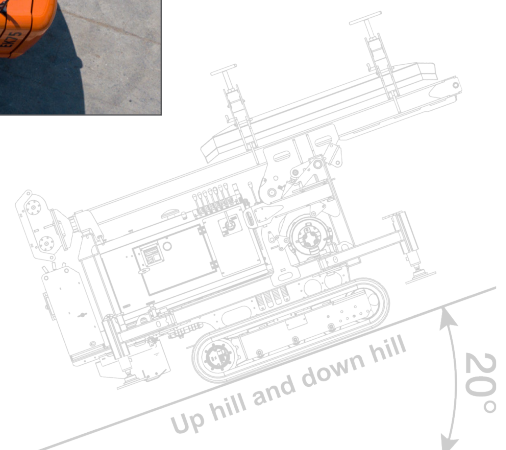
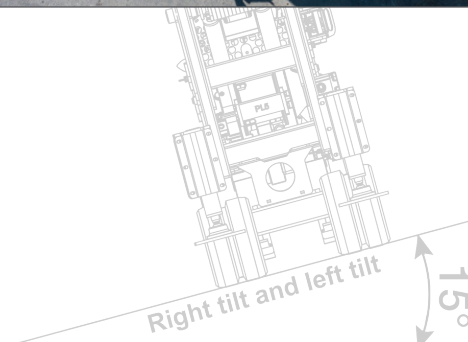
Applications

CFA

Rotary rig optional

Other applications: Diaphragm Walls / Soil Mixing / Jet grouting /

Soil Displacement / Vibro Hammer / Hydraulic Hammer





GEAX EK90 CFA

Multi-Purpose Drilling Rig



Key Features

- ★ Compact design
- ★ Rotary Optional
- ★ Multi-Purpose Drilling

Technical Specifications

Engine: ISUZU AM-4JJ1X / JCB EComax 444

Controls: Onboard Cabin

Maximum Diameter Holes: 750 mm

Casings: N/A

Tracks: Fixed

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 5240-6740 mm

Width: 2490 mm

Height: 13,500- 19,450 mm

Basic Weight: 25,000 kg

Transport Length: 10,300 mm

Transport Width: 2490 mm

Transport Height: 3100 mm



Mast

Forward Inclination: 20°

Backward Inclination: 20°

Lateral Inclination: 5°

Mast Vertical Stroke: 2250 mm

Technical Specifications

Base: HITACHI ZX160 / JCB JS160

Full Instrumentation available

BPS Patented Crowd System

Max Depth: 16.5 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 100 kN

Extraction Force: 360 kN

Main Winch Line Pull: 120 x 3 kN

Aux Winch Line Pull: 37 kN

Main Pumps: 2 x 191 / 2 x 164 l/min

Auxiliary Pump: 2 x 33.6 / 2 x 20.5 l/m

Hydraulic Pressure: 320 bar

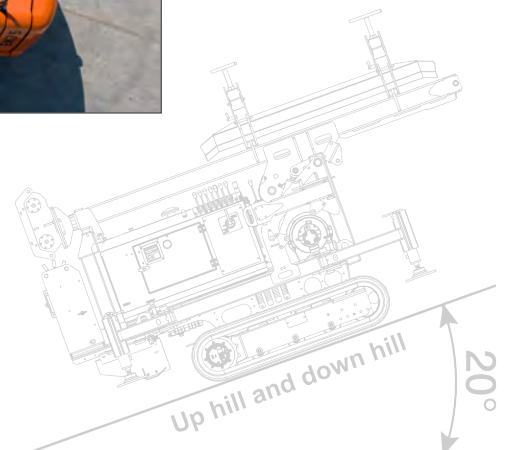
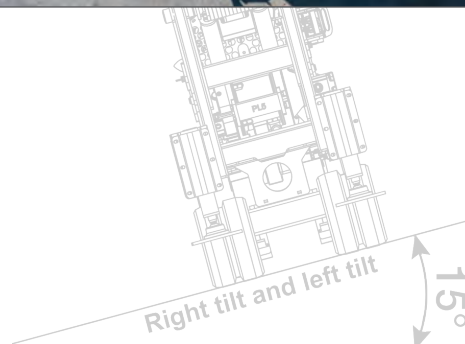
Applications

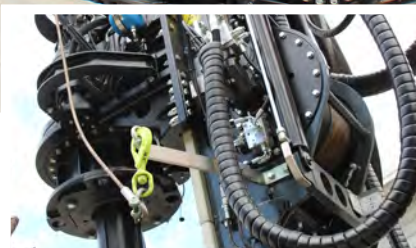
CFA

Rotary rig optional

Other applications: Diaphragm Walls / Soil Mixing / Jet grouting /

Soil Displacement / Vibro Hammer / Hydraulic Hammer





GEAX EK110 CFA

Multi-Purpose Drilling Rig



Key Features

- ★ Multi-Purpose Drilling Rig
- ★ BPS Patented Crowd System
- ★ 360 Degree Piling

Technical Specifications

Engine: ISUZU AM-4HK1 / JCB ECOMax 448

Controls: Onboard Cabin

Maximum Diameter Holes: 750 mm

Casings: N/A

Tracks: Expandable

Emission Sound Pressure: N/A

Sound Power Level: N/A

Dimensions

Length: 5425-6425 mm

Width: 2490-3700 mm

Height: 19,450- 21,450 mm

Basic Weight: 29,000 kg

Transport Length: 10,600 mm

Transport Width: 2490 mm

Transport Height: 3100 mm



Mast

Forward Inclination: 20°

Backward Inclination: 20°

Lateral Inclination: 5°

Mast Vertical Stroke: 2250 mm

Technical Specifications

Base: HITACHI ZX210 / JCB JS210

Full Instrumentation available

BPS Patented Crowd System

Max Depth: 20 m

360° Base Rotation

Accessories / Capabilities

Pull Down Force: 150 kN

Extraction Force: 360 kN

Main Winch Line Pull: 120 x 3 kN

Aux Winch Line Pull: 37 kN

Main Pumps: 2 x 212 / 2 x 214 l/min

Auxiliary Pump: 2 x 33.6 / 2 x 20.5 l/m

Hydraulic Pressure: 320 bar

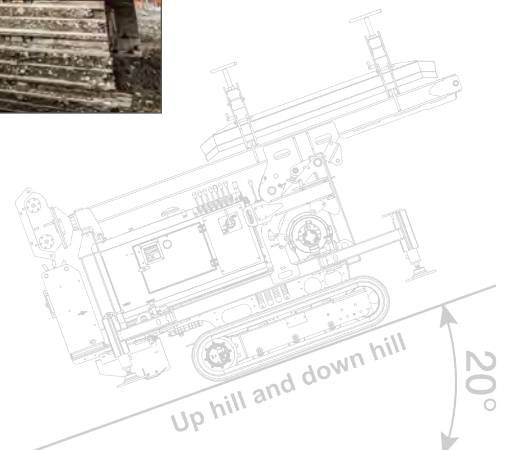
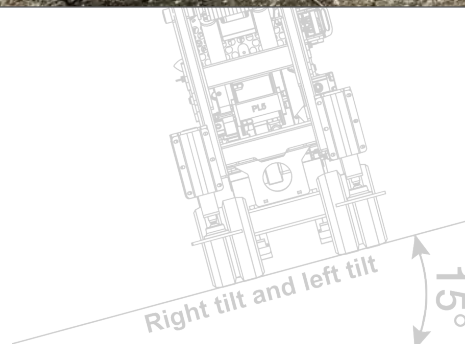
Applications

CFA

Rotary kit optional

Other applications: Diaphragm Walls / Soil Mixing / Jet grouting /

Soil Displacement / Vibro Hammer / Hydraulic Hammer



Cobra

The Cobra mini rigs have been meticulously designed and manufactured to be durable, efficient, and able to withstand the pressure of everyday site conditions whilst exceeding expectations at every opportunity.

Designed in our UK workshop, the Cobra piling rigs are manufactured using the high-est-grade durable materials, combining innovative design and high-quality components, to produce a uniquely compact yet powerful mini rig. The Cobra concept was originally blueprinted by Piling Equipment Ltd around six years ago. Since then the brand has gone from strength to strength, and is quickly becoming a firm favourite amongst members of the international piling community.

Since inception, the Cobra brand has consistently incorporated and explored the 'compact-yet-powerful' concept. Utilising our workshop teams' unparalleled engineering and manufacturing skills, our Cobra mini rigs have been designed and developed to be robust and manoeuvrable, and efficient on site. At present the Cobra range consist of two variants, mini rotary and drop hammer rigs.

Ideal for working on sites with reduced headroom or limited access, the Cobra series machines have an overall compact and neat structure without compromising on performance. All our Cobra rigs benefit from adjustable rubber tracks enabling them to fit through doorways and gateways with ease. Due to their compact size, the Cobra rigs have a small working footprint and are therefore easy to transport and manoeuvre both on and off site. Additionally, these machines are extremely operator friendly and benefit from a reduced set up time, enabling work to commence as soon as the rig reaches site.

The Cobra rigs have a superb price-to-performance ratio, are straight forward to maintain and operate, with authentic parts readily available. The Cobra machines also have an excellent fuel economy and a low carbon emission output. Furthermore, the specially selected engines produce low noise levels, enabling potential site restrictions to be easily adhered to and overcome.



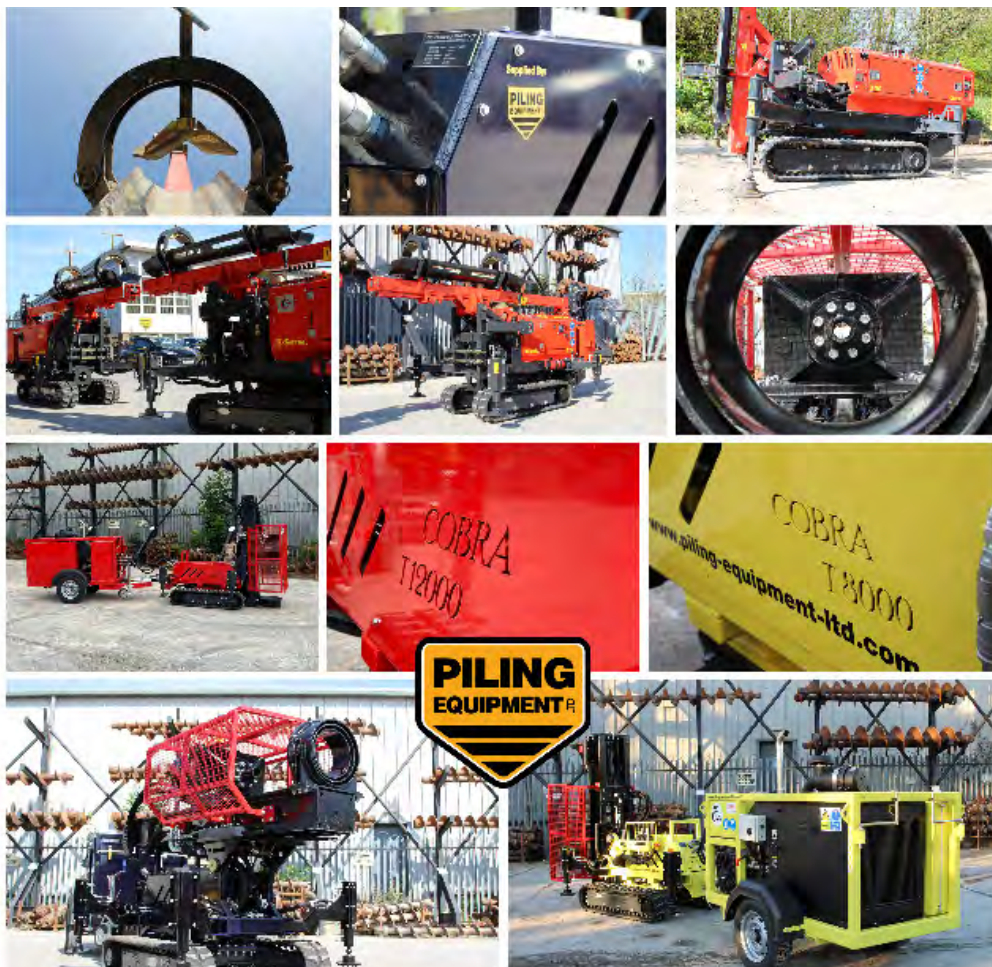
In order to satisfy the growing mini piling market, the Cobra machines are available in rotary or drop hammer configuration:

Cobra Rotary: The Cobra auger mini rigs are designed to be used on the smallest of sites. Due to their compact size, these machines can easily fit through gateways and doorways with room to spare, making them the ideal rig for sites with low headroom, confined space, or restricted access. These mini rigs are economical on fuel and are self-erecting, ensuring a quick and simple setup every time. The Cobra rotary machines are fully customisable with features such as; side shift and winch, Scanreco remote control, a variety of mast options and bespoke colours to match your business' branding.

Model variants include: Cobra T8000, Cobra T12000, Cobra T12000SP

Cobra Drop Hammer: The Cobra drop hammers are designed for installing driven piles and their compact design offers effective installation even on the trickiest of sites. Our mini rigs are small enough to fit through doorways and gateways with ease, yet powerful enough to deliver 500kg or 1 tonne weights into your piling project. Available in a range of base unit sizes and mast lengths for different weights and lengths of casing, the drop hammer design is also able to be customised and modified to suit individual requirements and meet a variety of specifications.

Model variants include: Cobra D500, Cobra D1000





Cobra D500 Drophammer Rig

Tight access mini drophammer rig

Key Features

- ★ Restricted Access
- ★ Low Headroom
- ★ Fit through a doorway

Technical Specifications

Engine: Kubota 3 Cyl D1105 18.5 kw @ 3000 rpm

Controls: Onboard Controller

Maximum Diameter Holes: 273 mm

Casings: 273 mm

Drophammer Guide

Emission Sound Pressure: 77.1 dB

Sound Power Level: 85.1 dB

Dimensions

Length: 2908 mm

Minimum Width: 810 mm

Maximum Width: 1656 mm

Maximum Height: 4256 mm

Basic Weight: 1650 kg

Transport Length: 3172 mm

Transport Width: 788 mm

Transport Height: 1877 mm



Telescopic Mast

Hydraulic Mast Tilt: 10°

Hydraulic Mast Extension: 1000 mm

Winch: Pullmaster PL 5

Winch Capacity: Up to 750 KG

Ground Bearing Pressure

Hydraulic Legs: 312 N/m²

Driving: 46 N/m²

Angle Of Forward Inclination: 20°

Angle Of Side Tilt: 15°

Hinowa PT 15 Undercarriage

Tracks: Rubber / Adjustable

Max Speed: 2.2 km/h

Hydraulic Pumps

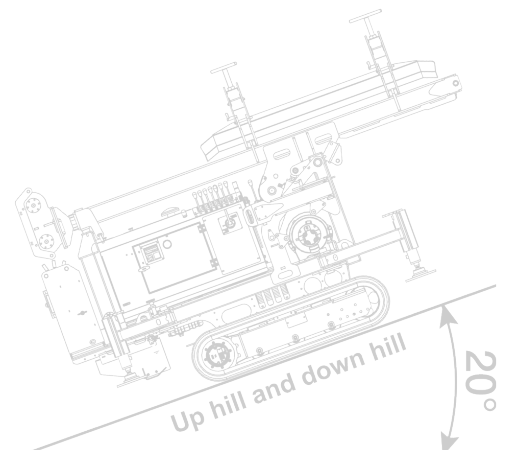
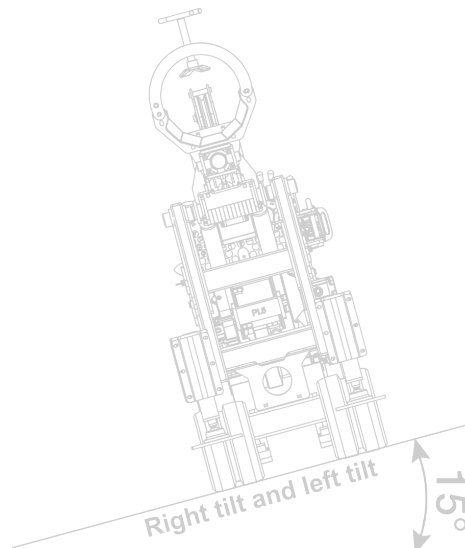
1: 17 ccm @ 50 l/min, 200 Bar

2: 4 ccm @ 12 l/min, 200 Bar

B25 Machine Base

2 Front / 2 Back Hydraulic Stabilisers: Turn-able

Stabiliser Enlargement: 200 mm





Cobra D1000 Drop hammer Rig

Tight access mini compact rig

Key Features

- ★ Restricted Access
- ★ Low Headroom
- ★ Compact

Technical Specifications

Engine: Kubota 4 Cyl V2403 36.5kw @ 2600 rpm

Controls: Onboard Controller

Maximum Diameter Holes: 323 mm

Casings: 323 mm

Tracks: Rubber / Adjustable

Emission Sound Pressure:

Sound Power Level:



Dimensions

Length: 3478 mm

Width: 900 - 2116 mm

Maximum Height: 6121 mm

Basic Weight: 2795 kg

Transport Length: 4439 mm

Transport Width: 962 mm

Transport Height: 2167 mm



Telescopic Mast

Hydraulic Mast Tilt: -5° / $+90^{\circ}$

Hydraulic Mast Extension: 1500mm

Winch: Pullmaster PL5

Winch Capacity: Up to 1250KG

Optional

Remote Control

Custom Paint

Technical Specifications

Hinowa PT20 Undercarriage

Max Speed: 2.2 km/h

B50 Base Machine

2 Front / 2 Back Hydraulic Stabilisers: Turn-able

Hydraulic Pumps

33ccm x 90 l/min 210 bar

6ccm x 16 l/min 210 bar

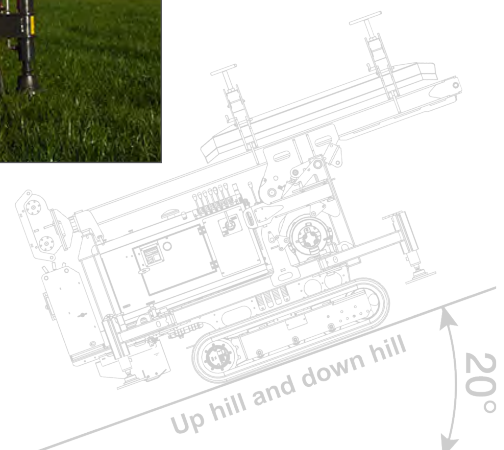
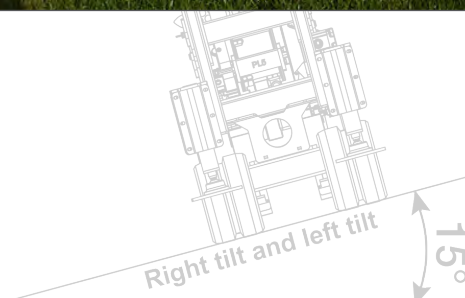
Applications

Restricted Access

Driven Piling

Mini Piling

Steel Casing





Cobra T8000 Rotary Rig

Tight access mini compact rig

Key Features

- ★ Restricted Access
- ★ Low Headroom
- ★ 2.2M Working Height



Technical Specifications

Engine: HATZ Super Silent Tier 4 Final 4h50 55kw @ 2600 rpm

Controls: Swing Out Console

Maximum Diameter Holes: 350 mm

Casings: 340 mm

Tracks: Rubber / Adjustable

Emission Sound Pressure: 77.1 dB

Sound Power Level: 85.1 dB

Year: 2022

Dimensions

Length: 2270 mm

Width: 780 - 1200 mm

Maximum Height: 2350 mm

Basic Weight: 1750 kg

Powerpack Length: 2830 mm

Powerpack Width: 1450 mm

Powerpack Height: 1700 mm

Transport Height: 1700 mm



Technical Specifications

Mast Tilt: 90°

Extraction Force: 4.5T

2 Speed Tracking 3/6km

Fast Tow Power Pack

Options

Remote Control

Custom Paint

Mast Type: Chain / Ram

Side Shift + Aux Winch

Mast Height: Variable

Side Tilt + Stabilisers

Accessories / Capabilities

Clamps

Feed Stroke: 1480mm

Rotary Head: Two Speed - 40rpm / 80rpm

Maximum Torque: 8000Nm Plus

Mast Angle: -5 +90

Hydraulic Hoses: 25m

Ground bearing Pressure: 6PSI

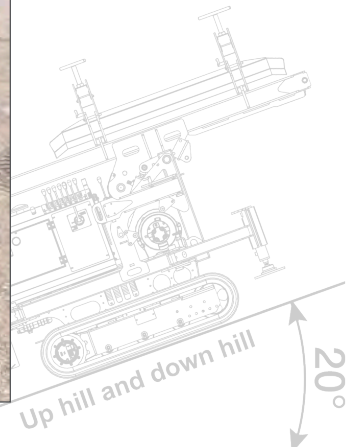
Applications

Restricted Access

Rotary Bored Piling

Mini Piling

Limited Access





Cobra T12000 Rotary Rig

Tight access mini compact rig

Key Features

- ★ Restricted Access
- ★ Low Headroom
- ★ 2.9M Working Height



Technical Specifications

Engine: HATZ Super Silent Tier 4 Final 4h50 55kw @ 2600 rpm

Controls: Swing Out Console

Maximum Diameter Holes: 350 mm

Casings: 340 mm

Tracks: Rubber / Adjustable

Emission Sound Pressure: 77.1 dB

Sound Power Level: 85.1 dB

Year: 2020

Dimensions

Rig Length: 2270 mm

Rig Width: 780 - 1200 mm

Rig Maximum Height: 2900 mm - 2600mm restricted

Rig Basic Weight: 2050 kg / Powerpack Weight: 1200kg

Powerpack Length: 2830 mm

Powerpack Width: 1450 mm

Powerpack Height: 1700 mm

Transport Height: 1730mm

Technical Specifications

Mast Tilt: 90°

Extraction Force: 4.5T

2 Speed Tracking 3/6km

Fast Tow Power Pack

Options

Remote Control

Custom Paint

Mast Type: Chain / Ram

Side Shift + Aux Winch

Mast Height: Variable

Side Tilt + Stabilisers

Accessories / Capabilities

Clamps

Feed Stroke: 1480mm

Rotary Head: 4 Speed - 22rpm / 60rpm

Maximum Torque: 12000Nm Plus

Mast Angle: -5 +90

Hydraulic Hoses: 25m

Ground bearing Pressure: 6PSI

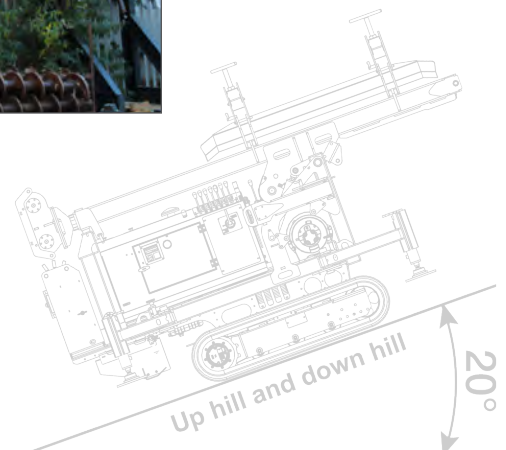
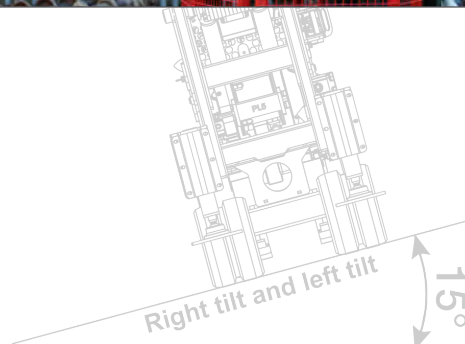
Applications

Restricted Access

Rotary Bored Piling

Mini Piling

Limited Access



Used Machinery

Here at Piling Equipment Ltd, in addition to our range of new machinery we also stock an assortment of used and refurbished piling rigs and foundation drilling equipment. With our diverse range of machinery we can meet a variety of project needs, from CFA and rotary piling, to large diameter and tight access jobs, we guarantee to have something for every project and every job site.

All of our used and refurbished drilling rigs and foundation equipment is available to purchase both internationally and nationally directly from our yard. Our sales team can accommodate a range of delivery or collection options, enabling flexibility to all clients. All used and refurbished machinery and equipment is fully inspected and serviced by our workshop team prior to its' departure. Our workshop team ensure everything is in tip-top condition and perfect working order before arriving to site, ensuring your machine is ready to work straight away.

In certain cases, our workshop team are able to modify machinery to ensure it perfectly suits your individual requirements and project specifications. Whether that's a new paint job or the addition of optional extras, our team have the necessary skills and equipment to transform your purchase. For further information about our modification services, please get in touch with us.

Our product inventory is regularly updated to showcase our latest arrivals. However if you can't find what you are looking for, or are seeking a specific make or model, our team can help assist you further in your search and can source machinery on your behalf. We have a diverse and expansive network of clients situated around the world, which enables us to source specific items with little time constraint. For individual sourcing requirements please contact our sales team.





Colcrete A300

Grout Agitation Tank

Applications

Grout

Bentonite

Technical Specifications

Motor: 400 v / 50 hz

Drive Options Electric: 2 m3/min

Drive Options Air: 1.5 kw

Mixer Capacity: 300 litres

Dimensions

Length: 1140 mm

Width: 1140 mm

Height: 1440mm





O. Cuoghi CHHT 2000

High Tech Turbomixer

Applications

Prepares cement paste in one batch

Technical Specifications

Capacity: 2000 litres

Output: 6 m³

Dimensions With Motor

Length: 3200 mm

Width: 1360 mm

Height: 2400 mm

Dimensions Without Motor

Length: 2290 / 2440 / 2480 mm

Width: 1750 / 1540 / 1620 mm

Height: 2480 / 2130 / 2240 mm





Cat 820

Piston Pump

Applications

Water Pumping

Technical Specifications

Max Flow: 10

Min Pressure: 100

Max Pressure: 1000

Inlet Port Size: 1

Discharge Port Size: 0.75

RPM: 940

Material: Brass (BB)

Triplex uniflow design

Dimensions

641152: L- 850 mm / W- 850 mm / H: 136 mm

641167: L- 980 mm / W- 640 mm / H: 500 mm

641152: L- 600mm / W- 400 mm / H: 640 mm

641152: L- 900 mm / W- 540 mm / H: 540 mm / Kg: 53 Kg

641183

641182



Drilling Equipment

Piling Equipment Ltd specialises in the international sale of foundation drilling equipment and piling accessories. We stock an assortment of new and used equipment, from masts, augers, Kelly bars and adaptors, to smaller items such as buckets, CFA & rotary pins, clamps and gaskets. We have a diverse range of stock available to purchase directly from our UK yard, and guarantee to have something to suit every project and every jobsite.

All our drilling equipment is available to buy both within the UK and internationally. For your convenience and peace of mind, our sales team are able to offer a variety of delivery or collection options. All equipment and piling accessories are fully inspected prior to leaving our workshop to ensure everything arrives to site in tip-top working condition.

In certain cases, our workshop team are able to modify equipment to ensure it perfectly suits your individual requirements and project specifications. Whether that's extending augers or a new paint job, our team have the necessary skills and equipment to transform your purchase. For further information about our modification services, please get in touch with us.

Our product inventory is regularly updated to showcase our latest equipment arrivals. However if you can't find what you are looking for, or you are searching for something specific, our team can help source parts and equipment on your behalf. We have a diverse and expansive network of clients and suppliers, which enables us to source specific items with little time constraint. For individual sourcing requirements please contact our sales team.





Concrete Consumables

CFA Bungs

Rubber: 4" / 5"

Plate 4" / 5" / 5.5"

Spider: 6"

Test Cube

Tests: Concrete / Grout Strength

Materials: Cast Iron

Size: 4" / 5"

Concrete Schute

Concrete shutes available

Length: 1000mm

Width: 500mm

Height: 210mm

Concrete Clamp & Gasket

Connects 2 sections of concrete hose to prevent loss of material.

Size: 4" / 5"

Type: Bolted / Quick Release

Gasket: Rubber



Concrete Hose Bend

Allows concrete delivery to deviate from a straight line

Size: 4" / 5"

Type: 45° / 90°

Material: Cast Iron

Concrete Hose

Steel end placing hose for concrete or grout

Standard 4" rubber concrete hoses

Heavy duty 4" rubber concrete hoses

Standard 5" rubber concrete hoses

Heavy duty 5" rubber concrete hoses

Available in various lengths.

Blowout Sponge Ball

Oversized blowout sponge ball to scour and clean concrete pipe-line after use.

Size: 4" / 5"

Density: Soft / Medium / Hard

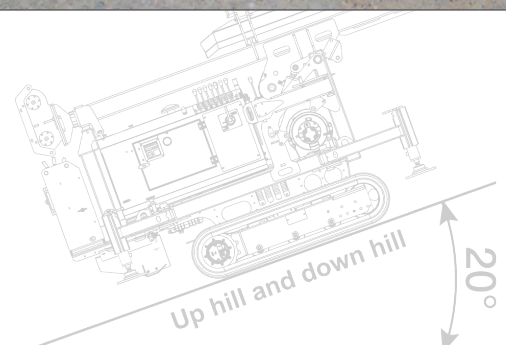
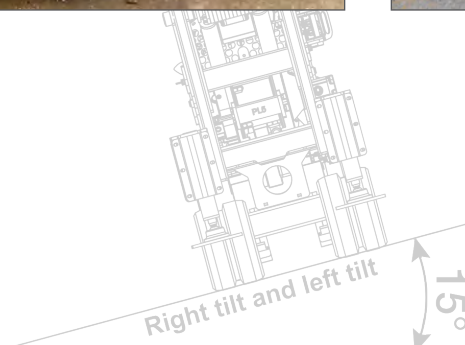
Grout/Concrete Ladle

Suitable for both grout and concrete and reaching to the bottom of the pile.

Height - 198cm

Bowl diameter - 15cm

Bowl height - 6cm





Augers

Displacement Augers

Diameter: 300 - 450 mm

Hex: 170 C

Length: 300 - 350 mm

Soil Mixing Augers

Diameter: 900 - 1200 mm

Hex: 170 -190 C

Length: 1600 - 3200 mm



Rotary Augers

Diameter: 400 - 1500 mm

Hex: 130 - 160 C

For use with Kelly bar

Teeth: Blade / Clay / Aggressive / Semi-Aggressive



CFA Augers

Diameter: 270 - 790 mm

Hex: 120 - 210 C

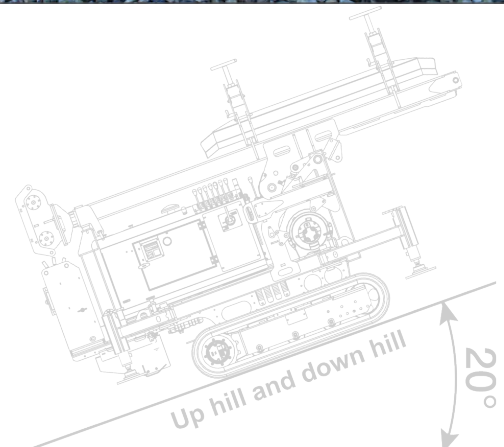
Length: 1500 - 6000 mm

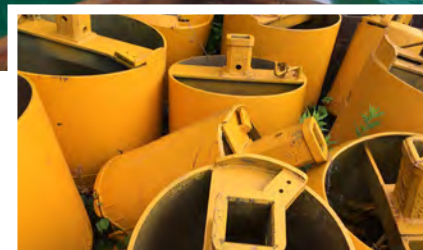
CFA Lead Augers

Diameter: 300 - 580 mm

Hex: 120 - 200 C

Length: 500 - 2100 mm





Buckets

Digging Buckets

Diameter: 420 - 1500 mm

Hex: 130 - 200 C

Cleaning Buckets

Diameter: 400 - 1760 mm

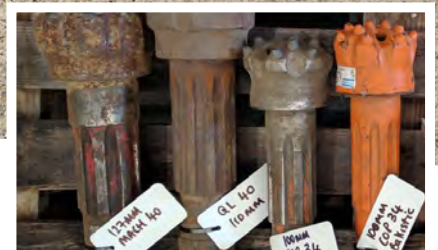
Hex: 130 - 200 C

Core Barrels

Diameter: 450 - 1165 mm

Hex: 130 - 200 C





DTH Hammers and Bits

Rock Roller Bits

QL
 Mach
 COP
 SD
 Diameter: 90 - 250 mm

Rock Roller Bits

TCI
 Milltooth
 Diameter: 4 1/2" - 10 1/2"

DHD Button Bits

DHD 340/350
 DHD 360/380
 Diameter: 90 - 254 mm

DTH Hammer

Hammer: 4" - 10"





Tremie Spares

10" ID / 12" Coupling

16 x 1/2m sections
6 x 1m sections
1 x 2m sections
11 x catcher plate
4 x 10" lifting dolly
6 x hopper for 12" OD / 10" ID

8" ID / 9 1/2" Coupling

1 x 1m sections
1 x 1/2m sections





Tremie Sets

Technical Specifications

8 - 12" tremie sets and accessories

Hoppers / lifting dollies / racks





Casings

Single Wall Casing

Casagrande / Leffer

OD 700 - ID 640

OD 850 - ID 780

OD 1180 - ID 1080

Mini Casing

OD 110 - ID 90

OD 140 - ID 110

OD 180 - ID 150

OD 220 - ID 194

OD 270 - ID 250

OD 340 - ID 320

OD 400 - ID 380

OD 455 - ID 420

OD 508 - ID 475

Double Wall Casing

Casagrande / Leffer

OD 800 - ID 690

OD 800 - ID 720

OD 880 - ID 780

OD 900 - ID 810

OD 1200 - ID 1120



We hope you have enjoyed having a look through our latest catalogue. For further information about any of our products, or to discuss any queries you may have, please contact a member of our team using the details below:

General Enquiries: 01985 219192 / admin@piling-equipment-ltd.com

Hire: 01985 807851 / hire@piling-equipment-ltd.com

Sales: 01985 800367 / sales@piling-equipment-ltd.com

Workshop: 01985 219192 / workshop@piling-equipment-ltd.com

Marketing: 01985 219192 / marketing@piling-equipment-ltd.com

Accounts: 01985 219192 / accounts@piling-equipment-ltd.com

Additionally, to keep up to date with our latest news and insightful industry content, find and follow us on social media today:



Piling Equipment Ltd



@pilinguk



@pilingequipmentltd



Piling Equipment Ltd



Piling Equipment Ltd



Blog

Don't forget, you can also sign up to our newsletter to receive exclusive discounts, industry related news and our latest blog posts delivered straight to your inbox. We promise not to bombard you! To join our mailing list simply head over to our website, or share your preferred email address with us and we can manually subscribe you.