



HORIZONTAL DIRECTIONAL DRILLING (HDD) RIGS



Fenog uses state of the art HDD equipment in all its HDD operations and Fenog's staff are trained in using HDD technology. Currently, Fenog owns seven (7) HDD rigs.

- PD 500/170 RP 1
- PD 350/150 RP 1
- PD 250/90 RP 3
- PD 250/120 RP (swamp rig) 1
- PD 150/70 RP 1

HIGHLIGHT

Fenog set a record in Africa when the company attained 1.7km of HDD to a depth of 40metres, during the Escravos River Crossing Project. Horizontal Directional Drilling installation method was utilized to install a 24" pipeline across a 1.7km Escravos river. This ensured that the Escravos River stayed open to traffic whereas the pipeline installation using conventional open cut method would have impaired traffic on the river for approximately 9 months.

We have subsequently also completed HDD drill lengths of over 2.5km in the Amukpe-Escravos pipeline project.



PD 500/170 RP

Specifications:

Pull force: 1,124,000 lbs (5000kN)
Torque: 125,400 lbs.ft (170kNm)
Power: 1,200 Hp (880 Kw)
Weight: 92,500 lbs (65t)



PD 350/150 RP

Specifications:

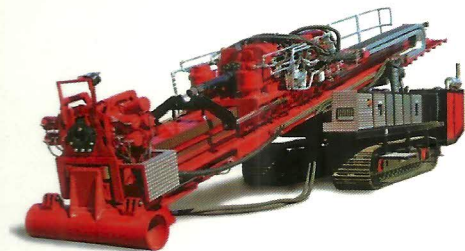
Pull force: 786,831 lbs (3500kN)
Torque: 110,600 lbs.ft (150kNm)
Power: 764 Hp (570 Kw)
Weight: 138,891 lbs (63t)



PD 250/90 RP

Specifications:

Pull force: 552,000 lbs (2500kN)
Torque: 66,400 lbs.ft (90kNm)
Power: 650 Hp (480 Kw)
Weight: 70,548 lbs (32t)



PD 250/120 RP (SWAMP RIG)

Specifications:

Pull force: 552,000 lbs (2500kN)
Torque: 88,500 lbs.ft (120kNm)
Power: 650 Hp (480 Kw)
Weight: 70,548 lbs (32t)



PD 150/70 RP

Specifications:

Pull force: 337,213 lbs (1500kN)
Torque: 51,600 lbs.ft (70kNm)
Power: 443 Hp (330 Kw)
Weight: 63,934 lbs (29t)

