

FDP-550 Horizontal Directional Drill Rig



FDP-550 Horizontal Directional Drill Rig Main Parameters

Feeding (traveling)	
Max. Feeding / pulling capacity:	5500KN
Feeding / pulling system:	rack and pinion
Traveling driven by six gears, 2 shifts step less adjustable.	1st shift: 7.8 m/min
	2nd shift: 30 m/min
Rotation	
Rotating system::	Gear transmission, step less adjustable.
I shift torque:	120000Nm@40r/min
II shift torque:	60000Nm@84r/min
Power	
Manufacturer:	Cummins, Chongqing
Ratings:	Dual engine 784kw (1050hp)
Running state:	Feeding / pulling and rotating could achieve the max. Performance parameters above.
Hydraulic system	
Close type system for feeding, pulling and rotating, open type load-sensing system for auxiliary circuit.	
Operation Cabin	
With air conditioner and angle-adjustable control panel.	
Chassis	
On crawlers	
Crane	
4T straight arm crane	



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Shackles	
Adjustable distance, accurate and reliable screwing-off, automatic centering.	
Max. screwing on torque:	150000Nm
Max. screwing off torque:	300000Nm
Drilling angle	8°~ 16°
Accessory	Pressure, flow rate, rotating speed etc. could be seen in operation cabin for easier analysis while drilling.