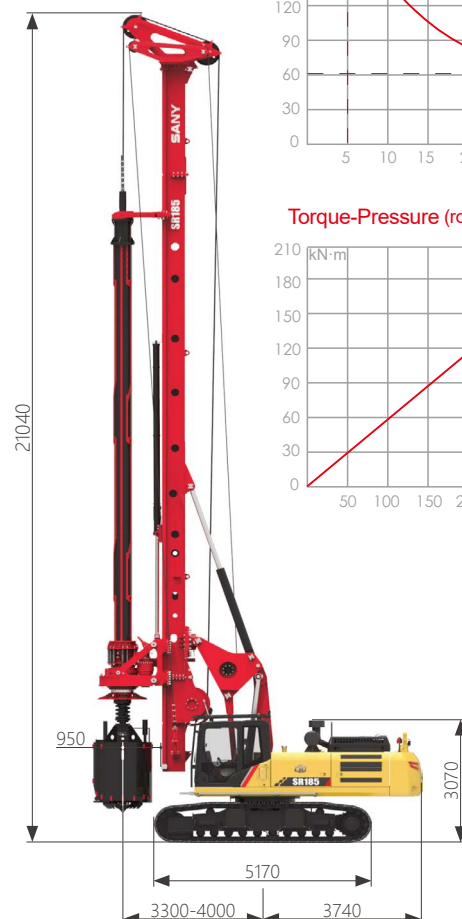
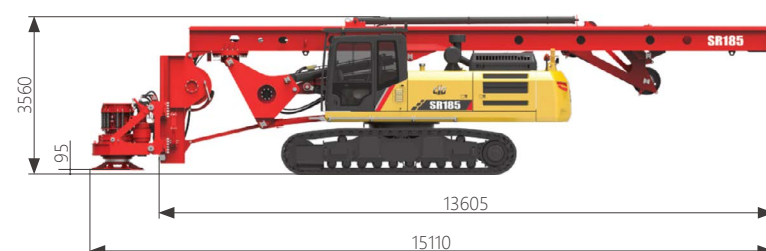


Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	1800	
Max. drilling depth	m	59/47	①
Rotary drive			
Rated output torque	kN·m	190	
Rotation speed	rpm	5~34	
Crowd system			
Crowd force	kN	180	
Line pull	kN	180	
Stroke	mm	4200	
Main winch			
Lifting capacity	kN	185	
Wire rope diameter	mm	28	
Max. line speed	m/min	75	
Auxiliary winch			
Lifting capacity	kN	80	
Wire rope diameter	mm	20	
Max. line speed	m/min	75	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	±3	
Main Chassis			
Base engine	/	6HK1	ISUZU
Engine power	kW/rpm	212/2000	
Exhaust emission	/	China Stage III	
Engine displacement	L	7.79	
Width retracted/extended	mm	3150-4150	
Track shoe width	mm	700	
Swing radius	mm	3805	
Overall machine			
Overall height	mm	21040	
Operating weight	t	63	
Transport width	mm	3210	
Transport height	mm	3560	
Transport length	mm	15110	

①: Friction kelly / inter-locking kelly

Kelly bar		Weight(kg)	Depth(m)	Option
Inter-locking kelly	Φ406×4×13	8200	47	Standard
Friction kelly	Φ406×5×13	8100	59	

Note: Drilling depth with bucket 1000 mm long



SMALL PILE EXPERT HIGH COST PERFORMANCE

SR185 is suitable for small and medium-sized pile foundation projects in high-rise buildings and municipal constructions. Featured with high stability, high efficiency and reliable quality, it has excellent performance in drilling soil layer, pebble layer and fully weathered conditions.

Efficient construction: the machine is flexible during construction and the compound action is smooth; large rotary drive torque and strong soil dumping ability enhance the hard soil drilling performance.

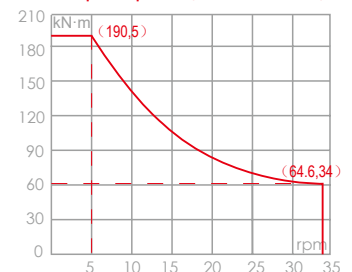
Main winch with fast speed: new balance valve technology can reduce pressure loss effectively. Main winch speed is increased by 5% to shorten lifting and lowering time.

Economy and energy saving: equipped with the durable engine proven by the market; SANY self-developed power control technology can distribute the power in real time, enables fast response speed and low fuel consumption.

High reliability: the structure parts with high design standard has passed the strict system test; no crack and no deformation, reduce maintenance cost.

Intelligence upgrade: 10-inch HD touch screen, fast response time and more convenient for operation; EVI mobile exclusive APP supports remote real-time monitoring for the equipment.

Torque-Speed (standard mode)



Torque-Pressure (rock drilling mode)

