

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	
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.	