Mise à jour du site Web de Drillcorp Sahara

OUR EQUIPMENTS

Drill rig (reverse circulation and rotary) x 14

Rig 40 l Drill Rig on tyres truck EDM 2000

Rig 41 l Drill Rig on tyres truck EDM 2000

Rig 42 l Drill Rig on tracks EDM 1200

Rig 43 l Drill Rig on tyres truck Schramm T685

Rig 44 l Drill Rig on tyres truck Schramm T685

Rig 45 l Drill Rig on tracks EDM 1200

Drill rig (Blast Drill) x 2

Rig 61 l Atlas Copco Roc L8

Rig 62 l Atlas Copco Roc L8

Drill rig (Coring) x 5

[www.drillcorp-sahara.com](http://www.drillcorp-sahara.com)

1. **Our Equipments**

Drill rig (reverse circulation and rotary) x 14

RIG 40 EDM2000 **mounted on Mercedes Actros Truck equipped with Rod Handler**

EDM 2000 High Capacity – Reverse Circulation is a heavy duty drill rig

* Drilling angle of 45° to 90°
* Travel speedt 0 to 80 Km/h
* Compressor SULLAIR 1150 CFM @ 500 PSI
* DETROIT- MERCEDES engine MTU2000 760HP @1,800 rpm
* Cooling system VEE ALLIED PACK HEAT 55°
* Pumps & motors hydraulic DANFOSS
* Mud pump FMCw1122BCD (160 l/mn)
* Rotational speed 0 – 150 RPM
* Torque 11 031 NM
* Pull down 15 878 Kg
* Pull back 33 884 Kg

Construction year : 2011

RIG 41 EDM2000 **mounted on Mercedes Actros Truck equipped with Rod Handler**

EDM 2000 High Capacity – Reverse Circulation is a heavy duty drill rig

* Drilling angle of 45° to 90°
* Travel speedt 0 to 80 Km/h
* Compressor SULLAIR 1150 CFM @ 500 PSI
* DETROIT- MERCEDES engine MTU2000 760HP @1,800 rpm
* Cooling system VEE ALLIED PACK HEAT 55°
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* Mud pump FMCw1122BCD (160 l/mn)
* Rotational speed 0 – 150 RPM
* Torque 11 031 NM
* Pull down 15 878 Kg
* Pull back 33 884 Kg

Construction year : 2011

RIG 42 EDM1200 **track mounted with Caroussel rods divisor**

* Pull Down : 17.500 Lbf
* Pull Out : 33.000 Lbf
* Heavy Duty section mast structure capable of angles from vertical to 45 degree 2000 mm mast dump
* Rotation Head Top head Drive
* Hollow spindle ID: 70mm – 31/2 API IF pin thread 8000 Lbft (Max. Break out torque) 5 – 150 rpm
* On board air Sullair compressor with Airdrill Clutch 1350 cfm@500 psi
* Engine DDC/MTU 12V2000 850HP@1800 rpm
* V-Pack cooler pack 55 degree ambient

Construction year : 2011

**RIG 43 Schramm T685 mounted on MAN 8X8 Truck equipped with rod handler**

High capacity single reduction top head drive rotation and efficient pipe handling systems make the T685WS  ideal for the toughest drilling projects in the water well, shallow oil and gas, environmental, mineral exploration and surface mining fields, using down-the-hole hammer, air rotary, mud rotary and dual tube techniques.

* Up to 93,700 lb (43,502 kg) pullup
* 28 inch (711 mm) table opening
* 760 hp (567 kw) deck engine
* On-board air compressor to 1350 cfm @ 350 psi & 1150 @ 500 psi (38 cu m/min @ 24.1 bar & 32.6 cu m/min @ 35.5 bar)
* Hydraulic mud pumps

Construction year : 2012

**RIG 44 Schramm T685 mounted on MAN 8X8 Truck equipped with rod handler**

High capacity single reduction top head drive rotation and efficient pipe handling systems make the T685WS  ideal for the toughest drilling projects in the water well, shallow oil and gas, environmental, mineral exploration and surface mining fields, using down-the-hole hammer, air rotary, mud rotary and dual tube techniques.

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* On-board air compressor to 1350 cfm @ 350 psi & 1150 @ 500 psi (38 cu m/min @ 24.1 bar & 32.6 cu m/min @ 35.5 bar)
* Hydraulic mud pumps

Construction year : 2012

RIG 45 EDM1200 **track mounted with Caroussel rods divisor**

* Pull Down : 17.500 Lbf
* Pull Out : 33.000 Lbf
* Heavy Duty section mast structure capable of angles from vertical to 45 degree 2000 mm mast dump
* Rotation Head Top head Drive
* Hollow spindle ID: 70mm – 31/2 API IF pin thread 8000 Lbft (Max. Break out torque) 5 – 150 rpm
* On board air Sullair compressor with Airdrill Clutch 1350 cfm@500 psi
* Engine DDC/MTU 12V2000 850HP@1800 rpm
* V-Pack cooler pack 55 degree ambient

Construction year : 2012

RIG 61 Atlas Copco Roc L8

* Hole Depth, max. 54 m 177 ft
* **Compressor**: Atlas Copco, screw type
* Working pressure max. 25 bar 363 psi, FAD 405 l/s 858 cfm
* **Engine**: Caterpillar, water-cooled, diesel engine, CAT 3196 ATAAC

Rating at 2000 rpm 317 kW 431 HP

* **Fuel tank :** Total capacity 775 l
* **Feed**

Feed length, total 11 250 mm 37´

Travel length 8 100 mm 26´7"

Feed extension 1 300 mm 4´3"

Feed rate, max. 0.92 m/s 180 ft/min

Feed force, max. 40 kN 8 950 lbf

* **Tramming**

Tramming speed, max. 3.4 km/h 2.1 mph

Traction force 110 kN 24 729 lbf

Hill climbing ability 20°

Track oscillation ±10/8°

Ground clearance 405 mm 16"

Hydraulic Rotation unit DHR 48H-68

* **Rotation speed** 30-80 r/min
* **Torque**, max. 6 200 Nm 4 550 lbf/ft

Construction year : 2010

RIG 62 Atlas Copco Roc L8

* Hole Depth, max. 54 m 177 ft
* **Compressor**: Atlas Copco, screw type
* Working pressure max. 25 bar 363 psi, FAD 405 l/s 858 cfm
* **Engine**: Caterpillar, water-cooled, diesel engine, CAT 3196 ATAAC

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Track oscillation ±10/8°

Ground clearance 405 mm 16"

Hydraulic Rotation unit DHR 48H-68

* **Rotation speed** 30-80 r/min
* **Torque**, max. 6 200 Nm 4 550 lbf/ft

Construction year : 2009

## Our references

* http://www.drillcorp-sahara.com/uploads/tx_templavoila/mauritanie.gif

### Mauritania

* + Sphere Investments/ Xstrata Iron Ore | 350.000 meters
  + Kinross - Tasiast | 960.000 meters
  + SNIM & Sphere Investments | 40.000m
  + Rio Tinto | 15.000m
  + TransAfrika | 14.000m
  + Wadi El Rawda | 7.000m

## Key figures

### More than ****1,000,000 meters**** drilled during 3 years

More than 800.000 meters drilled in Mauritania during 3 years (2010-2012).

[Our references](http://www.drillcorp-sahara.com/our-references.html)

### 14 RC, 5 Diamond and 2 Blast rigs.

14 RC, 4 Diamond and 2 Blast rigs accompanied with all the auxiliary equipments (compressors, boosters) and logistics (support trucks, all terrain vehicles, cranes, etc.) associated.

[Our equipments](http://www.drillcorp-sahara.com/our-equipments.html)

### Service supplier for the three world mining

Service supplier for the two world mining sector leaders: BHP Billiton, Xstrata Iron Ore and Kinross.