



SANY

Quality Changes the World



SANY ROTARY DRILLING RIG SR200C

SR200C ROTARY DRILLING RIG

◆ Integrated parameters

Main performances	Unit	Parameters
Overall height	mm	20,000
Operating weight	t	62
Max. pile diameter	mm	1,800
Max. pile depth(friction Kelly/inter-locking Kelly)	m	59/47
Rotary Drive		200
Max. output torque	kN.m	7 ~ 30
Speed of rotation	rpm	
Crowd system		170
Crowd force	kN	4,300
Stroke	mm	
Main winch		200
Line pull(1st layer)	kN	28
Rope diameter	mm	72
Max. line speed	m/min	
Auxiliary winch		76
Line pull(1st layer)	kN	20
Rope diameter	mm	79
Max. line speed	m/min	
Mast inclination		5
Forward	°	±5
Lateral	°	

◆ Main parameters

Chassis model	SY310RC
Chassis length	6,790mm
Extended width	4,000mm
Track shoe width	700mm
Swing radius (backside)	4,000mm
Transport width	3,000mm
Transport height	3,370mm
Base engine	ISUZU AA-6HK1XQP
Engine power	183.9kW@2000rpm
Fuel	Diesel oil (JIS Type 2)
Emission regulation	EU stage II/EPA Tier 2
No. of cylinder-bore x stroke	6-112×149
Engine displacement	7.79 L

◆ Configuration table

Mast verticality measuring function	●	Main winch protection function	●
Slew angle measuring function	●	Aux. winch protection function	●
Drilling depth real time measuring function	●	Mast sideward limiters	●
Main rope pull force measuring function	●	Display monitor	●
Oil pressure measuring function	●	Slew siren	●
Engine diagnose system	●	Main winch lighting system	●
PLC control module	●	Pile lighting system	●
Auto/manual mast verticality adjusting function	●	Air-conditioner	●
Main winch floating control	●	Radio	●
Emergency stop switch	●	Fault self-diagnosis function	○
Auto idle model	●	Anemometer	○
All directional Gradiener	●	Caution light	○
Cab collision protection	●	Casing driver	○
Electrical protection system	●	Startup in low temperature	○

◆ Type of Kelly bar

Frictioning Kelly	Weight	Depth		Locking Kelly	Weight	Depth	
Φ445×5×13	9.6t	59m	●	Φ445×4×13	9.9t	47m	○
Φ445×5×12.5	9.2t	55m	○	Φ445×4×12.5	9.6t	45m	○
Φ445×4×10	7.7t	35m	○	Φ445×4×12	9.2t	42m	○
				Φ445×3×13	9.1t	37m	○
				Φ445×3×12	8.4t	34m	○
				Φ445×4×10	7.9t	34m	○
				Φ445×4×09	7.3t	30m	○

● Standard ○ Optional



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