

# RD10+ exploration drill



Our new Atlas Copco RD10+ is designed to efficiently complete the most challenging dual wall reverse circulation vertical or angled drilling tasks. The RD10+ drilling rig is a year 2008 model and carries on our tradition of offering the safest and newest equipment available to the drilling industry.



## rigspecs

### Specifications

100,000 lbs. pullback  
10,000 ft.-lb. rotary head torque @ 0-100 rpm  
Ingersoll-Rand HR 2.5 1250 cfm/350 psi on-board air compressor  
Powered by a Cummins QSK-19 engine @ 755 hp

### Derrick

0-45 degree dump angle derrick  
Double cut 3 in x 2 in lattice  
Reinforced with T1 steel in sheave clevises, table, and pinning bar for derrick slide  
Large diameter Nylatron crown sheaves  
Maintenance-free bearings in all feed sheaves  
Compatible with up to 7 in x 20 ft dual wall pipe  
Compatible with 25 ft T4W drill pipe

### Rotary Head

2 motor, spur gear rotary head  
10,000 ft.-lb torque at 0-100 rpm  
3 in (76.2 mm) opening through spindle  
High strength, one-piece, replaceable liner through spindle  
1,500 psi swivel and air piping



### Derrick – Table

20 in opening in closed position  
Retractable  
Swings open to allow easy access to table with tools, casing, and drill pipe  
Constructed of high strength T1 steel  
Stabilization jacks ensure that drill remains centralized over hole

### Derrick - Feed System

Pullback: 100,000 lb  
Pulldown: 30,000 lb  
Drill feed rates  
Fast feed up: 111 ft/min  
Feed down: 180 ft/min  
Twin cylinder cable feed system  
Two 6 in (165 mm) bore x 3.25 in rod x 166 in stroke  
26mm 8x36 compacted strand parallel cable  
Upper feed cables are pre-stretched and have a 150,000 lb minimum breaking strength  
Upper feed cables strongest cable available in its size

### Carrier

Custom 6x4 chassis  
Caterpillar C13 380 hp engine @ 1,800 rpm and 1,350 ft.-lb peak torque  
76,000 lb GVWR

[wdcexploration.com](http://wdcexploration.com)

\*Text courtesy of Atlas Copco