



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

CI

SR185

2020 Rotary Drilling Rig



High efficiency
High stability



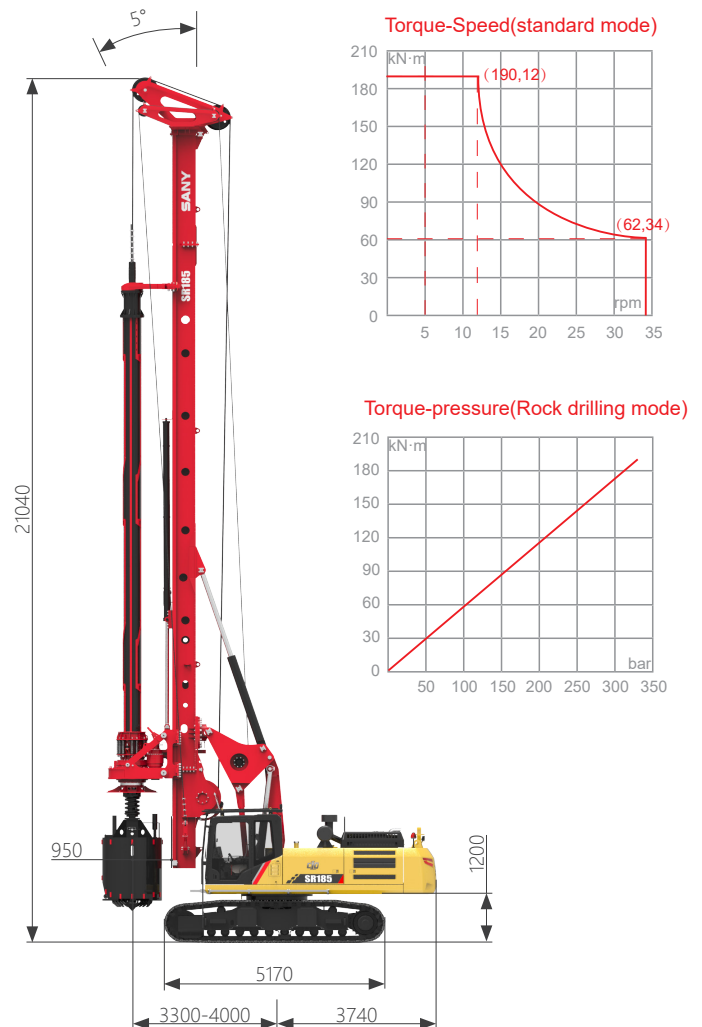
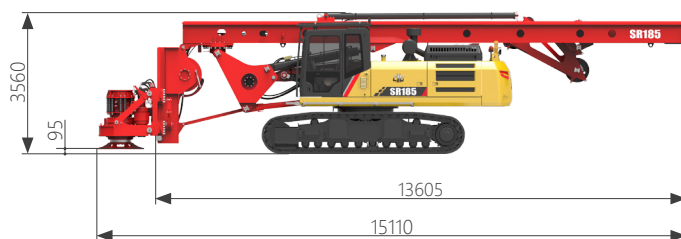
Follow us on Wechat and contact us
Support hotline. 4006 09 8318
Email: crd@sany.com.cn

- Max. drilling diameter 1.8m
- Max. drilling depth 59/47m
- Rated output torque 190kN·m
- Engine power 212kW/2000rpm

Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	1800	
Max. drilling depth	m	59/47	①
Rotary drive			
Rated output torque	kN · m	190	
Rotation Speed	rpm	5-34	
Crowd system			
Crowd force	kN	180	
Line pull	kN	180	
Stroke	mm	4200	
Main winch			
Lifting capacity	kN	185	
Wire rope diameter	mm	28	
Max. line speed	m/min	75	
Auxiliary winch			
Lifting capacity	kN	80	
Wire rope diameter	mm	20	
Max. line speed	m/min	75	
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	63	
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 Φ406×4×13	8200	47	Standard
Friction kelly Φ406×5×13	8100	59	



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; sixth generation kelly bar adopting 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.