

Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	3000/3500	①
Max. drilling depth	m	150/125/100	②
Rotary drive			
Rated output torque	kN·m	575	
Rotation speed	rpm	4~22	
Crowd system			
Crowd force	kN	460	
Line pull	kN	535	
Stroke	mm	11500	
Main winch			
Lifting capacity	kN	680	
Wire rope diameter	mm	46	
Max. line speed	m/min	60	
Auxiliary winch			
Lifting capacity	kN	168	
Wire rope diameter	mm	26	
Max. line speed	m/min	60	
Mast inclination			
Forward/backward	°	90/15	
Lateral	°	±3	
Main Chassis			
Base engine	/	TAD1651VE	VOLVO
Engine power	kW/rpm	450/1800	
Exhaust emission	/	China Stage III	
Engine displacement	L	16.12	
Width retracted/extended	mm	3900-5500	
Track shoe width	mm	960	
Swing radius	mm	5640	
Overall machine			
Overall height	mm	37525	
Operating weight	t	210	
Transport width	mm	3900	
Transport height	mm	3800	
Transport length	mm	9185	③

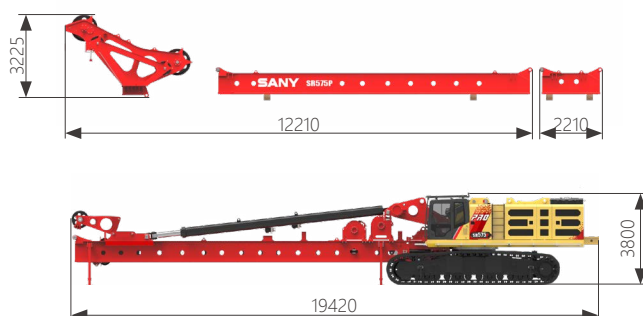
①: uncased/cased

②: friction kelly / inter-locking kelly

③: chassis transported separately

Kelly bar	Weight(kg)	Depth(m)	Option	
Inter-locking kelly	Φ630×4×23	27800	84	Standard
Friction kelly	Φ630×4×25	30200	92	
	Φ630×4×27	32300	100	
Friction kelly	Φ630×5×27	33000	125	
	Φ630×6×26	34400	150	

Note: SANY drill pipe can be customized according to actual demand



INTELLIGENT , LARGE DIAMETER and DEEP PILE

SR575P is suitable for construction of large pile foundation in hard stratum such as large building, sea-crossing/rive-crossing bridge, highspeed railway, etc. It has the ability of entering rock with large diameter and depth of more than 100 meters, regardless of the ever-changing underground conditions.

Strong rock drilling ability: low gravity center, more stable; the new generation of rotary drive can stably output abundant torque, perfect balance between crowd and lifting force, ensure high efficiency during rock drilling.

Strong power: high-power engine with power control technology allows real-time power allocation, meet variable load condition for large diameter pile. Efficient heat dissipation system, intelligent temperature control and noise reduction.

High reliability: the chassis, mast and rotary drive are designed with high standard to resist impact load. The main rope wound in singlelayer, no extrusion, no wear, long lifetime and low cost.

Intelligent assistance: automatic drilling, automatic soil dumping, automatic rotation, memory handle and other functions to further improve construction efficiency and operation experience. EVI mobile APP remote real-time monitoring, one-click ordering and group management, enjoy intimate service.

Comfortable control: HD touch screen, quick response, easy to learn and use; new generation cab with large operation space, equipped with air suspension seat, good vibration reduction; one-click start, Bluetooth music and other functions enhance the operation experience.

Convenient maintenance: automatic central lubrication saves time and effort, centralized replacement of filter element; supporting trestle pin s-haft self-disassembly device and hydraulic quick change joint, convenient disassembly and quick transfer

