

FDP-32 HORIZONTAL DIRECTIONAL DRILLING RIG



Description:

The FDP-32 is a full Hydraulic Directional Drilling Rig self-propelled with rubber crawler belts, with advanced and compact structure, and with high efficiency, low oil temperature. All main hydraulic components are selected and adopted from famous-brand products as auxiliary equipments. With movable mast, the rig is guaranteed to drill within the full angle scope and it is in good stability with graceful structure.

Specification:

The Main Machine	
Power of Engine	Deutz 145KW(195HP)
Max. Push capacity	320KN (71936 lbf)
Max. Pull capacity	320KN (71936 lbf)
Rated Torque	13000 N·M(9581 lbf·ft)
Hollow Spindle RPM	Lower 0-48r/min
	High 0-96r/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)	5820×2250×2400 mm(229×89×94.5 inch)
Weight	8400 kg(18522 lb)
Mud Pump	
Specification	BW-320
Max. Discharge	320 L/min(85US Gallons/min)
Peak Pressure	10 MPa(1450 psi)
Mud Process System	
Data of engine	4KW(5.4HP) petrol engine
Pump parameter	30 m ³ /h (1059 feet ³ /h)
Mud processing capacity	6 m ³ /h (212 feet ³ /h)
Mud Tank	2M ³ (71 feet ³ /h)
Drilling Tools and Auxiliary System	
Specification of Rod	Φ73×3000 mm(Φ2.87×118 inch)
Guide Bit	Φ130 mm(5.12 inch)
Reamer	Φ325,Φ400,Φ500,Φ600,Φ720,Φ830 (Φ12.8,Φ15.7,Φ19.7,Φ23.6,Φ28.3,Φ32.7 inch)
Distributor	40T(88200 lb)
Tracker	Optional Part