

Drilling rig
FORWARD RX7×17
 intended for underground
 engineering communications
 construction by horizontal
 directional drilling method

Main technical characteristics

Diesel engine			
Model	Yanmar (Japan)		
Power	47.4 kW		
Cylinders	4		
Cooling type	Water cooling, Turbocharged		
Fuel consumption	3-7 L/h		
Rotation			
Gears			2
	Low Speed	Rotation Speed	0-90 rpm
		Maximum Spindle Torque	1 700 Nm
	High Speed	Rotation Speed	0-180 rpm
		Maximum Spindle Torque	850 Nm
Thrust and pullback			
Move Speed			2
	Thrust force		110 kN
	Pullback force		110 kN
	Speed		0-23 m/min
Other parameters			
Clamping system	Jaws reducing spindle torque		3 400 Nm
Mud pump	Maximum capacity		80 L/min
	Maximum pressure		8 MPa
Motion	Motion speed		0-3 km/h
	Maximum elevation angle		25°
Drill rod	Length		1 800 mm
	Rod lock		Ø50 mm
	Rod body		Ø48 mm
	Max bending		5%
	Weight		16 kg
Loading capacity of drill rods holder	30 pc		
HDD rig weight	3 500 kg		
Dimensions (L×W×H)	4,2×1,9×2,0 m		
Diesel engine preheating	+		
Hydraulic system preheating	+		
Hydraulic anchor system	+		
Drill rods supply system	+		
Drill rods lubrication system	+		
Fuel tank capacity	100 L		
Hydraulic tank capacity	120 L		

Standard configuration

No	Item	Specification	Quantity	Remarks
Main parts				
1	Horizontal directional drilling rig	RX 7×17	1 unit	main machine
2	Mud mixing system		1 set	Option
Drilling tools				
3	Drill rod	Ø48 mm L = 1 800 mm	50 pc	
4	Transmitter housing		1 pc	in assembly
5	Starter rod		1 set	
6	Reamer	Ø200/Ø300/ Ø400/Ø500	1 set	three-wing reamer
7	Pulling eyes (pin and box)		1 set	
8	Swivel	15 t	1 pc	
Spare parts and accessories				
9	Spare parts and accessories		1 set	

FORWARD

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