

## **“Drilling solutions for Construction ,Mining & Quarrying Industy”**

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## About Drill Tech International



Drill Tech International is a young and dynamic organization. The Company was established in 2015 based at DWC Business Center Dubai south in Dubai Logistics City and has been supplying a wide range of equipment to the industries of Mining, Foundation Drilling, Water Well Drilling, Exploration Drilling, Construction and Geotechnical Drilling throughout UAE and Internationally.

Drill Tech International has made its mark as a reliable Supplier of high quality equipment's for construction, industrial, mining and quarrying industry with support from well-known brands and OEM partners. It is one of the best suppliers of Quarry and mining equipment's in UAE.



## Mission & Vision

To provide high quality equipment's for construction, mining and quarrying industries with creative approach, within budget and time line. To gain satisfaction of our clients and to be the preferred partner for their most challenging projects

We are committed to providing the highest quality products and services to customers meeting the customer requirements while operating in accordance with the Management System and statutory regulations

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# Core Values



## Safety

A zero-incident culture ensuring everyone arrives home safe every day.



## Our People

Our people are the differentiator through their skill, knowledge and passion.



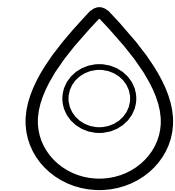
## Integrity

We live by our values and strive to do the right thing.

Core values are the guiding principles that dictate behavior and action in our organization.

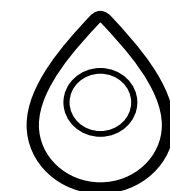
## Accountability

We deliver on our commitments and answer for our actions.



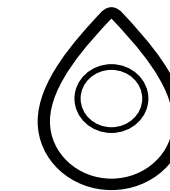
## Our Customers

We deliver services and advice our customers can trust.



## Communication

We don't avoid difficult conversations; openness, fairness and facts guide our communication and decision-making.



## Trust

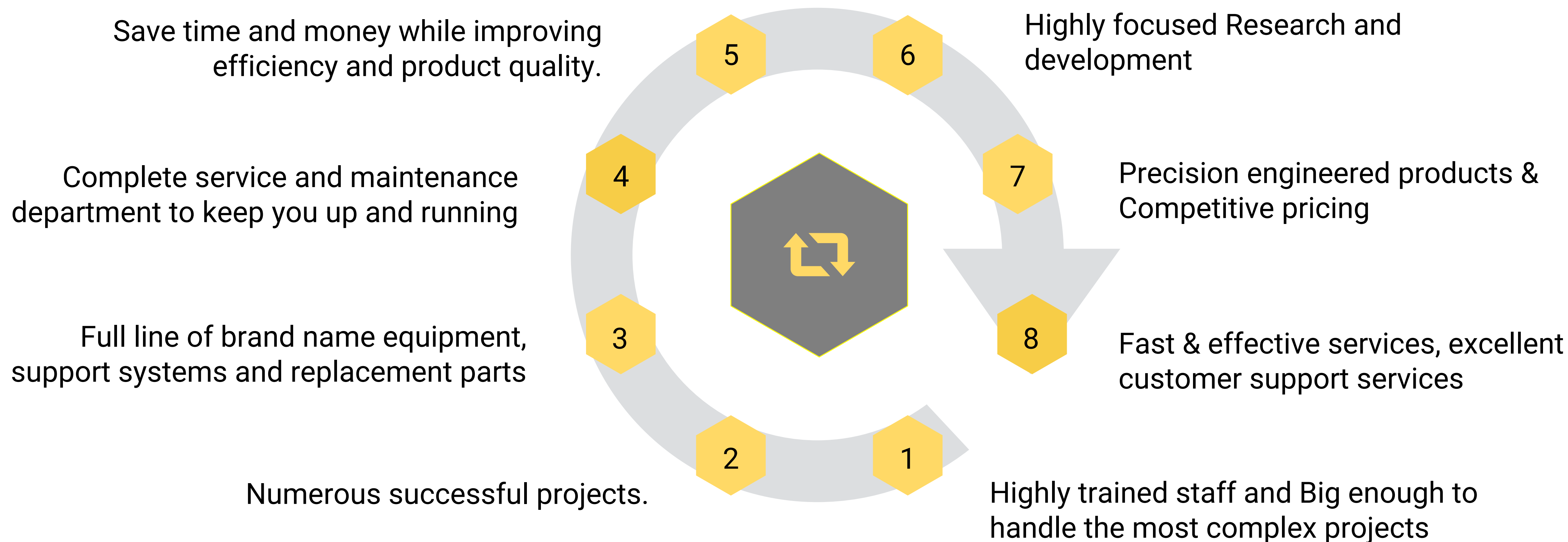
We have confidence in our team to be competent, have character and respect our stakeholders.

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## Why Drill Tech International?

Drill Tech International has a strong record of capability, intelligent growth and for products and services of the highest design, quality and build delivered to schedule.



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## Health, Safety and Environment



We don't compromise our focus on HSE for better business results. Our commitment to safety will minimize the impact on the environment, control risks to our employees, and maintain safe work practices. Our dedication will match our commitment so that each and every Drill Tech International employee takes personal ownership of their own safety and the safety of others.





**Mining**



**Water Well Drilling**



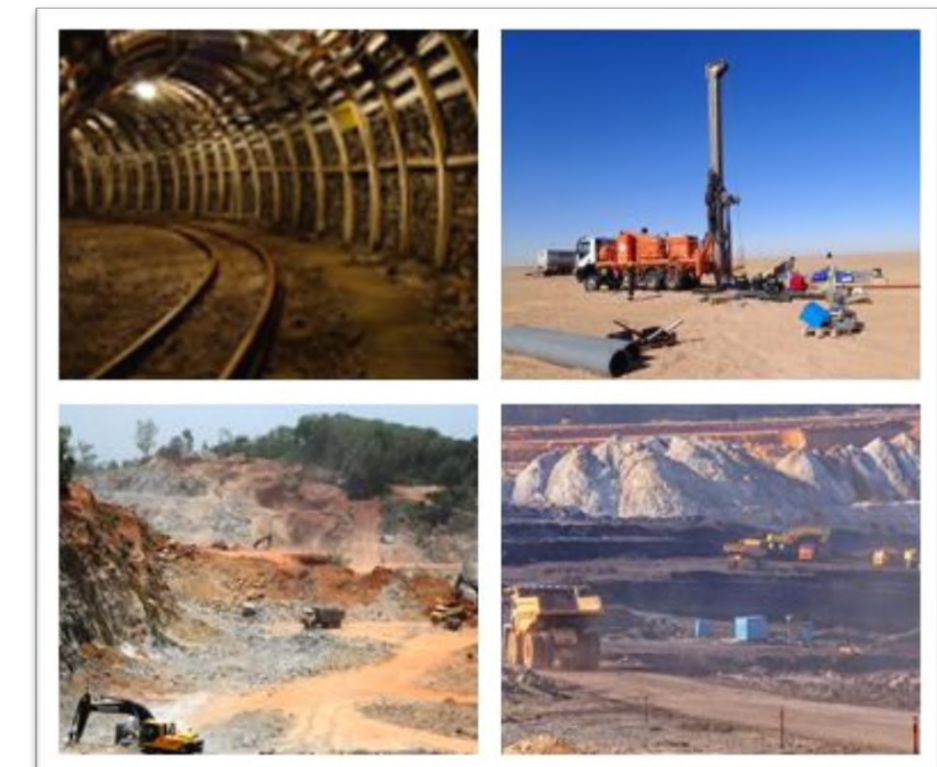
**Geotechnical Drilling**



**Foundation Drilling**



**Exploration Drilling**



**Construction**



# Drill Rigs



WATER WELL RIGS



CORE DRILLING RIGS



SOIL INVESTIGATION/GEOTECHNICAL RIGS



TOP HAMMER



FOUNDATION DRILLING RIGS



ROTARY RIGS

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Drilltech International has been developing percussion rock drilling tools for several years in Japan. Drilltech International is truly a worldwide player and is offering high quality products to the global market. Currently we are supplying over 50 countries and continue to increase the number of sales districts.

Drilltech International products are supplied from highly wear resistant steel and by in house Japanese produced tungsten carbide inserts. These tungsten carbide inserts are designed and produced by experienced engineers using the most advanced computer technology.



A "Down-the-Hole" Hammer is probably the most important component on the drill rig and the DTH & RC system holds many advantages over other alternatives, for instance: Rotary Drilling is fine for large diameter holes in softer more friable rock but less effective in hard rock or where small diameter holes are needed.

Top Hammer (Drifter) drilling systems can produce satisfactory results for short hole drilling in hard homogenous rock conditions but would likely experience difficulty in deep holes and in soft ground with large diameters. The DTH & RC system is by far the most versatile and can be used very successfully in a wide range of ground conditions from soft, through medium to very hard.

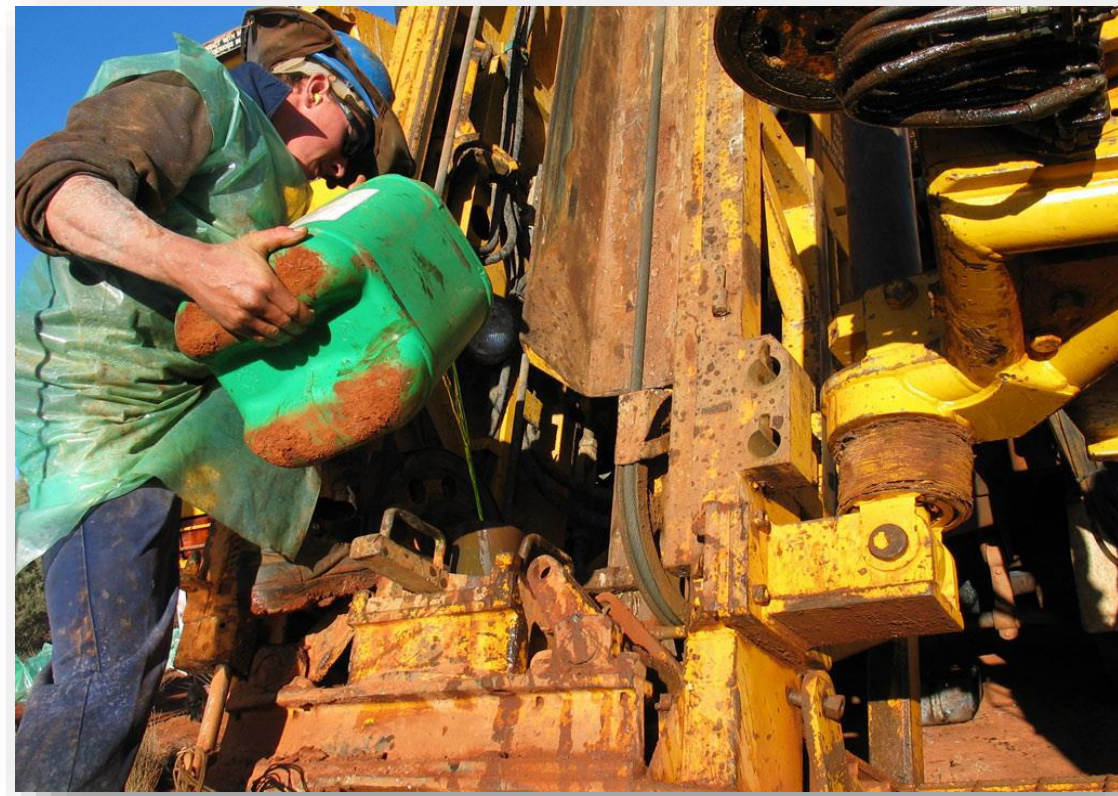




We supply friction welded drill pipes in the range 48-140mm outer diameter. Friction welding is a controlled process that achieves a high strength bond between the tube and tool joints. Larger pipes, over 140mm, are welded with conventional methods. Working together with the leading material suppliers in Europe ensures high quality products. Cold Drawn Seamless tubes ensures high strength, straight pipes with no scale.

Our Tool Joints are made out of micro alloy steel with a hard surface for wear resistance and a tough core for fatigue resistance. Our heat treatment is performed by the leading provider of thermal processing services worldwide, Bodycote.





The drilling-fluid system—commonly known as the "mud system"—is the single component of the well-construction process that remains in contact with the wellbore throughout the entire drilling operation. Drilling-fluid systems are designed and formulated to perform efficiently under expected wellbore conditions. Advances in drilling-fluid technology have made it possible to implement a cost-effective, fit-for-purpose system for each interval in the well-construction process.

Using right grade of lubricants during drilling is extremely important it helps and ensure the tools will live long and perform good Drilltech International staff can assist and train customers on right recommendation for the lubrication system for drilling applications.

## Rotary Products



Drilltech International Advanced Performance (AP) rotary drill bits are supplied using aircraft quality steel and premium carbide grades developed to suit the toughest application. Computerized designs using solid modeling, computerized supplies processes using the latest in CNC equipment and computer process controlled heat treatment ensure consistent, high quality, drill bits. Drilltech International field staff and engineering work directly with our customers to test, report, and analyze, critical performance criteria for each drilling condition. Using this data in cooperation with feedback from the driller and Operations management, Drilltech International Engineering provides a level of customization unique in the industry. Drilltech International recognizes, as all drillers do, that all rock is not created equal.





Successful enterprises expect not only top products from their partners, but also process know-how and a programme of comprehensive support for their individual requirements. Concentrating on the production and supply of top-quality tools alone is no longer sufficient.

Diamonds are the hardest known materials, and are used in a variety of tooling applications, including cutting, drilling and abrasive machining. They have considerable advantages over carbides, which are also used in high-speed machining applications, although diamond tools wear quickly when used on certain steels and can be much more costly than carbide tools.

## Foundation Drilling Products



With simultaneous casing drilling DTH found its way to construction industry, which had a need to find a method to get the casings into complex ground conditions. DTH drilling suits especially well for drilling foundation piles in ground conditions with hard material likes stones, boulders and different types of bed rock. Due to high productivity DTH is also gaining popularity in off shore foundation building.

There are several different types of piles that can be drilled with DTH overburden drilling system:

- End bearing piles with left in casing
- Friction piles with retrieved casings
- Vertical and battered piles
- From small diameter micro piles up to 1,5 meter casings!



## OEM Spare parts

We offer wide range of OEM and alternative parts under the direct supervision of highly qualified technical experts. Our technicians keep a keen eye on every stage of quality checking Process and Thoroughly Check the parts for any defects before dispatching to clients. All our efforts are directed to provide our customers with a satisfying range of earth moving Machinery parts. We are also involved in various machinery parts sourcing and exports based on customers' demand.



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# Services/Trainings

## Bridging the skills gap:

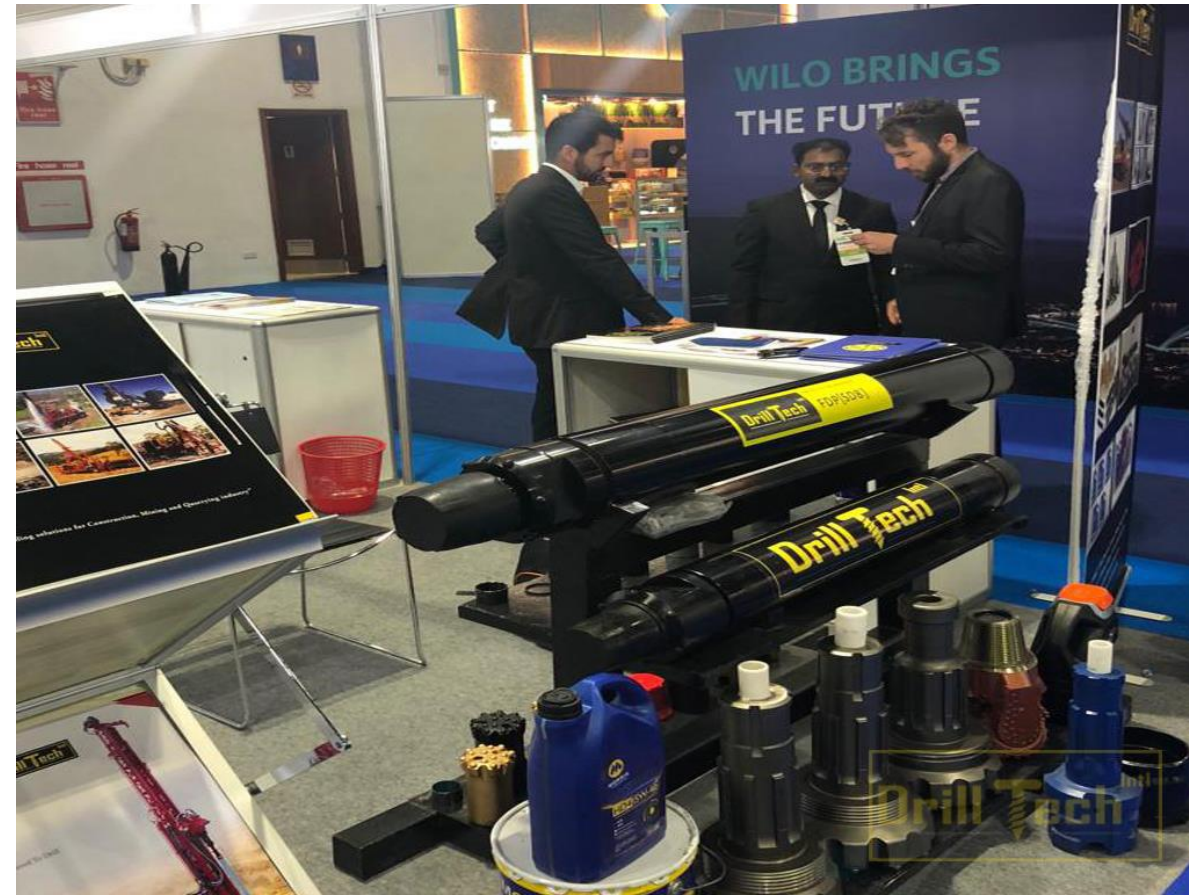
- All drilling methods
- Classroom
- Seminar
- On site support
- Health and Safety
- Geology for drillers/Drilling for geologists
- Rig Modification and Audits
- Assessment of project requirements
- Evaluation of drilling method and tooling selection
- Task specific bespoke equipment
- Cost comparisons



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# Exhibitions



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# Thanks

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