



SR235

SANY®

Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	2000	①
Max. drilling depth	m	73/56	②
Rotary drive			
Rated output torque	kN·m	235	
Rotation speed	rpm	5~30	
Crowd system			
Crowd force	kN	210	
Line pull	kN	270	
Stroke	mm	15000	
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	/	6UZ1	ISUZU
Engine power	kW/rpm	257/2000	
Exhaust emission	/	China Stage III	
Fuel tank capacity	L	580	
Width retracted/extended	mm	3200-4500	
Track shoe width	mm	800	
Swing radius	mm	4360	
Overall machine			
Overall height	mm	24050	
Operating weight	t	86	
Transport width	mm	3550	
Transport height	mm	3750	
Transport length	mm	17650	

①: Uncased/cased
②: Friction kelly / inter-locking kelly

Kelly bar		Weight(kg)	Depth(m)	Option
Inter-locking kelly	Φ445×4×14	10000	48	Standard
	Φ445×4×15	10600	52	
	Φ445×4×16	11000	56	
Friction kelly	Φ445×5×15	10900	68	
	Φ445×5×16	11500	73	

Note: Drilling depth with bucket 1000 mm long



MULTI-FUNCTION, CONVENIENT SWITCHING

SR235 is suitable for housing, municipal, industrial and civil construction. It is multi-functional and can be switched to other construction modes such as low headroom mode, casing mode, and CFA mode, which can meet the needs of more working conditions.

Convenient switching: multi-functional mast, universal interface, easy to switch among different modes, saving cost.

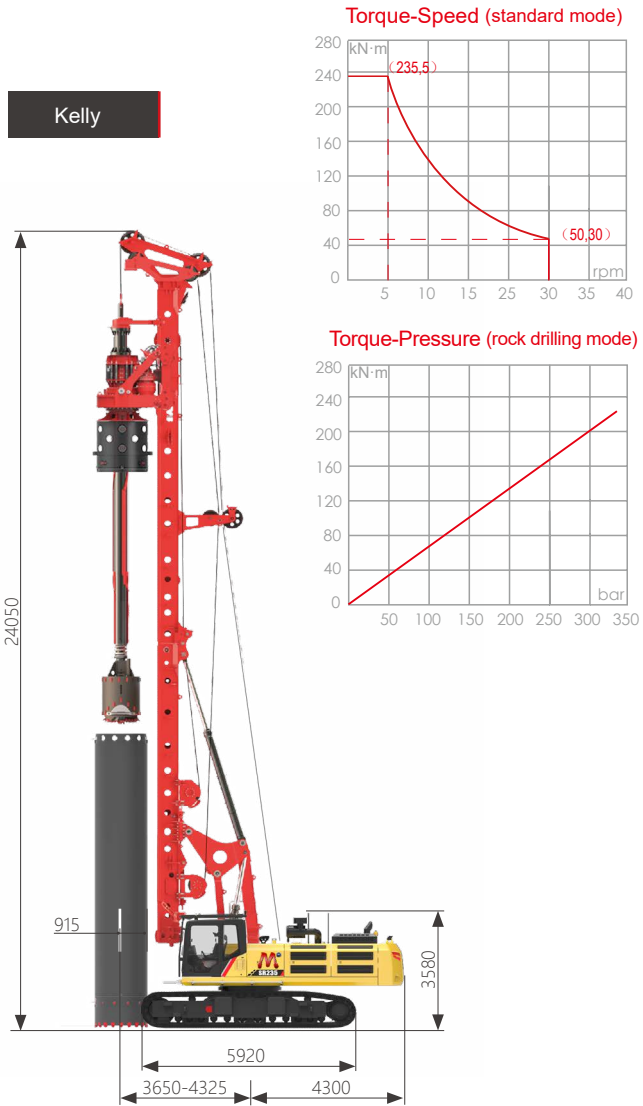
High efficiency and energy saving: abundant power, real-time distribution, fast response, more energy-saving.

Step drum: only single layer wire ropes winding on main winch drum for interlocking bar, no extrusion wear between the ropes, long service life, low cost.

High reliability: working devices are designed under high standard, and go through strict system test with good durability. Multi-functional devices and base machine are designed for accurate and secure connection.

Intelligent control: the locking device visualization technology shows the locking and unlocking process, to reduce Kelly bar wear and accidents. EVI mobile phone exclusive APP, remote monitoring equipment location, efficiency, fuel consumption, etc., one-key service call more convenient.

Convenient maintenance: automatic central lubrication system saves time and effort. The full-length platform and upper carriage guardrail are optional, to provide full protection.



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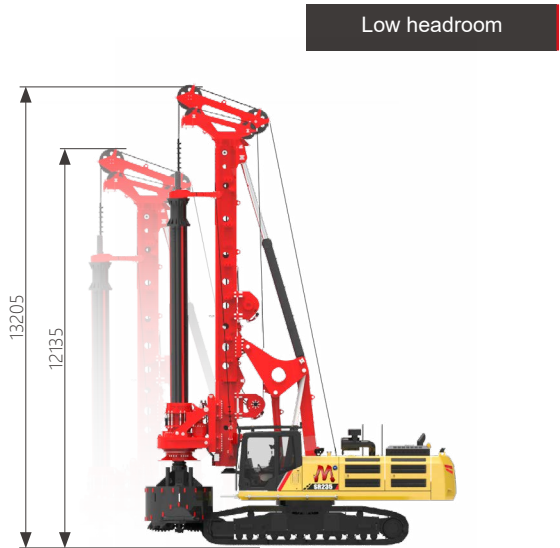
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Low headroom	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	2000	
Max. drilling depth	m	24	
Rotary drive			
Rated output torque	kN·m	235	
Rotation speed	rpm	5~30	
Crowd system			
Crowd force	kN	210	
Line pull	kN	270	
Stroke	mm	4500	
Overall machine			
Overall height	mm	13205	①
Overall height	mm	12135	②
Operating weight	t	75	

Kelly bar		Weight (kg)	Depth (m)	Option
Inter-locking kelly	Φ445×4×6	5570	18	Standard
Friction kelly	Φ445×5×6	4800	24	

Note: ① the higher location of boom
② the lower location of boom

Low headroom mode: a few parts, such as kelly were needed.
CFA mode: directly switch to CFA mode by changing a few parts, such as dedicated pulley yoke, balancing rope device, Auger cleaner etc.
Customized construction method: displacement pile device, deeply stirring by single shaft, CFA were needed to be pre-order.



CFA mode	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	1000	
Max. drilling depth	m	24	
Rotary drive			
Rated output torque	kN·m	100~230	
Rotation speed	rpm	5~30	
CFA Max.Lifting			
Max.extraction force with main winch and crowd winch(effective)	kN	≥770	
Wire rope diameter	mm	32	Main winch
Wire rope diameter	mm	24	Crowd winch
Overall machine			
Overall height	mm	29775	
Operating weight	t	90	

