

## **FDP-28 HORIZONTAL DIRECTIONAL DRILLING RIG**

### **Introduction:**

The FDP-28 directional drilling rig is driven with full hydraulic system, propelled with its own crawlers. The rig has a reasonable structure with easy operation and high efficiency. And the rig could get on and off standard trailer on its own and it is quick and convenient for transportation and allocation. With low center of gravity, the rig is durable and reliable and in good stability with graceful structure.



The Main Machine	
Power of Engine	132KW(177HP)@2200r/min
Max. Push capacity	280KN (62944 lbf)
Max. Pull capacity	280KN (62944 lbf)
Rated Torque	10000 N·M(7370 lbf·ft)
Hollow Spindle RPM	Lower 0-56r/min
	High 0-112r/min
Feeding Stroke	3300 mm(130 inch)
Diameter of Guide Hole	Φ130 mm(5.12 inch)

Drilling Angle	0°—20°
Pressure of hydraulic system	20Mpa(2901 psi)
Traveling speed	2-2.6 km/h(6560-8528 feet/h)
Structural Style	integrated with rubber crawler and mud pump
Dimension (L×W×H)	5700×2100×2000 mm(225×83×79 inch)
Weight	8200 kg(18080 lb)
<b>Mud Pump</b>	
Specification	BW-250
Max. Discharge	250 L/min(66US Gallons/min)
Peak Pressure	10 Mpa(1450 psi)
<b>Mud Process System</b>	
Data of engine	4KW(5.4HP) petrol engine
Pump parameter	KGP30, 30 M3/h (1059 feet3/h)
Mud processing capacity	6 M3/h (212 feet3/h)
Mud Tank	2M3 (71 feet3/h)
<b>Drilling Tools and Auxiliary System</b>	
Specification of Rod	Φ73×3000 mm(Φ2.87×118 inch)
Guide Bit	Φ130 mm(5.12 inch)
Reamer	Φ325,Φ400,Φ500,Φ600,Φ720mm (Φ12.8,Φ15.7,Φ19.7,Φ23.6,Φ28.3 inch)



LIANYUNGANG HUANGHAI MACHINERY CO., LTD

Distributor	40T(88200 lb)
Tracker	Optional Part