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SR65



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# SR65

2022 ROTARY DRILLING RIG



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



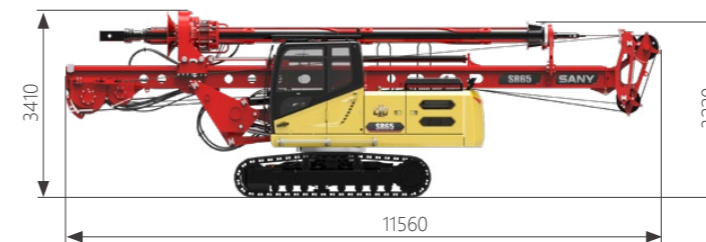
Follow us on Wechat and contact us  
Support hotline. 4006 09 8318  
Email. crd@sany.com.cn

Main performances	Unit	Parameter	Remark
<b>Pile</b>			
Max. drilling diameter	mm	1100	400 ①
Max. drilling depth	m	27/20	②
Low headroom drilling depth	m	9	
<b>Rotary drive</b>			
Rated output torque	kN·m	70	
Rotation speed	rpm	5~40	
<b>Crowd system</b>			
Crowd force	kN	110	
Line pull	kN	120	
Stroke	mm	3000	
<b>Main winch</b>			
Lifting capacity	kN	90	
Wire rope diameter	mm	20	
Max. line speed	m/min	80	
<b>Auxiliary winch</b>			
Lifting capacity	kN	40	
Wire rope diameter	mm	14	
Max. line speed	m/min	75	
<b>Mast inclination</b>			
Forward/backward	°	5/90	
Lateral	°	±3	
<b>Main Chassis</b>			
Base engine	/	4JJ1	ISUZU
Engine power	kW/rpm	84/2200	
Exhaust emission	/	China Stage III	
Engine displacement	L	2.999	
Extension width	mm	2700	
Track shoe width	mm	600	
Swing radius	mm	3060	
<b>Overall machine</b>			
Overall height	mm	12765	8110 ③
Operating weight	t	23	
Transport width	mm	2700	
Transport height	mm	3410	
Transport length	mm	11560	

①: Min. drilling diameter  
②: friction kelly / inter-locking kelly  
③: Low headroom

Kelly bar	Weight(Kg)	Depth(m)	Option
Inter-locking kelly	Φ273×3×7.5	2000	20 Standard
Friction kelly	Φ273×3×3.1	1095	7 ③
	Φ273×4×7.5	2335	27
	Φ273×4×3.1	1235	9 ③

Note: Drilling depth with bucket 1200 mm long.



### SMALLEST & FASTEST

SR65 is suitable for towns, industrial, civil and municipal small pile foundation fields. It can overcome the difficulties of small hole construction and enable efficient construction and fast operation in all kinds of geological conditions.

**Economy and energy saving:** full power, reliable and durable, low fuel consumption.

**Convenient transportation:** the whole machine can be transported without disassembling Kelly bar; the accessories can be transported with the base machine in one trailer.

**Strong traveling power:** with powerful traveling motor, it can realize high speed traveling on any terrain.

**High efficiency:** high-speed rotary drive ensures high efficiency in d-rilling and soil dumping; main winch speed is fast, increases the working efficiency; the quick buttons equipped with main winch and rotary drive fast dumping soil function make the operation more convenient.

**Small hole expert:** the minimum diameter can be up to φ400mm; adopt the universal drilling bucket used on small and medium-sized drilling rigs.

**Strong traveling ability:** large traction force and great climbing ability; the base machine is lighter in weight and smaller in width, which can pass the narrow roads.

**Long wire rope life:** only single layer wire ropes winding on main winch drum, no extrusion wear between the ropes, long service life, low cost.

**Convenient switch between two modes:** it can be directly switched to low headroom mode by removing the upper mast, which can be used for construction in the workshop or other height restricted conditions.

**Comfortable operation:** large cab space, easy to operate; air suspension seat to enhance the vibration reduction effect, reduce fatigue; it is also equipped with HD touch display, quick start button and blue tooth to enhance operating experience.

