

**FDP-245 HORIZONTAL DIRECTIONAL DRILLING RIG**


<b>Main Drill Rig</b>	
Max. Feed Thrust/ Feed Pull	2450KN (550760 lbf)
Feed Thrust/ Feed Pull System	I shift :9 m/min (29.6 feet/min)
	II shift :28 m/min (91.9 feet/min)
Rotation Driving of the Geological Drill Rig	Gear transmission, step less speed regulating I shift hollow spindle torque:70000N·m(51590 lbf·ft) @42r/min II shift hollow spindle torque:35000N·m(25795 lbf·ft) @84r/min
<b>Motor</b>	
Manufacture power of Geological Drill Rig	Weichai Power
Rated Value	450KW (640HP)
Operational State	Dual Power System Working
Operator's Cab	Equipped with Air-conditioner
<b>Dimension and Gross Weight</b>	
Dimension(L×W×H)	14.5×3.15×3m (47.6×10.3×9.8 feet)
Gross Weight	44 T(97020 lb)
Mast Entrance Oblique Angle	8°—16°
Environmental Standard and Service	Engine Emissions and Noise Meeting European II Standard

<b>Drilling Tool</b>	
Drilling Rod Be Used	"5 1/2"
Reaming Shell	Φ325,Φ530,Φ660,Φ760,Φ900,Φ1100mm (Φ12.8,Φ20.9,Φ26.0,Φ29.9,Φ35.4,Φ43.3 inch)
Shackles	Clamp Holder Centering by Itself
Clamper /Break-out Tong	Distance adjustable with accurate, stable and reliable breaking-out
Max. Make-up Torque	90 KN·M (66330 lbf-ft)
Max. Break-out Torque	180 KN·M (132660 lbf-ft)
Crane On the Rig	3 T(6615 lb) Straight-arm Crane
Mast of Rig	Length could be adjusted according to client's requirements
Hydraulic Mud Pump	Full Hydraulic Driving, Flux Step less Adjustable.
Flux Rate of the Geological Drill Rig	0—1500 L/min(0-396 US Gallons/min)
Pressure	0—10 MPa (0-1450 psi)
Chassis	Track Assembly Type
<b>Accessory</b>	
Pressure, flux rate, revolution and other more than ten dates will be shown in figures. This is easy for analysis and judgment of problems and condition in the performance process.	