



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



CI

SR265

2020 Rotary Drilling Rig

**Expert in civil
engineering**



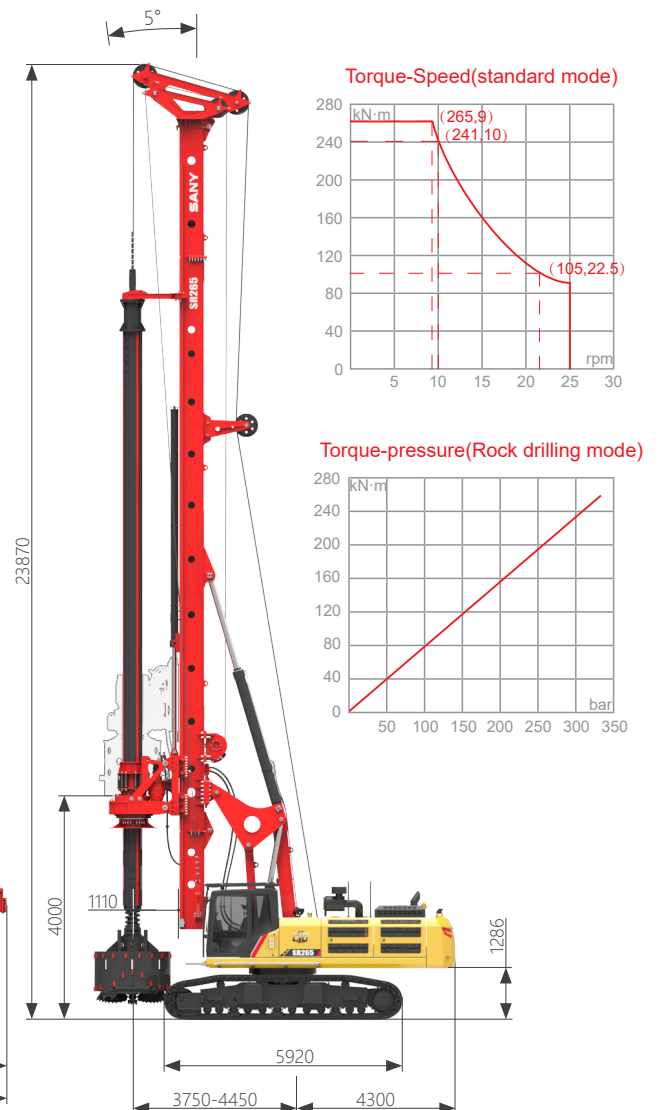
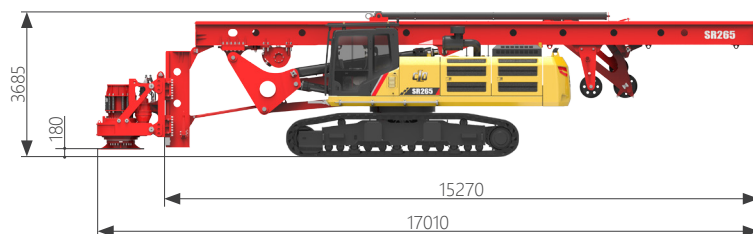
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- Max. drilling diameter 2.2m
- Max. drilling depth 73/58m
- Rated output torque 265kN·m
- Engine power 257kW/2000rpm

Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	2200	
Max. drilling depth	m	73/58	①
Rotary drive			
Rated output torque	kN·m	265	
Rotation Speed	rpm	5~25	
Crowd system			
Crowd force	kN	230	
Line pull	kN	275	
Stroke	mm	5000	
Main winch			
Lifting capacity	kN	275	
Wire rope diameter	mm	32	
Max. line speed	m/min	80	
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	23870	
Operating weight	t	85	
Transport width	mm	3540	
Transport height	mm	3685	

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 × 15	11300	54	
	Φ445 × 4 × 16	12000	58	
Friction kelly	Φ445 × 5 × 15	10900	68	
	Φ445 × 5 × 16	11700	73	



Efficient construction: With 2.2-meter large-diameter construction capability, working efficiency is much higher than other similar models by increasing main winch speed by 12%; adopting the sixth-generation new material 445 Kelly bar, integrated locking device, whole strength 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; free of mutual extrusion and wear 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 reservation and wide safe high-efficiency working scope.

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

Convenient maintenance: The rotary head inside driving key outside connected by bolts for easy observation 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.