



# Foundation Drilling Equipment

Sales & Rentals

801-214-6126

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[www.rocequipment.com](http://www.rocequipment.com)





# About Us

ROC Equipment was the first rental company in the deep foundation drilling industry with the mission of providing the high-quality machines and tools that a driller needs to construct a solid foundation. Our focus remains the same, selling and renting foundation drilling equipment and tooling at a reasonable cost.



With an extensive product line that includes casing oscillators, reverse circulation drill rigs, casing rotators, cranes, drill rigs, temporary & permanent casing, tremie pipe, structural steel, tooling, and parts, we can support all your drilling needs.

# Our Capabilities

Our superior line of foundation drilling equipment is engineered for a wide variety of project applications and is built to drill in all soil conditions, even the most difficult.

That's why clients, across multiple industries including foundations, infrastructure, and utilities, have elected to work with ROC Equipment.

Clients also choose to work with ROC because we have a trusted reputation in the industry and are known for our outstanding service and support.

We set ourselves apart by having a transparent and fair process in all our business practices. We promise that every transaction is guided by the principles of honesty and integrity.



**Bridges**



**Railroads**



**Railways**



**Highways**



**Foundations**



**Stabilization**



**Utilities**



**Water Systems**



# Casing Oscillators



**Unlike traditional methods, oscillators use rotational force to bore into the earth**

- Designed for challenging ground conditions such as:
  - Caving soils and loose sands
  - Cobbles and boulders
- Allows for drilling in close proximity to existing structures

**Oscillators offer unique benefits**

- Precision drilling with state-of-the-art control systems
- Ground stability due to simultaneous drilling and casing installation
- Cuts through obstructions and dense strata more efficiently
- Drill in sensitive areas; does not rely on hammering or vibration to install casing

3 Types, 15 Models

Casing Diameter: 610mm - 4.2M

Complete Drill Spreads

Crane Mount or Heavy Duty

Oscillating Torque: 451-2619 ton.m

Reducing Adaptors, up to 500mm

# Reverse Circulation Drill Rigs



**Reverse Circulation Drilling utilizes a rotating bit and high-pressure air**

- Advances large-diameter borings in formations ranging from unconsolidated geology to hard and fractured rock
- Non-invasive process that preserves sensitive ecology

**The best solution for dealing with:**

- Large diameters holes (more than 750mm)
- Deep depth (more than 20m)
- Hard rock drilling (up to 350 MPa)
- Bore piling in marine conditions

7 Models

2 Sizes of Drill Pipes

Drill Rod Pipe Stabilizer

Drilling Diameter 1500-5000mm

3 Types Roll Cutters

Complete Drill Spreads

# Casing Rotators



## Designed to install casing with greater torque and efficiency

- Rotates a full 360 degrees, self-leveling
- Self-traveling capability with optional crawler tracks and power pack deck
- Cuts through hard soil conditions and obstructions
- Advances casing into slanted rock, rock layers, or large boulders
- Great for installing casing in lines, such as bridge piers, secant walls and buttress piles

## Utilized for more than installing casing

- Removing existing concrete piles
- Cutting through concrete in secant piling

6 Models

Torque 2125 - 8250 kn.m + Boost

Crawler Tracks

Casing Diameter 800 - 4000mm

Rotation Speed 0 - 2.65 rpm

Special Accessories

# Heavy Duty Crawler Cranes



## Duty cycle crawler cranes are critical machines for deep foundation work

- Available for rent and purchase
- Capable of repetitive motion for grab work during shaft excavation
- Oscillator mounting brackets
- Wide range of mechanical and hydraulic attachments available including:
  - Dragline buckets
  - Grabs
  - Diaphragm wall grabs
  - Pile drivers
  - Dynamic ground compactors

Contact a ROC Representative for details on project application and full list of available cranes.

# Drilling Rigs



## Drilling Rigs for variety of applications and methodologies

- Available for rent or purchase
- Small to large diameter drilled shafts
- Casing driver operation capability
- Mounting bracket for casing oscillator placement and extraction of permanent and temporary casing
- Interchangeable Continuous Flight Auger capability

Contact a ROC Representative for details on project application and full list of available drill rigs.

# Casing, Steel, and Tremie



## Temporary (Segmental) Casing

- Single wall and double wall casing tubes
- Multiple diameters available from 610mm to 3.6M
- Joints, shoes, and shoe bits

## Permanent Pipe

- Domestic and international manufacturers
- Custom built per project requirements

## Structural Steel

- Rebar & other reinforcement products
- Custom plate fabrication

## Tremie

- We offer 5", 8", 10" and 12" diameter pipe.

Standard Dia. 610 - 3600mm

Single & Double Wall

Joints, Shoes, Clamps

Accommodate Custom Sizes

Domestic & International

Steel Plates & Beams



# Tooling & Spare Parts

Same-day shipping on most parts!



## Tooling

Large selection of support tooling for rent or purchase including: Grabs & Chisels, Tremie Pipe, Racks, Hopper, & Suspension Platform, Casing Driver, Clamps, Teeth, Joints, Oscillator Reduction Inserts, Augers, Core Barrels, Cleanout Buckets, and more.

## Spare Parts

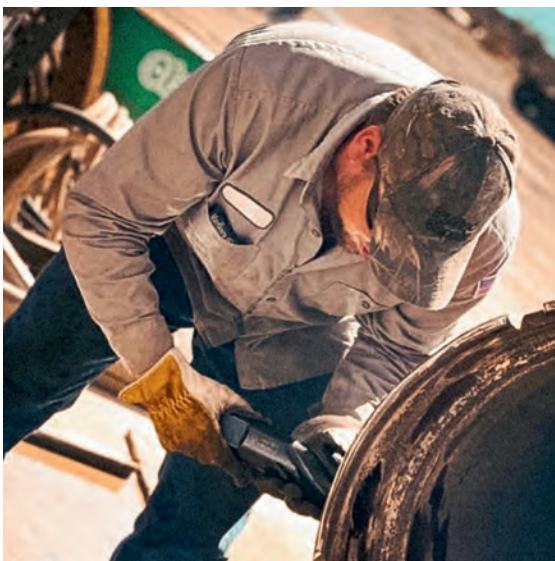
We can get you back up and running in no time.

**Large inventory in stock in USA.**

**Same-day shipping available for most parts!**

Our inventory includes routine parts such as: bolts, cables, electronic components, gauges, pressure lines, and sensors.

# Service



## Maintenance & Repairs

Our service team is available to talk you through maintenance and repairs. We also can provide in-person service. Technicians on-call 24/7 to answer questions. They can travel quickly to perform on-site service.

## Training & Consulting

Experienced drillers on staff to help clients determine the right equipment for the job. We offer custom training, online or in-person.

## Financing

We can help you manage capital with access to a variety of financing options including RPO. We also offer equipment and tooling rental on short & long-term basis.

Our technicians are on-call 24/7. On-site service available.

# Equipment in Action

ROC had the unique opportunity to work with the television series *"The Curse of Oak Island."* The show, featured on The History Channel, chronicles a team of treasure hunters searching for the legendary treasure believed to be buried on Oak Island, located off the shore of Nova Scotia.

Episodes and behind the scenes photos are posted on our website. We can't wait to see what happens next season!



## Contact Us

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