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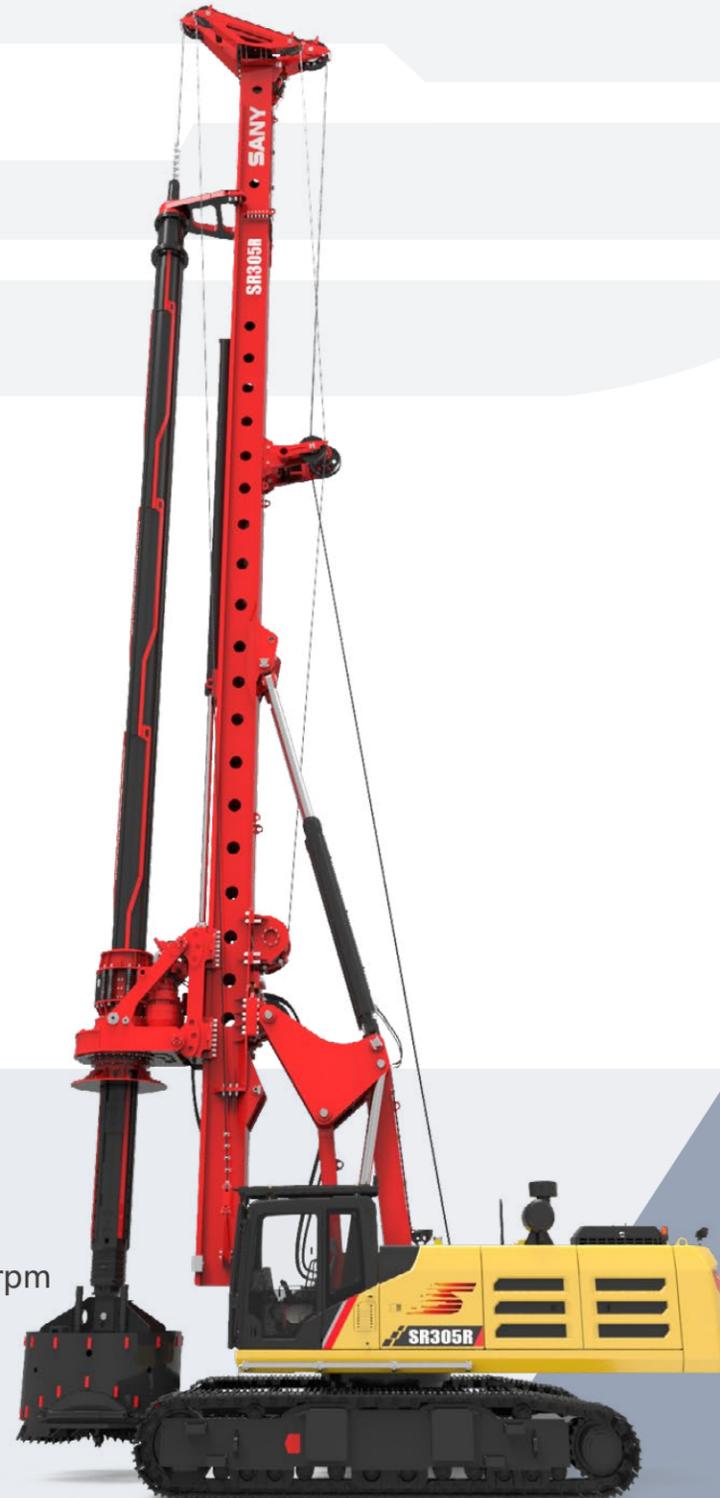
SR305R



SANY
品质改变世界

SR305R

2022 ROTARY DRILLING RIG



- Max. drilling diameter 2.5m
- Max. drilling depth 100m
- Rated output torque 360kN·m
- Engine power 300kW/1800rpm



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Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	2500	
Max. drilling depth	m	100/65	①
Rotary drive			
Rated output torque	kN·m	360	
Rotation speed	rpm	6~29	
Crowd system			
Crowd force	kN	275	
Line pull	kN	335	
Stroke	mm	6000	
Main winch			
Lifting capacity	kN	330	
Wire rope diameter	mm	36	
Max. line speed	m/min	72	
Auxiliary winch			
Lifting capacity	kN	90	
Wire rope diameter	mm	20	
Max. line speed	m/min	70	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	±3	
Main Chassis			
Base engine	/	6WG1	ISUZU
Engine power	kW/rpm	300/1800	
Exhaust emission	/	China Stage III	
Engine displacement	L	15.68	
Extension width	mm	4760	
Track shoe width	mm	800	
Swing radius	mm	4530	
Overall machine			
Overall height	mm	26395	
Operating weight	t	105	
Transport width	mm	3490	
Transport height	mm	3690	
Transport length	mm	19125	

①: friction kelly depth / interlocking kelly depth

Kelly bar	Weight(Kg)	Depth(m)	Option
Inter-locking kelly	Φ508×4×12	12000	41
Friction kelly	Φ508×4×17	13800	61
	Φ508×4×18	14000	65
Standard	Φ508×6×17	15800	94
	Φ508×6×18	16600	100

Note: Drilling depth with bucket 1000 mm long.



SUITABLE FOR BOTH SOIL AND ROCK, INTELLIGENT AND EFFICIENT

SR305R is widely used in medium-sized construction of housing, bridge, municipal projects and stadium. It has great ability on drilling soil, pebble, rock and other mixed layers.

Efficient construction: fast drilling and soil dumping speed enables high drilling efficiency on soil layer; the large torque and crowd force enhances strong rock drilling ability.

Stable and reliable: adopt box structure on mast and derricking mechanism, which has strong load bearing ability; the telescopic undercarriage with large width and low gravity center provides high stability during construction.

Long wire rope life: only single layer wire rope winding on main winch drum for interlocking bar, no extrusion wear between the ropes, long service life, low cost.

Intelligent control: HD touch screen, fast response, easy to operate; five automation functions, reduce operation intensity and fatigue; the EVI APP supports remote real-time monitoring, one-click service call and group management.

Convenient maintenance: fine pipeline layout, double maintenance flaps provide large maintenance space; equipped with central lubrication, saves time and effort.

