



## **OUNCE WELL OS 10 HORIZONTAL DIRECTIONAL DRILL RIG**

OS10 Horizontal Directional Drilling Rig is developed by Forward Group and based on the Asian market.

The whole machine is made of high-quality hydraulic components, hydraulic drive with huge power, imported from Europe and United States Brand.

This machine is equipped with a variety of security and protective measures, which makes construction process safer and more reliable.

Further more, the rotating operating plate gives a great aid to operator comfort and efficiency.

OS10 Horizontal Directional Drilling Rig is mainly used for crossing road, railways, buildings, rives, heritage sites specially protected natural areas and places that cannot be excavated.

It is also used for several of pipe laying in the fields of water water supply, gas, electricity, communications, natural gas, oil etc.



**OUNCE WELL**

### **FORWARD GROUP**

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### **Factory**

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## OUNCE WELL OS 10 HORIZONTAL DIRECTIONAL DRILL RIG

### Main Technical Characteristics

Diesel Engine					
Model			Cummins 4BTA5.9-C80		
Power			60 Kw		
Rotation					
Gears		2			
	Low Speed	Speed of Rotation	60 RPM		
		Torque of Spindle	3 400 Nm		
	High Speed	Speed of Rotation	120 RPM		
		Torque of Spindle	1 700 Nm		
Thrust and Pullback					
Move Speed		2			
	Low Speed	Force of Thrust	100 KN		
		Force of Pullback	100 KN		
	High Speed	Force of Thrust	50 KN		
		Force of Pullback	50 KN		
Other Parameters					
Drilling Angle			8-16°		
Power Winch	Jaws Clamping Spindle Torque		4 000 Nm		
	Jaws Reducing Spindle Torque		10 000 Nm		
Mud Pump	Maximum Capacity		160 L/min		
	Maximum Pressure		10 Mpa		
	Maximum elevation angle		8-25°		
Drill Rod	Length		2 500mm		
	Rod Lock		∅ 55 mm		
	Rod Body		∅ 50 mm		
	Max Bending		5%		
	Weight		22kg		
Total Weight			5 500 Kg		
Dimensions (L × W × H)			5000 × 2000 × 1750mm		
Fuel tank capacity			126L		
Hydraulic tank capacity			217L		
Hydraulic anchor system			Optionally		
Automatic drill rod feeding system			Optionally		



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