



Drilling rig
FORWARD RX11×44
 intended for underground
 engineering communications
 construction by horizontal
 directional drilling method

Main technical characteristics

Diesel engine			
Model	YUCHAI		
Power	62 kW		
Cylinders	4		
Cooling type	Water cooling		
Fuel consumption	8-11 L/h		
Rotation			
Gears			2
	Low Speed	Rotation Speed	0-90 rpm
		Maximum Spindle Torque	4 400 Nm
	High Speed	Rotation Speed	0-180 rpm
		Maximum Spindle Torque	2 200 Nm
Thrust and pullback			
Move Speed			2
	Low Speed	Thrust force	110 kN
		Pullback force	110 kN
		Speed	0-23 m/min
	High Speed	Thrust force	60 kN
		Pullback force	60 kN
		Speed	0-46 m/min
Other parameters			
Drilling angle			8-16°
Clamping system	Jaws clamping spindle torque		4 000 Nm
	Jaws reducing spindle torque		10 000 Nm
Mud pump	Maximum capacity		150 L/min
	Maximum pressure		7 MPa
Motion	Motion speed		0-3 km/h
	Maximum elevation angle		25°
Drill rod	Length		2 000 mm
	Rod lock		Ø54 mm
	Rod body		Ø50 mm
	Max bending		5%
	Weight		16 kg
Loading capacity of drill rods holder			52 pc
HDD rig weight			5 500 kg
Dimensions (L×W×H)			4,7×1,9×2,0 m
Diesel engine preheating			+
Hydraulic system preheating			+
Hydraulic anchor system			+
Drill rods supply system			+
Drill rods lubrication system			+
Fuel tank capacity			126 L
Hydraulic tank capacity			217 L

Standard configuration

No	Item	Specification	Quantity	Remarks
Main parts				
1	Horizontal directional drilling rig	RX 11×44	1 unit	main machine
2	Mud mixing system		1 set	1 set includes: mud tanks (2 cbm) - 2 pc, Honda mixing pumps - 2 pc, funnels - 2 pc, pipes - 1 set
Drilling tools				
3	Drill rod	Ø50 mm L = 2 000 mm	75 pc	52 pc in holder
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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