



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

ELO

SR360R

2020 Rotary Drilling Rig



Economic and efficient
Preferable for rental market



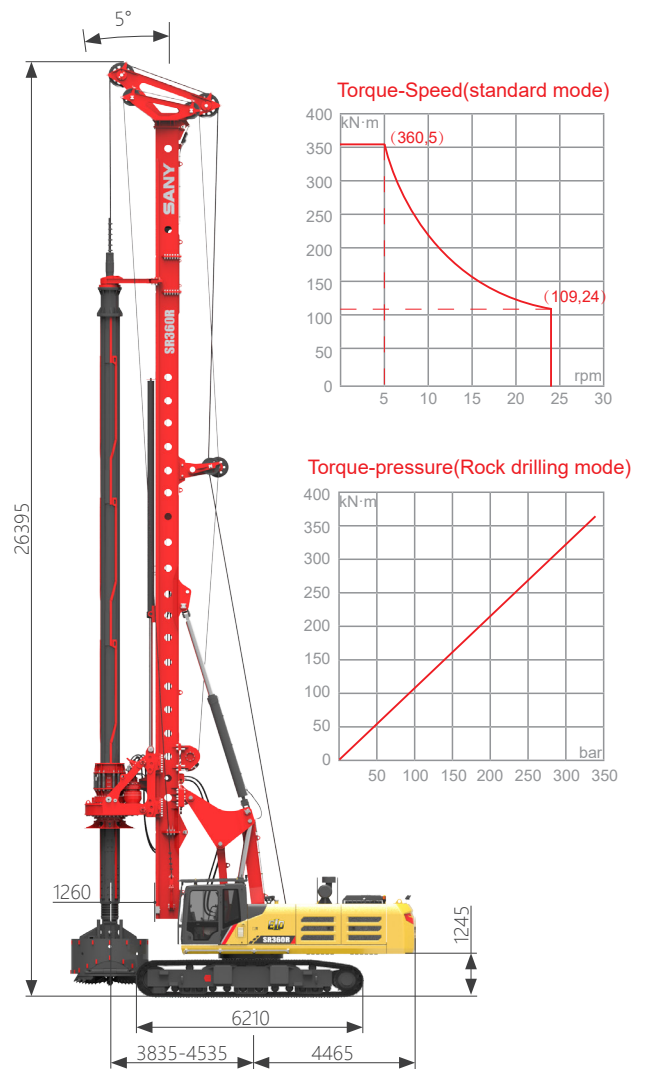
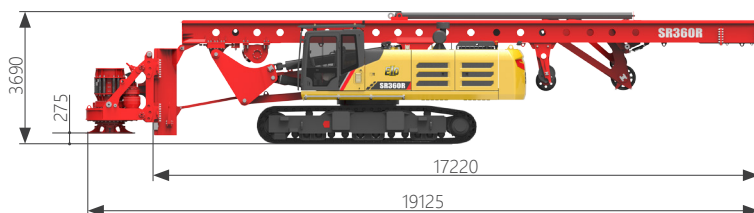
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- Max. drilling diameter 2.5m
- Max. drilling depth 100/65m
- Rated output torque 360kN·m
- Engine power 300kW/1800rpm

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	5~24	
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	°	±4	
Main Chassis			
Base engine	/	ISUZU 6WG1	
Engine power	kW/rpm	300/1800	
Emission regulation	/	COM III /R96	
Engine displacement	L	15.68	
Chassis length	mm	7590	
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	

①: friction kelly depth / interlocking kelly depth

Kelly bar	Weight(Kg)	Depth(m)	Option
Inter-locking kelly	Φ508 × 3 × 15	13900	Standard
	Φ508 × 4 × 17	13700	
	Φ508 × 4 × 18	14600	
Friction kelly	Φ508 × 6 × 17	15900	Standard
	Φ508 × 6 × 18	16800	



Large construction scope: Facing the rental market, low investment and high return. The max. dia. can be up to 2.5m, the max. depth can be up to 100m, covering more than 90% of the construction field; equipped with the sixth-generation Kelly bar of upgraded material, the integrated locking device, powerful construction.

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.

Step drum: Single layer wire rope winding for interlock Kelly bar; free of mutual extrusion and wear in wire rope layers to increase service life by 35%.

High reliability: High standard design for mast and luffing boom to make it more strong and durable, no cracking in 20,000 hours operation test. High configuration reducer with large torque to guarantee high efficiency, safer operation and wider working scope.

Intelligent upgrade: HD touch screen, 3ms refresh frequency, smooth animation display.

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.