

# WATER WELL DRILLING



## Concave Bits

IR340, SD5, M60, QL50, QL60  
4-1/2" - 10"

New and Rerun

This is the most common face style used in the market today. The dish type face gives excellent penetration in medium and hard rock formations, while maintaining a straight hole. This face has excellent air flushing characteristics. Concave is the predominate face style for the majority of drilling conditions.



## Kavex Bits

QL60, SD6  
6-1/4" - 6-1/8"

New

This face is a combination of convex / concave. It is recommended for abrasive formations in the hard rock and very hard rock range where other bit faces wear quickly. The kavex is designed to provide improved cleaning of cuttings thus reducing body wear. The concave center helps drill a straight hole.



## Slotted Mud Screens

Schedule 40 PVC 1/2" - 8"

Schedule 80 PVC 1/2" - 6"

Superior flow performance and a large collection of slot configurations, flush threaded and PVC wire screens available.



## 22" Steel Tooth Rotary Bit

New

Resistant to abrasion, erosion, and impact, with balanced geometry and strength. The high-pressure lubricant is completely perfected and all surfaces run true for ultimate durability.



## TCI Sealed Journal Bearing Bits

6-1/8"-6-1/4"

New and Rerun

Resistant to abrasion, erosion, and impact, with balanced geometry and strength. The high-pressure lubricant is completely perfected and all surfaces run true for ultimate durability.



## Submersible Deep Well Pumps

By AY McDonald

5 GPM - 80 GPM Series

A.Y. McDonald offers a full line of 4 in. submersibles ranging from 1 through 10 horsepower, with flow rates ranging from 35 through 80 GPM. Our 24000 high flow submersibles offer peak capacity performance in 35, 40, 55, 60, and 80 GPM models. All 4 in. submersibles are supplied with grounded leads meeting the National Electrical Code (N.E.C.) specifications.



## One Shot Plus

By Matex  
A dry polymer mixture blended with environmentally safe lubricants, also known as DSPA (Dry Suspended Polyacrylamide). Add to water to create a drilling fluid designed to reduce the difficulties of drilling unconsolidated formations such as sands and gravels. It is a unique DSPA providing a drilling fluid capable of stabilizing the most difficult sand and gravel conditions.



## RDO 350 ES

By Matex  
RDO 302 ES is a unique product developed for all types of drilling where rock drill oils are used, such as D.T.H., air tracks, percussive drills, casing drivers, and top hammers. RDO 302 ES provides a more effective way of lubricating D.T.H.'s and avoids contaminating the water well or the groundwater. Drillers should have no trouble accepting product, particularly with consumer's heightened awareness of environmental issues.



## Torqueless

By Matex  
The ULTIMATE rotary and diamond drilling product for in hole torque reduction. Protecting against rod wear, preventing rust and polymer build up while extending all tool life. Torqueless enhances both bit-life and penetration rates during drilling operations. It is based on environmentally safe technology which has proven to be effective in lubricating down-hole consumables for more than 15 years.



## Kopr-Kote Water Well

By Jet-Lube  
The premier waterwell and HDD drilling compound in the market and has been for more than 3 decades. It is an unleaded compound containing copper flake, graphite, and other natural extreme pressure and anti-wear additives. Kopr\_kote offers the greatest protection in the most severe drilling situations such as higher speeds, higher penetration rates, long horizontal holes, or harder formations.



## Super Gel-X

By Cetco  
SUPER GEL-X is an easy mixing, high viscosity 200 bbl yield freshwater drilling fluid produced from the highest grade Wyoming sodium bentonite. SUPER GEL-X is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.



## Foamer ES

By Matex  
Foamer ES is an environmentally acceptable foaming agent to be used in mineral exploration, oil and gas exploration and water well drilling operations. It has an excellent half-life comparable to the leading foams on the market and gives immediate tight foam (compact bubbles) with good lifting characteristics.



## Accu-Vis

By Cetco  
ACCU-VIS is a liquid copolymer designed for fast field mixing, viscosity building, and clay/shale stabilization in aqueous drilling fluids. ACCUVIS is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.



## DD 2000

By Matex  
An environmentally safe dry powdered polymer. DD 2000 is mixed with Torqueless and water to create a very high viscosity drilling fluid used for removal of cuttings and continuous borehole wall conditioning. DD 2000 combined with Torqueless enhances your core recovery and penetration rates.

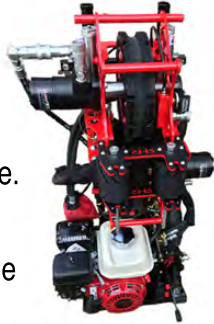




## PumpTrax Well Pump Puller

By RHR Products

PumpTrax is quickly becoming a staple in the water well industry. Hoist trucks are vital to the work load of the water well industry. However some job settings don't allow or time wise don't make sense to use. PumpTrax is a jobsite problem solver. This portable, easy-to-use unit comes equipped with a Honda GX160 Gas Engine and lists and grips more weight than any other portable pump puller on the market.



## 1994 T3W Drilling Rig

By Atlas Copco

1994 Atlas Copco T3W on Ford L9000 Chassis with 3176 CAT engine with 13 speed Eaton transmission 9,106 miles on odometer (may be incorrect.) CAT 3406C deck engine has 7,000 hrs since rebuild. 25 gpm water pump, 825/350 Air Compressor has 4,300 hrs since rebuild. 8,000 lb rotary head, 7 rod carousel, rod box, hammer oiler, 18,000 lb single line winch. New tires. Rig was thoroughly reconditioned by Atlas Copco in 2015 and has only been used a few hours since then.



## DTH Hammers

By Rock Hog Drilling Products

3" - 12"  
Rock Hog's new line of high performance "HP" DTH hammers were introduced in early 2010. They have been tested in a variety of drilling applications around the world and have continually proven to be the industry leader. This hammer is a valveless pneumatic percussive DTH hammer for drilling in all rock formations. All external parts are hardened to resist wear while all critical internal parts are also hardened for maximum service life.



## Crossover Subs

Custom

Made from premium quality alloy steel bars. Bores are trepanned to sized that result in proper balance for the selected rotary shouldered connection. Concentricity and axial alignment of the connections to the drill steel are held to close machine tolerance. Wrench slots or flats are milled to suit the requirements of the drill.



## Drill Pipe

By Brand

3-1/2" - 4-1/2"



