



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



CI

SR215

2020 Rotary Drilling Rig

**Small hole & deep
Pileenergy saving**



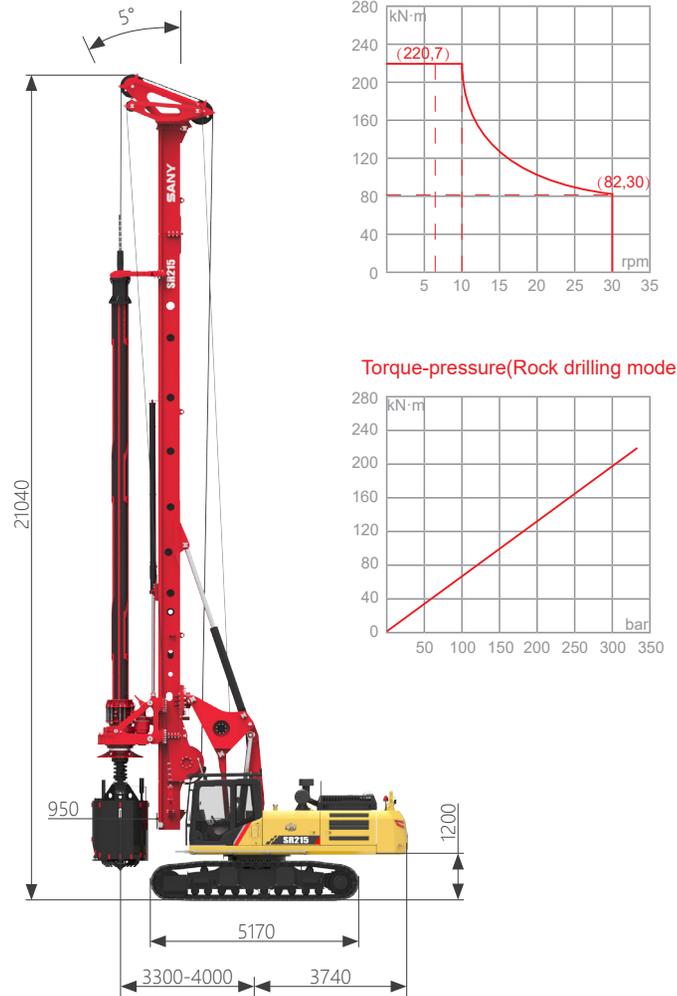
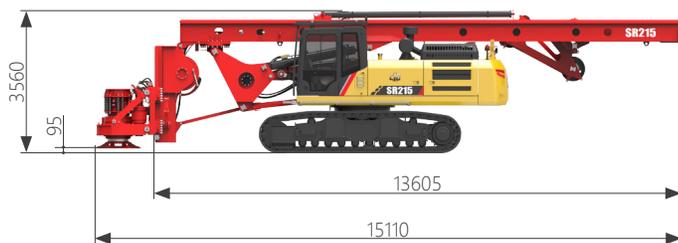
Follow us on Wechat and contact us
Support hotline. 4006 09 8318
Email: crd@sany.com.cn

- Max. drilling diameter 1.8m
- Max. drilling depth 64/51m
- Rated output torque 220kN·m
- Engine power 212kW/2000rpm

Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	1800	
Max. drilling depth	m	64/51	①
Rotary drive			
Rated output torque	kN · m	220	
Rotation Speed	rpm	7-30	
Crowd system			
Crowd force	kN	180	
Line pull	kN	190	
Stroke	mm	4200	
Main winch			
Lifting capacity	kN	220	
Wire rope diameter	mm	28	
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	°	± 3	
Main Chassis			
Base engine	/	ISUZU 6HK1	
Engine power	kW/rpm	212/2000	
Emission regulation	/	COM III	
Engine displacement	L	7.79	
Chassis length	mm	6380	
Extension width	mm	4150	
Track shoe width	mm	700	
Swing radius	mm	3805	
Overall machine			
Overall height	mm	21040	
Operating weight	t	65	
Transport width	mm	3210	
Transport height	mm	3560	

①: friction kelly depth / interlocking kelly depth

Kelly bar	Weight(Kg)	Depth(m)	Option
Inter-locking kelly	Φ419 × 4 × 13	8600	47
Friction kelly	Φ419 × 4 × 14	9200	51
Friction kelly	Φ419 × 5 × 14	8900	64



Efficient and flexible: Widely used in small dia. & deep borehole construction in civil engineering, high main hoist lifting up and down speed, high verticality of finished borehole, high working efficiency in civil construction.

Special chassis: Telescopic large widening chassis designed for rotary drilling rig, roller type large diameter slewing bearing to guarantee the high stability in deep borehole construction.

Economical and energy-saving: Imported large-displacement EFI engine with strong power, adopts power optimization control technology, adjusts power distribution in real time, fast response speed, higher fuel efficiency and more energy-saving.

High reliability: The mast adopts box structure with strong resistance to torsion and fatigue; designed service life more than 20000 hrs.

Drilling upgrade: Adopting 419 sixth generation kelly bar with upgraded material and strengthened block ring, the overall strength increased by 25% with high drilling ability in strongly weathered rock layer.

Intelligent upgrade: 10-inch HD touch screen, fast response and more convenient operation.