

FDP-180 HORIZONTAL DIRECTIONAL DRILLING RIG


Main Drill Rig	
Max. Feed Thrust/ Feed Pull	1800KN (404640 lbf)
Feed Thrust/ Feed Pull System	I shift :9.5 m/min (31.2 feet/min)
	II shift :21 m/min (68.9 feet/min)
	III shift 32 m/min(105 feet/min)
Rotation Driving	Gear transmission, stepless 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
Motor	
Manufacture	Weichai Power
Rated Value	470KW (640HP)
Operational State	Dual Power System Working
Operator's Cab	Equipped with Air-conditioner
Dimension and Gross Weight	
Dimension(L×W×H)	14.5×3.15×3m (47.6×10.3×9.8 feet)

Gross Weight	42 T(92610 lb)
Mast Entrance Oblique Angle	8°—16°
Environmental Standard and Service	Engine Emissions and Noise Meeting European II Standard
Drilling Tool	
Drilling Rod Be Used	"5", 6 5/8"
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	70 KN·m (51590 lbf·ft)
Max. Break-out Torque	140 KN·m (103180 lbf·ft)
Crane On the Rig	3 T(6615 lb) Straight-arm Grane
Mast of Rig	Length of Mast 14 Meters(45.9 feet)
Hydraulic Mud Pump	Full Hydraulic Driving, Flux Stepless Adjustable.
Flux Rate	0—1500 L/min(0-396 US Gallons/min)
Pressure	0—10 Mpa(0-1450 psi)
Chassis	Track Assembly Type
Accessory	
<p>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.</p>	