



SANY



SR65

2021 Rotary Drilling Rig



- Max. drilling diameter 1.1m
- Max. drilling depth 20/27m
- Rated output torque 70kN·m
- Engine power 84kW/2200rpm



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Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	1100	
Max. drilling depth	m	20/27	①
Rotary drive			
Rated output torque	kN·m	70	
Rotation Speed	rpm	5~40	
Crowd system			
Crowd force	kN	105	
Line pull	kN	120	
Stroke	mm	3000	
Main winch			
Lifting capacity	kN	90	
Wire rope diameter	mm	20	
Max. line speed	m/min	79	
Auxiliary winch			
Lifting capacity	kN	40	
Wire rope diameter	mm	14	
Max. line speed	m/min	75	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	3	
Main Chassis			
Base engine	/	4JJ1	
Engine power	W/rpm	84/2200	
Emission regulation	/		
Engine displacement	L	2.999	
Chassis length	mm	4855	
Extension width	mm	2700	
Track shoe width	mm	600	
Swing radius	mm	3000	
Overall machine			
Overall height	mm	12765	
Operating weight	t	23	
Transport width	mm	2700	
Transport height	mm	3410	

①: inter-locking kelly / friction kelly depth

Kelly bar	Weight (kg)	Depth (m)	Option
Inter-locking kelly Φ273×3×7.5	2000	20	Standard
Friction kelly Φ273×4×7.5	2335	27	

SR65 is positioned for industrial and civil construction and municipal construction in small cities. It can perform efficient construction and rapid operation within the range of Φ1.1 m borehole diameter and 27 m borehole depth.

- The whole machine is easy to transport, no need to disassemble.
- The new special chassis for rotary drilling rig makes the construction more stable and the maintenance more convenient.
- Strong travelling ability, brand-new driving wheel, large travelling motor reducer, high-speed travelling function, facilitate travelling on all terrains.
- High-speed rotary drive, the max. speed can reach 40rpm.
- Equipped with one-key soil dumping and one-key soil shaking functions, and the efficiency is increased by more than 50%. Long-life wire rope, single-layer winding of the main rope, less wear and longer service life.
- Low headroom mode, choose high or low state to meet the special needs of restricted working conditions.
- Base machine with high configuration, the large-displacement electronically controlled main pump is matched with a large-diameter main valve with independent intellectual property rights to realize the high efficiency and unity of surging power and precise control.
- The new C11 cab, safety (double full-protection roof), intelligence (new touch screen), high technology (one-button start, mobile phone interconnection), comfort (large space, strong air conditioning, air suspension seats), and a better driving experience.

