



SANY
我们的深度决定世界的高度
Our drilling depth determines the height of the world



H10

SR360R

2020 Rotary Drilling Rig

Excellent performance
High efficiency



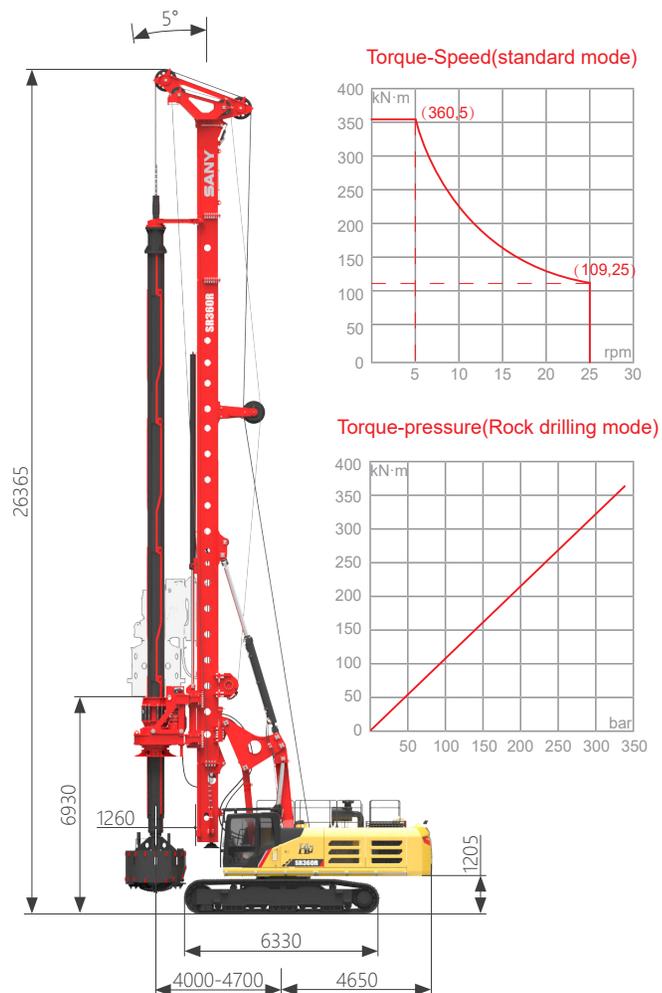
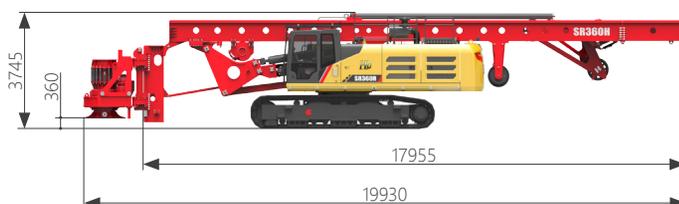
Follow us on Wechat and contact us
Support hotline. 4006 09 8318
Email: crd@sany.com.cn

- Max. drilling diameter 2.5m
- Max. drilling depth 100/65m
- Rated output torque 360kN·m
- Engine power 300kW/1800rpm

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	5~25	
Crowd system			
Crowd force	kN	290	
Line pull	kN	335	
Stroke	mm	6000	
Main winch			
Lifting capacity	kN	360	
Wire rope diameter	mm	36	
Max. line speed	m/min	75	
Auxiliary winch			
Lifting capacity	kN	90	
Wire rope diameter	mm	20	
Max. line speed	m/min	70	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	±4	
Main Chassis			
Base engine	/	ISUZU 6WG1	
Engine power	kW/rpm	300/1800	
Emission regulation	/	COM III	
Engine displacement	L	15.68	
Chassis length	mm	7850	
Extension width	mm	4900	
Track shoe width	mm	800	
Swing radius	mm	4705	
Overall machine			
Overall height	mm	26365	
Operating weight	t	120	
Transport width	mm	3530	
Transport height	mm	3745	

①: friction kelly depth / interlocking kelly depth

Kelly bar	Weight(Kg)	Depth(m)	Option
Inter-locking kelly	Φ530×3×15	14300	Standard
	Φ530×4×17	16000	
	Φ530×4×18	16800	
Friction kelly	Φ530×6×17	17400	Standard
	Φ530×6×18	18300	



Large construction capacity: Expert in construction of 2.5m large dia. and 100m deep borehole without torque limit; main winch with large lifting force to ensure stable operation.

Strong rock drilling ability: The heaviest model of the same level ensures large crowding force; equipped with heavy duty, impact resistance reducer to realize stable torque output; excellent drilling ability in hard rock layers more than 60MPa.

High reliability: The structural parts adopt impact, fatigue resistance technology in rock drilling, single layer wire rope winding for interlocking Kelly bar; free of mutual extrusion and wear in wire rope layers to increase service life by 35%.

Economy and energy saving: Adopt power optimization control technology to realize power distribution in real time, excellent compound action response time. High fuel efficiency and low comprehensive fuel consumption, fuel consumption reduced by 10%~15%.

Intelligent upgrade:

- 1) HD touch screen, 3ms refresh frequency, smooth animation display.
- 2) SANY patented locking device visualization technology can accurately display the process of locking and unlocking, reduce wear and Kelly bar accidents.

Convenient maintenance: The external driving key of rotary drive facilitates maintenance and replacement; the main winch wire rope end is fixed by wedge easy to disassemble and assemble. The special lubrication point connected with outlet hose to facilitate butter injection.

Safe and secure: 360° full-field monitoring, sound and light alarm.