



TITAN
Diamond Core Drill

MULTI▶POWER



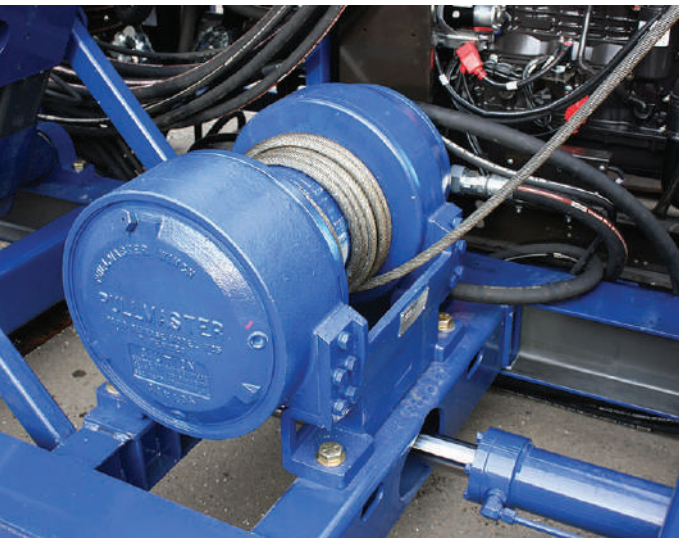
FEATURES

Heavy duty design

260 HP QSB6.7 Cummins Diesel

25,000 lbs. Hoist

Available Track Mount



Titan - Diamond Core Drill

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 QSB6.7, 6.7 L, 6 cylinder, turbo charged diesel engine
Power:	260 HP @ 2200 RPM

ROTATION UNIT

Standard unit	XP drill head w/ Christensen chuck
Maximum opening:	4-5/8" (P size)
RPM:	1400 RPM
Torque:	6385 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

FOOTCLAMP

Standard unit	Christensen hydraulic open/spring closed
Maximum opening:	4-5/8" (P size)
Capacity:	40,000 lbs.

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

WATER PUMP

Standard unit	W1122B-CD (435) piston pump
Capacity:	37 GPM @ 1000 PSI

WINCH

Wireline winch	Hydraulic motor direct drive
Capacity:	5000 ft of 3/16" cable
Level wind:	Standard

HOIST

Hoisting winch:	Pullmaster M25
Hoisting force:	25,000 lbs.
Capacity:	75 ft of 18mm cable

HYDRAULIC SYSTEM

Controls:	Fully hydraulic, no electronics
Rod handling:	Synchronized chuck & footclamp w/ additional chuck control
System pressure:	4000 PSI
Filtration:	10 micron
Components:	Sauer Danfoss, Valvol, Rexroth & Parker
Heat exchanger:	Water:oil
Optional:	Air:oil heat exchanger

INCLUDED COMPONENTS

Mud mixer c/w whip lines
4000 ft of W/L cable
1 set of rod and casing jaws/bushings

WEIGHT 11,640 LBS

OPTIONS

Tracked carrier
Skid w/ stabilizer cylinders
Diesel driven supply pump
Enclosed drill shack
Mud tank
French/Spanish labels & manual

SPECIFICATIONS



Diamond Core



Seismic



Air Rotary



**Specialty &
Multi-Purpose**

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