



## **TITAN HD**

Track Mounted Diamond Core Drill

**MULTI▶POWER**



## FEATURES

**260 HP QSB6.7  
Cummins Diesel**

**Cat 312L steel track  
undercarriage**

**Over 37,000 lbs Pullback**

**Heavy duty mast design**



# Titan HD - Track Mounted Diamond Core Drill

# SPECIFICATIONS

## DEPTH CAPACITIES: Based on max pullback & a 25% safety factor

N	5390 ft / 1643 m
H	3675 ft / 1148 m
P	2415 ft / 736 m

## PRIME MOVER

Standard unit	Cummins Q5B6.7, 6.7 L, 6 cylinder, turbo charged diesel engine
Power:	260 HP @ 2200 RPM

## TRACK PACKAGE

Model:	Cat 312L steel undercarriage
Design:	Hyd. driven piston motors, spring brake, 2 speed
Speed (High/Low):	3.39 mph / 2.27 mph
Drawbar Pull (High/Low)	15,895 lbf / 24,655 lbf
Stabilizers:	(4) Hydraulic leveling cylinders
Remote control:	Radio remote for track drive w/ manual control valves

## ROTATION UNIT

Standard unit	XP drill head w/ Christensen chuck
Maximum opening:	4-5/8" (P size)
RPM:	1400 RPM
Torque:	6869 ft lbs
Chuck:	40,000 lbs capacity
Hydraulic motor:	Rexroth 160cc variable speed/torque piston motor
Gear ratios:	6.27:1, 3.12:1, 1.75:1, & 1:1
Chuck option:	Nitrogen gas springs for increased hold capacity

## FOOTCLAMP

Standard unit	Christensen hydraulic open/spring closed
Maximum opening:	4-5/8" (P size)
Capacity:	40,000 lbs.
Clamp option:	Nitrogen gas springs for increased hold capacity

## SECONDARY FOOTCLAMP

Standard unit	Cylinder & jaw style
Maximum opening:	6" (P casing)
Capacity:	40,000 lbs.

## WATER PUMP

Standard unit	W1122B-CD (435) piston pump
Capacity:	50 GPM @ 1000 PSI

## MAST AND FEED

Feed stroke:	132"
Pullback:	37,700 lbs.
Pulldown:	16,490 lbs
Drill angle:	45 to 90 degree
Tower:	10 ft or 20 ft rod pull capacity (telescoping)
Mast dump:	48"

## WINCH

Wireline winch	Hydraulic motor & chain drive
Capacity:	6600 ft of 1/4" cable
Level wind:	Standard

## HOIST

Hoisting winch:	Pullmaster M25
Hoisting force:	25,000 lbs.
Capacity:	75 ft of 18mm cable
Hoist motor:	2 speed, piston

## HYDRAULIC SYSTEM

Controls:	Fully hydraulic, no electronics
Rod handling:	Synchronized chuck & footclamp w/ manual chuck/clamp control
System pressure:	4000 PSI
Filtration:	10 micron
Components:	Sauer Danfoss, Valvol, Rexroth & Parker
Heat exchanger:	Air:oil heat exchanger
Temp rating:	Rated for operation in 50 degree Celsius ambient

## INCLUDED COMPONENTS

Rod guard w/ rotation shut down
Mud mixer c/w whip lines
4000 ft of W/L cable
Working lights

## WEIGHT 30,000 LBS

## OPTIONS

Second water pump assembly
Rod handler
Diesel driven supply pump
Mud tanks
French/Spanish labels & manual



Diamond Core



Seismic



Air Rotary



Specialty & Multi-Purpose

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