

MAIN TECHNICAL CHARACTERISTICS OF OUNCE WELL OS - 28 HORIZONTAL DIRECTIONAL DRILL RIG



Diesel engine	Model	Cummins 4BT5.9 - C180	
	Power	132 KW	
Rotation	Gears	2	
	Low Speed	Rotation speed	60 RPM
		Maximum Spindle Torque	9 000 Nm
	High Speed	Rotation speed	120 RPM
		Maximum Spindle Torque	4 500 Nm
Thrust and pullback	Gears	2	
	Low Speed	Thrust force	280 KN
		Pullback force	280 KN
	High Speed	Thrust force	140 KN
		Pullback force	140 KN
Drilling angle	10 - 18°		
Clamping system	Jaws clamping spindle torque	9 000 Nm	
	Jaws reducing spindle torque	18 000 Nm	
Mud pump	Maximum capacity	250 L/min	
	Maximum pressure	8 Mpa	
	Maximum elevation angle	8 - 16°	
Drill rod	Length	3 000 mm	
	Rod lock	Ø 82 mm	
	Rod body	Ø 73 mm	
	Max bending	5 %	
	Weight	45 kg	
Loading capacity of drill rods holder		40 Pc	
HDD rig weight		8 500 kg	
Dimensions (L*W*H)		6,2*2,2*2,1 mm	
Fuel tank capacity		311 L	
Hydraulic tank capacity		365 L	
Drill rods feeding system		optionally	
Anchor system		optionally	

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