



Drilling - Overview

With more than 30 years of operating experience, Drilling specializes in high altitude directional drilling while leaving a small footprint on drilling site. We have the capacity to drill up to 23,000 ft. Drilling offers our customers a wide range of rigs for all types of exploration activities.

We offer the most efficient drilling services and speedy rig moves. Drilling has the capacity to drill all types of wells; Oil, Natural Gas and Geo-Thermal, with the maximum depth of 25,000 ft. We have down-hole experts and tools to satisfy any and all directional needs for the operator.

We offer streamline drilling services all while delivering well cost savings to our customers via constant improvements in drilling efficiency and safety. We believe that our success is based on our efforts to apply new technology, ideas and processes in order to deliver high quality products to our customers.

Drilling Rigs

Rig	Capacity	Drwrk's Power	Pressure Rating	Pump Power	Static Hook Load Setback Capacity	Top Drive	Rig Loads (Includes Tubulars)
11 T	3600m	Sup 700 12V2000	5000 PSI	2 x F-1000 HP	151,300 daN 115,000 daN	250 Ton Tesco	26 Summer 27 Winter
12 TE	3800m	Sup 700 GE 752	5000 PSI	2 x F-1000 HP	154,545 daN 115,000 daN	N/A	25 Summer 26 Winter
14 T	3200m	Dreco D500 60 Series	5000 PSI	2 x F-1000 HP	124,500 daN 115,000 daN	150 Ton FDS	23 Summer 24 Winter
15 TD	2400m	Lee 400 60 Series	3000 PSI	2 x 800 HP	125,000 daN 78,000 daN	150 Ton FDS	15 Summer 16 Winter

16 D	2600m	TSM 6000 QSX-15	3000 PSI	1 x 800 HP	111,125 daN 89,000 daN	N/A	20 Summer 21 Winter
17 D	2800m	Nat 370 3406 E	3000 PSI	2 x 800 HP	128,555 daN 111,000 daN	N/A	20 Summer 21 Winter
18 T	3800m	Steel Craft 850 2-60 Series	5000 PSI	2x F-1000 HP	155,680 daN 111,000 daN	250 Ton JH Electric	25 Summer 26 Winter
19 TD	2000m	Steel Craft 450 2-60 Series	3000 PSI	1 x 800 HP	112,225 daN 89,000 daN	N/A	15 Summer 16 Winter
20 UE	4500m	Sup 750UE GE 752	5000 PSI	2 x 1300 HP	178,300 daN 140,000 daN	350 Ton JH Electric	29 Summer 30 Winter

Below is a summary of our rigs with their respective specifications:

#	Name	Type	Depth	HP	Pumps
1	GTS603A	Mechanical	11,000	1000	F-1300
2	GTS603B	Mechanical	11,000	1000	F-1300
3	GTS603C	Mechanical	11,000	1000	F-1300
4	GTS603D	Mechanical	11,000	1000	F-1300
5	GTS604A	Electric(VFD)	24,000	2000	F-1600
6	GTS604B	Mechanical	24,000	2000	F-1600
7	GTS605	Mechanical	9,500	750	F-1300
8	GTS606	Electric(VFD)	16,000	1300	F-1300

GTS605

750hp rig with a 112' X 300,000# MAST and two 1300hp mud pumps.

- Drilling Depth 9,500 ft.
- Hookload 300,000 lbs.
- Mud Pumps F1300 x 2
- Engines CAT 3406
- Rotary table 17 ½ inchs.
- Derrick 112 ft.
- Mud Tanks Vol. 880 barrels

GTS603

1000hp rig with a 118' X 400,000# MAST and two 1300hp mud pumps.

- Drilling Depth 11,000 ft.
- Hookload 400,000 lbs.
- Mud Pumps F1300 x 2
- Engines CAT 3408C
- Rotary table 27 ½ inchs.
- Derrick 118 ft.
- Mud Tanks Vol. 1000 barrels

GTS606

1300hp rig with a 141' X 500,000# MAST and two 1300hp mud pumps.

- Drilling Depth 13,000ft.
- Hookload 500,000 lbs.
- Mud Pumps F1300 x 2
- Engines CAT 3512 (761kW)
- Rotary table 27 ½ inchs.
- Derrick 141ft
- Mud Tanks Vol. 880 barrels

GTS604

2000hp rig with a 150' X 1,000,000# MAST and three 1600hp mud pumps.

- Drilling Depth 24,000 ft.
- Hookload 1,000,000 lbs.
- Top-Drive
- Mud Pumps F1600 x 3
- Engines CAT 3512C
- Rotary table 37 ½ inchs.
- Derrick 150 ft.
- Mud Tanks Vol. 1640 barrels

Coil Tubing

Coiled Tubing Units are efficient, versatile, and capable of delivering virtually any coiled tubing operation at shallow, medium and deep depths. Each self-contained unit can be rigged-up quickly, thereby reducing time on location. Replaceable work reels provide the ability to utilize multiple tubing sizes and lengths in minimal time and permit travel during road bans. All Conventional units are equipped with real-time data acquisition and tubing fatigue analysis software, enabling clients to observe actual rates, pressures, and remaining tubing life.

Coil Tubing

Applications:

- Clean-up and removal of fracturing and produced sand, scale, and wax
- Cement and stimulation fluid placement
- Milling and under-reaming operations
- Velocity string installment, steel and composite
- Placement and retrieval of production plugs, packers, and retainers
- Logging and perforating with E-line strings
- Casing and tubing scrapers, junk baskets, and gauge rings

Pumping Services

Pumping and Pressures Units are efficient, versatile, and deliver support to coil tubing operations. Units are equipped with real-time data acquisition and analysis software, enabling clients to observe actual rates, pressures.

Applications:

- Acidizing
- Fracturing services
- Matrix stimulation
- Well Control
- Coil tubing services

Power Plants - Overview

Power Plants division is a global full service gas turbine repair and overhaul facility that is committed to cost effective methodology while maintaining the highest standards in quality and assurance. We customize orders and services, including new and refurbished gas turbines and power plant equipment, parts-supply contracts, and a range of services from design engineering to installation and set-up.

With 30 years of experience, we have evolved into an international one stop gas turbine and power plant service company. We have mastered the art of providing fast and reliable maintenance, repair, and engineering services to its customers. Our reputation in the industry is the reason we have received many projects from Fortune 500 companies. Our specialized knowledge, reliable resources, and experience allows for us to quickly understand your needs, provide innovative solutions and execute projects with success from EPC to long term operations and maintenance.

Centrifuge

Our Centrifuges division offers Sales, Maintenance, Parts, Start up, Consultation to the users of all brands of centrifuges and decanters.

We have a large inventory of used and refurbished ALFA LAVAL centrifuges and decanters.

Our full service maintenance Department has the compliment of our large inventory of parts department. All overhaul services are backed with limited warranty. Our refurbished centrifuges carry a minimum of 6 months limited warranty against parts and labor. Please contact us for details of our limited warranties.

We specialize in fuel-oil treatment, waste-oil recycling, bio-diesel separation, Fish Oil and Fish Meal Plants, hydraulic-oil clean-up and/or any other liquid/liquid/solid separation application.

Please contact us for all types of separation needs and requirements

- Sale of used and refurbished centrifuges and Decanters
- Full Service Shop for Repairs and Overhauling of all brands of centrifuges and decanters.
- Parts Department with large Inventory of Parts for all Models of Alfa Laval Centrifuges. we also carry a limited inventory of parts for Westphalia Centrifuges.
- Design and Fabrication of skid mounted fuel Treatment systems, Waste oil Recycling, Bio diesel, and other skid mounted centrifuges and decanters.
- Design and build control panels in all NEMA ratings
- Consultations for oil recovery and recycle plants

Consulting - Overview

We offer industry-leading consulting worldwide to Oil & Gas, Geological, Drilling & gas turbine/power plant owners and operators. We know that each situation is unique; whether you are starting a new project, or plan to take an existing one to the next level, our highly skilled consultants are available to evaluate your current situation and offer you the best analysis and plan customized for you. We also offer consultation in specified areas in relation to the gas turbine/power plant industry. Listed below are some specified areas:

- Schedule Reviews
- Contract Reviews
- Parts Supply Reviews
- Design Reviews
- Vendor Inspections
- Project Management Plans
- Technical Direction
- Project Recommendations

We believe that each challenge is meant to be overcome, please contact us to help you achieve those goals.

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Specializing in geological & drilling wellsite supervision

