

GTD GT25

GEOHERMAL & WATER WELL DRILL RIG



GTD GT25 DRILL RIG

The GT series are proven for their high productivity in Geothermal and Waterwell drilling in both domestic and commercial use.

The GT25 model can drill beyond 650 feet (200m) using mud, air, and hammer drilling methods.

Arguably the rig's most defining feature is the rod rack and loading system, it's the most robust, reliable, and safe rod handling system on the market.

SPECIFICATION

DIMENSIONS & WEIGHT

- ▶ Length 32ft 4" (9.9m)
- ▶ Width 7ft 4" (2.3m)
- ▶ Height 9ft 9" (3m)
- ▶ Weight 32,000 lbs (14.5 ton) without rods

DRILL PIPE & CASING

- ▶ 3½" (88.9mm) x 15ft (4.5m)
- ▶ 40 rod capacity - 600ft (180m)
- ▶ Max diameter 12½" (320mm)

ENGINE

- ▶ Doosan DL06 Tier 4
- ▶ 190 HP
- ▶ Typical engine speed - 1600rpm

GT Series rigs are known for their record-breaking productivity because they come with huge specifications as standard.

GTD STANDARD FEATURES

- ▶ Sliding Drill Head
- ▶ Swivel & Floating Spindle Sub
- ▶ Height adjustable working table +6ft / -3ft (+2m / -1m)
- ▶ Double Clamps - One rotating
- ▶ Choice of Hydraulic Centralizing Rollers or Hydraulic Sliding Rod Wrench
- ▶ Hydraulic Breakout Chain Wrench
- ▶ Auxiliary Hydraulic Ports and Controls
- ▶ Main Winch - (65ft / 11,000 lbs x ½")
- ▶ Water Injection Mist Pump 30 gpm @ 500 psi (114lpm @ 35bar)
- ▶ DTH Lube Pump
- ▶ Rod Rack & Rod Loader

ROTARY DRILL HEAD

- ▶ Variable 2-speed/torque with 2.4" (60mm) thru-hole
- ▶ 0-100rpm @ 6195 lb-ft (@1600 engine rpm)
- ▶ 0-200rpm @ 3097 lb-ft (@1600 engine rpm)

DERRICK & FEED SYSTEM

- ▶ 18ft (5.5m) top head stroke
- ▶ 24,250 lbs (11 ton) pull-back
- ▶ 13,200 lbs (6 ton) push-down

CRAWLER (TRACK) BASE

- ▶ Doosan Solar 55
- ▶ Steel with rubber pads
- ▶ Wireless remote travel

"THE RIG HAS SLASHED OUR FUEL COSTS & MASSIVELY INCREASED PRODUCTIVITY!"

QC GEOTHERMAL, (USA)

"IT'S A MEGA RIG - IT DOES EXACTLY WHAT IT SAYS ON THE TIN"

ACE DRILLING SERVICES (UK)

"GTD EQUIPMENT HAVE ENABLED US TO SET NEW STANDARDS IN PRODUCTIVITY NEVER ACHIEVABLE BEFORE!"

GEOTECH BV (HOLLAND)

"THE RIG MAKES LIGHT WORK OF THE CHANGING & CHALLENGING GEOLOGY"

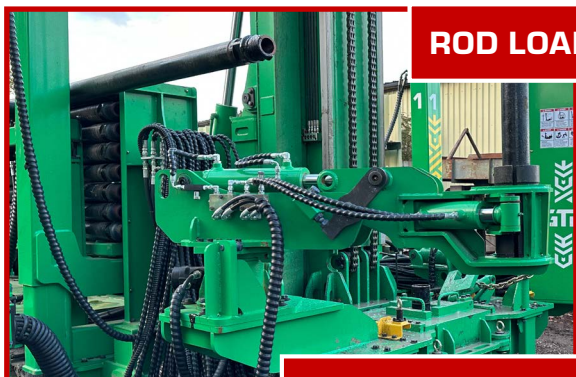
SYNERGIE FORAGE (FRANCE)

OPTIONS (AT ADDITIONAL COST)

Mud Pump Options:

- 2 x Caprari Centrifugal Pumps: Single-stage - 220psi (15bar)
- Caprari Centrifugal Pumps: 1 x Multi-stage - 305psi (21bar) 1 x Single-stage - 220psi (15bar)
- 1x Heavy duty Centrifugal Pump: 4x3x13 with chromoly internals
- Triplex Piston Pump: 211gpm @ 580psi (800lpm @ 40bar)
- Custom Color
- Safety Cage
- Rods 3½" (88.9mm) OD x 15ft (4.5m)

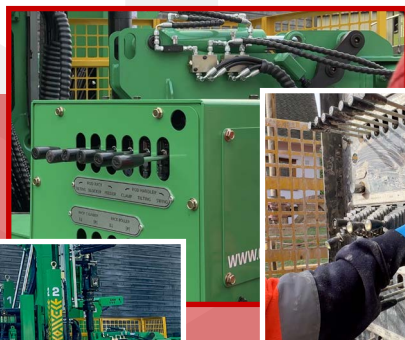
GTD GT25 DRILL RIG



ROD LOADER



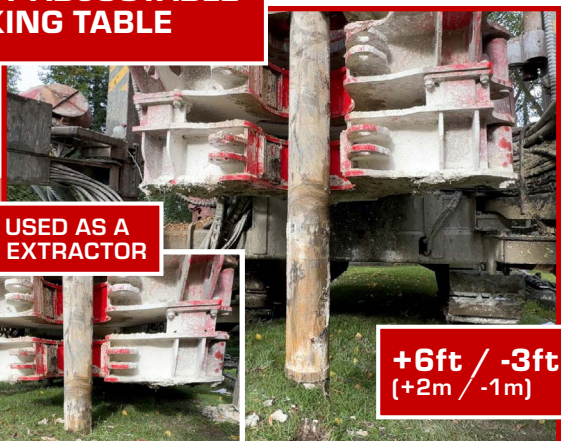
ROD RACK SYSTEM



OPERATED BY THE LEAD DRILLER, SECOND MAN OR BOTH ON DUAL CONTROLS



HEIGHT ADJUSTABLE WORKING TABLE

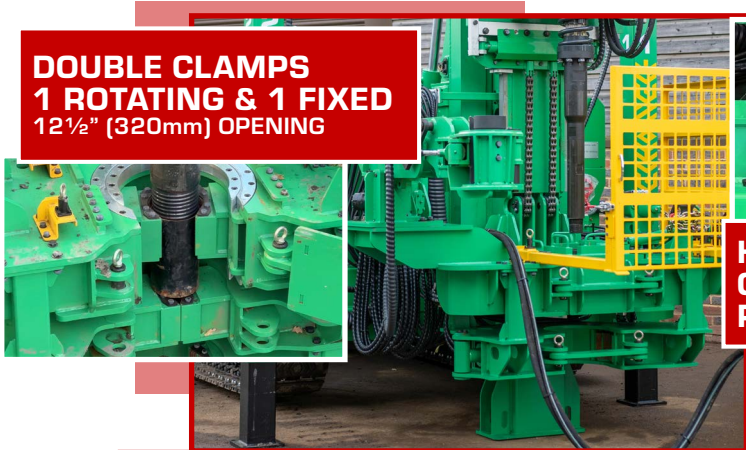


CAN BE USED AS A CASING EXTRACTOR

**+6ft / -3ft
(+2m / -1m)**



SLIDING HEAD



**DOUBLE CLAMPS
1 ROTATING & 1 FIXED
12 1/2" (320mm) OPENING**



HYDRAULIC CENTRALIZING ROLLERS



HYDRAULIC CHAIN WRENCH

HYDRAULIC SLIDING ROD WRENCH



STEEL TRACKS WITH RUBBER PADS



REMOTE CONTROL



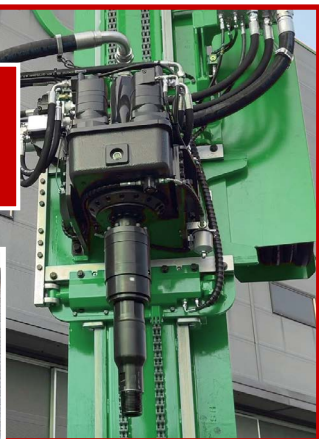
ANGLED DRILLING



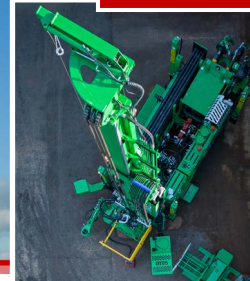
4 x HYDRAULIC LEGS TO LIFT & LEVEL THE RIG

GTD GT25 DRILL RIG

**ADJUSTABLE
HIGH / LOW
ROTATION & TORQUE**



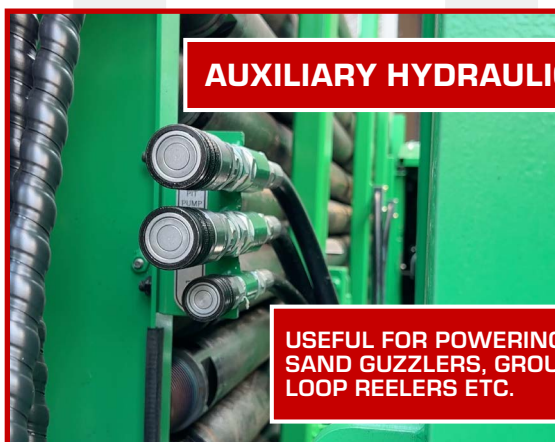
**MAIN WINCH
ROTATING 90°
AND EXTENDS**



SAFETY CAGE



AUXILIARY HYDRAULICS



**USEFUL FOR POWERING
SAND GUZZLERS, GROUTERS,
LOOP REELERS ETC.**

**TRIPLEX MIST PUMP
FOR AIR DRILLING &
PRESSURE WASHER**



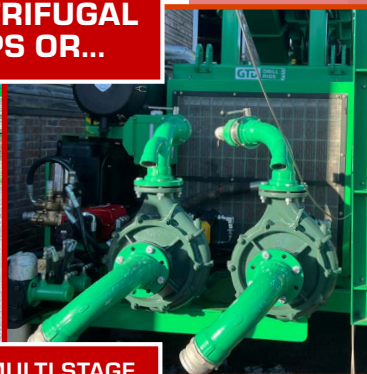
...4x3x13 CENTRIFUGAL



**CONFIGURED FOR
DUAL CENTRIFUGAL
MUD PUMPS OR...**



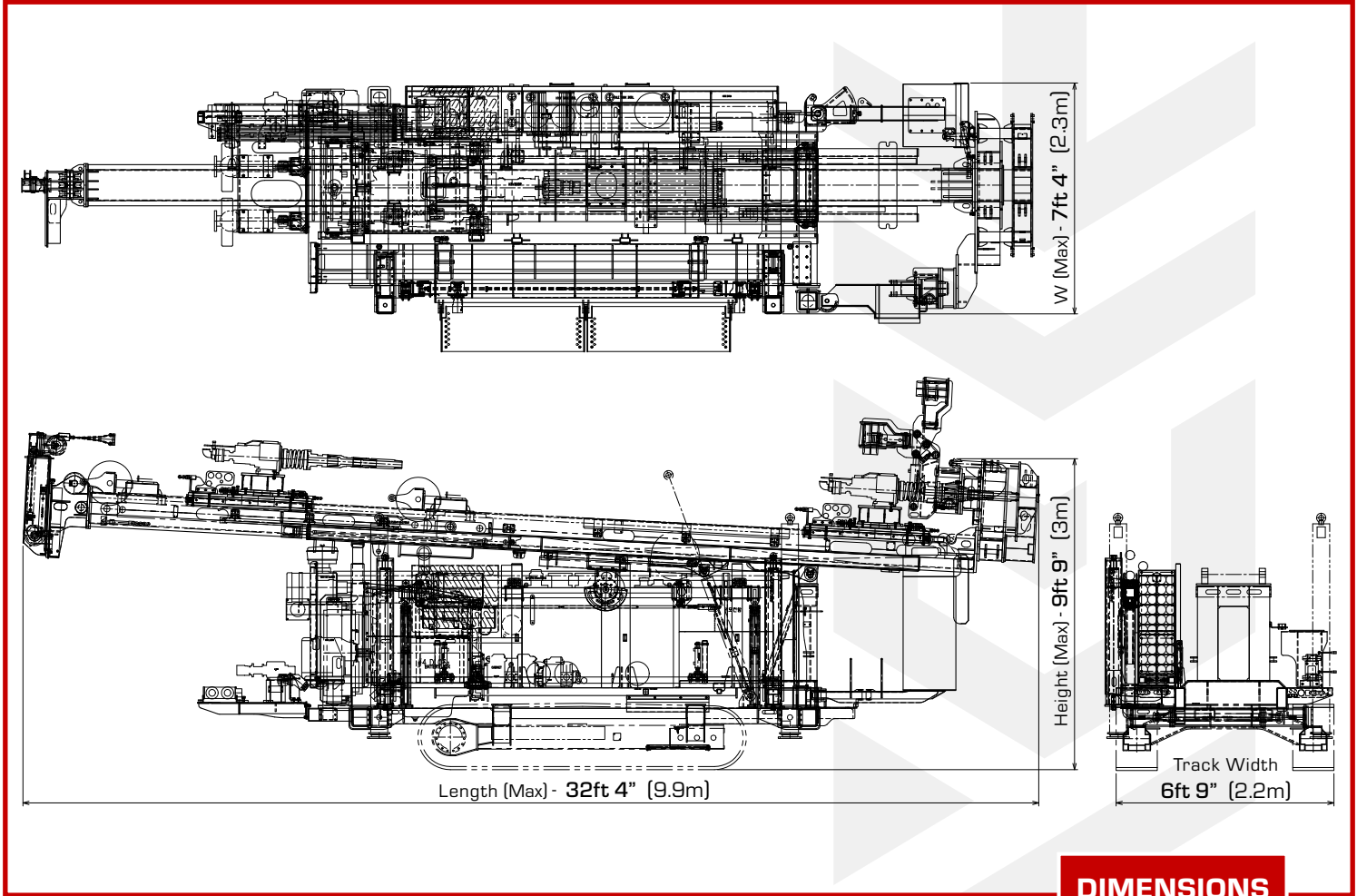
SINGLE OR MULTI STAGE



**...HIGH PRESSURE
PISTON PUMP**



GTD GT25 DRILL RIG



DIMENSIONS

NOTE: THE MEASUREMENTS ABOVE ARE THE BASE DIMENSIONS WHICH MAY BE SUBJECT TO VARIATION DEPENDENT ON FINAL DESIGN SPECIFICATIONS.

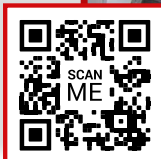
SCAN TO WATCH A GTD RIG BREAKING RECORDS



574 FT
[175M]
**BOREHOLE
DRILLED
IN 54 MINS**

***DON'T BASE YOUR
DECISION ON SPECS
ALONE, COME & SEE
THE RIG IN ACTION...**

**GET IN TOUCH AT
INFO@GTD-DRILLING.COM**



13,550 FT
[4,130M]
DRILLED, LOOPS INSTALLED & GROUTED
**IN ONE WEEK
WITH ONE RIG**

SCAN TO WATCH AN INTERNATIONAL GTD CUSTOMER BREAKING RECORDS IN HOLLAND