



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

CI

SR235

2020 Rotary Drilling Rig

**Small hole expert
in civil engineering**



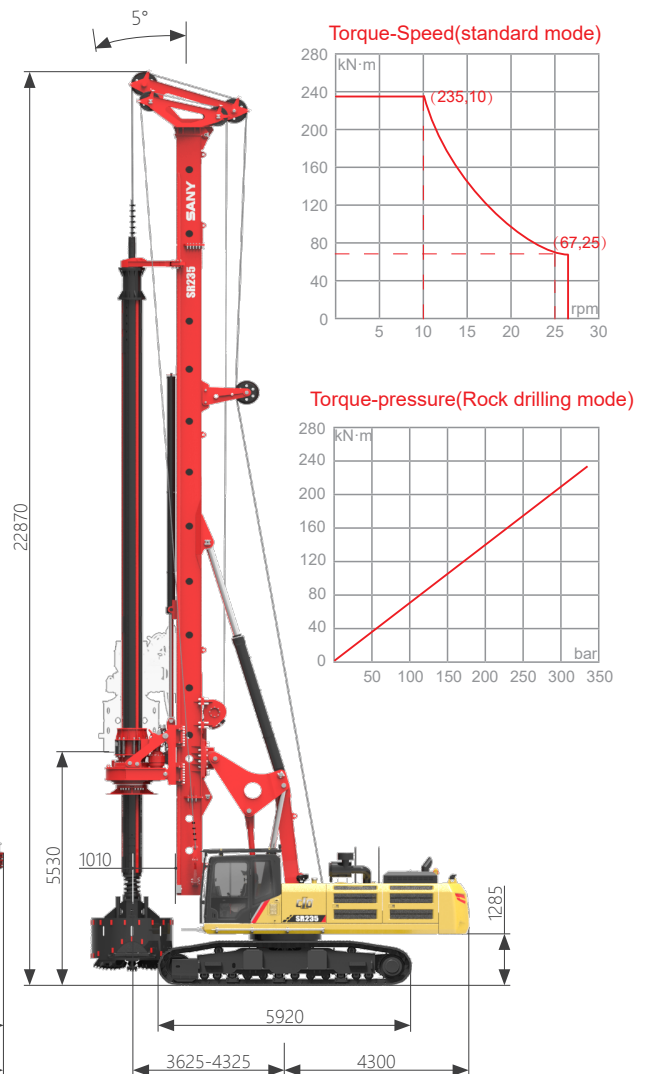
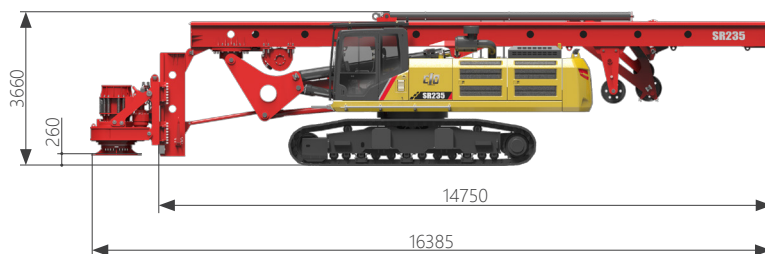
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- Max. drilling diameter 2.0m
- Max. drilling depth 68/54m
- Rated output torque 235kN·m
- Engine power 257kW/2000rpm

Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	2000	
Max. drilling depth	m	68/54	①
Rotary drive			
Rated output torque	kN · m	235	
Rotation Speed	rpm	5~27	
Crowd system			
Crowd force	kN	210	
Line pull	kN	270	
Stroke	mm	5000	
Main winch			
Lifting capacity	kN	235	
Wire rope diameter	mm	32	
Max. line speed	m/min	70	
Auxiliary winch			
Lifting capacity	kN	80	
Wire rope diameter	mm	20	
Max. line speed	m/min	70	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	±3	
Main Chassis			
Base engine	/	ISUZU 6UZ1	
Engine power	kW/rpm	257/2000	
Emission regulation	/	COM III	
Engine displacement	L	9.84	
Chassis length	mm	7265	
Extension width	mm	4500	
Track shoe width	mm	800	
Swing radius	mm	4360	
Overall machine			
Overall height	mm	22870	
Operating weight	t	81	
Transport width	mm	3540	
Transport height	mm	3660	

①: friction kelly depth / interlocking kelly depth

	Kelly bar	Weight(Kg)	Depth(m)	Option
Inter-locking kelly	Φ445 × 3 × 15	10300	40	Standard
	Φ445 × 4 × 14	10600	50	
	Φ445 × 4 × 15	11300	54	
Friction kelly	Φ445 × 5 × 14	10300	63	
	Φ445 × 5 × 15	10900	68	



Efficient construction: The most preferred model in civil construction, with fast construction speed and large capacity; adopting the sixth-generation new material 445 Kelly bar, integrated locking device, drilling capacity increased by 25%, suitable for drilling in multiple strata.

Strong power: Imported large-displacement EFI engine, equipped with high-power main pump, using power optimization control technology, real-time power distribution, fast response speed, high fuel efficiency, saving energy by 10%~15%.

Step drum: Single layer wire rope winding for interlocking Kelly bar to meet 54 meters drilling depth; free of mutual extrusion and wear to increase service life by 35%.

High reliability: High standard design for mast and luffing boom, strong and durable, no cracking in 20,000 hrs operation. Large torque and high configuration reducer with wide high-efficiency working range, construction faster and safer.

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.