

FDP-15L HORIZONTAL DIRECTIONAL DRILLING RIG


The FDP-15L is a full Hydraulic Directional Drilling Rig self-propelled with rubber crawler belts. With advanced and compact structure, high efficiency, low oil temperature, main hydraulic components, motor and mud pump all selected and adopted from domestic famous-brand products as auxiliary equipments, equipped with durable rubber belts of crawlers, the rig is suitable for moving in the city. With movable mast, the rig is guaranteed to drill within the full angle scope. It is in good stability with graceful structure.

The Main Machine	
Power of Engine	66.2 KW(89HP) (2200r/min)
Max. Push capacity	75KN (16860 lbf)
Max. Pull capacity	150KN (33720 lbf)
Rated Torque	4200 N·M(3096 lbf-ft)
Hollow Spindle RPM	Lower 0-60r/min
	High 0-120r/min
Feeding Stroke	3500 mm(137.8 inch)
Diameter of Guide Hole	Φ80 mm(3.15 inch)
Drilling Angle	0°—20°
Pressure of hydraulic system	20-25Mpa(2901-3626 psi)
Traveling speed	2.5 km/h (8200 feet/h)
Structural Style	integrated with rubber crawler and mud pump
Dimension (L×W×H)	5800×2050×2380 mm(228×81×94 inch)

Weight	6100 kg(13450 lb)
Mud Pump	
Specification	BW-160A
Max. Discharge	160 L/min(42.3 US Gallons/min)
Peak Pressure	10 Mpa(1450 psi)
Mud Process System	
Mud Tank	1.5M3 (53 feet3)
Drilling Tools and Auxiliary System	
Specification of Rod	Φ60×3000 mm(Φ2.36×118 inch)
Guide Bit	Φ80 mm(3.15 inch)
Reamer	Φ179,Φ259,Φ313,Φ365,Φ417mm (Φ7.05,Φ10.2,Φ12.32,Φ14.37,Φ16.42 inch)
Distributor	25T(55125 lb)
Tracker	Optional Part