



**DRILLS FOR THE HOLE WORLD**



# DEREX 1340-14X DR DRILLING RIG

FOR WATER WELL, GEOTHERMAL AND RC EXPLORATION

# FEATURES AND SPECIFICATIONS

## Truck

Acela Monterra 6x6  
No Emission Controls  
330HP Caterpillar 7.2L Turbo-Charged Diesel Engine  
Full-Time All-Wheel Drive  
Allison Automatic 7-Speed Transmission  
U.S. Army "Ultra-Reliable" Certification  
22" Ground Clearance

## Deck Motor

Cummins 6.7 litre 300 HP tier 4

## Hydraulic System

Bosch Rexroth plus gear pump

## Top Head

Variable torque and RPM with 2" thru-hole  
0-125 rpm @ 3,500 lbf

## Lower drive

Variable torque and RPM with 10" thru-hole  
0-23 rpm @ 20,000 lbf

## Diverter

Simple seal design with 4" NPT discharge  
to control cuttings.

## Derrick & Feed System

13' top head stroke  
40,000 lbs pullback  
20,000 lbs pulldown  
100 FPM

**Derrick slide/ dump**  
4' Derrick slide for angles up to 45°

## Main Winch

Manual jib  
2,500 lb.  
Remote on helpers side for winch

## Control Panel

Straight hydraulic controls (no electrics to fail)  
Marine grade electric switches (for lights)  
Murphy engine monitor display  
Twin platforms

## Levelling Jacks

Four 36" stroke independently controlled

## Night Lights

6 LED night lights

## Tool Boxes

30"x 18" x 18"

## Overall Dimensions

Length: 24'11"  
Width: 8' 6"  
Derrick up height: 24' 6" - 28' 6" with Derrick slide  
Derrick down height: 11'

## Water Injection

9 gpm FMC injection pump

## Gross Weight

28,000 -30,000lbs

# OPTIONS

## Sand Line Winch

1,500' sand line

## Mud Pump

3x2x13 centrifugal 300 gpm/300 psi  
Centerline piston 150 gpm/600 psi

## Air Compressor

Vanair/ Sullair 600 cfm / 250 psi @ 1,800  
rpm and 733 cfm / 150 psi @ 2,200 rpm.

## Line Oiler

Many oilers available

## Water Injection

18 gpm FMC injection pump

- Drill pipe packages  
- Wire feeder and box  
- Hydraulic or gas welders



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