



SR140

SANY®

Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	1300	1500 ①
Max. drilling depth	m	45/36	②
Rotary drive			
Rated output torque	kN·m	140	
Rotation speed	rpm	6~45	
Crowd system			
Crowd force	kN	120	
Line pull	kN	160	
Stroke	mm	3700	
Main winch			
Lifting capacity	kN	160	
Wire rope diameter	mm	24	
Max. line speed	m/min	80	
Auxiliary winch			
Lifting capacity	kN	60	
Wire rope diameter	mm	14	
Max. line speed	m/min	75	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	±3	
Main Chassis			
Base engine	/	4HK1	ISUZU
Engine power	kW/rpm	133/2000	
Exhaust emission	/	China Stage III	
Engine displacement	L	5.193	
Width retracted/extended	mm	2550-3650	
Track shoe width	mm	600	
Swing radius	mm	3680	
Overall machine			
Overall height	mm	16490	
Operating weight	t	37	
Transport width	mm	2660	2550 ③
Transport height	mm	3435	
Transport length	mm	14530	

①: Optional

②: Friction kelly / inter-locking kelly

③: Width when dismantling the cab bridge platform

Kelly bar		Weight(kg)	Depth(m)	Option
Inter-locking kelly	Φ351×4×10	4600	36	Standard
Friction kelly	Φ351×5×10	4600	45	

Note: Drilling depth with bucket 1500 mm long
SANY drill pipe can be customized according to actual demand

LEAPFROG CHALLENGE , FLEXIBLE TRANSFER

SR140 is suitable for pile construction in small towns, foundation piles of low-rise building, slope protection pile of high-rise building and power pile construction. The minimum pile diameter is only Φ450mm, small and flexible, and can work in a narrow space.

High efficiency: the whole machine is design-optimized, low pressure loss, fast speed and easy to operate; equipped with multigear rotary drive, automatic soil dumping function, automatic soil shaking function, ensure high drilling efficiency.

Economy and fuel saving: powerful, reliable and durable, low fuel consumption and low operating cost.

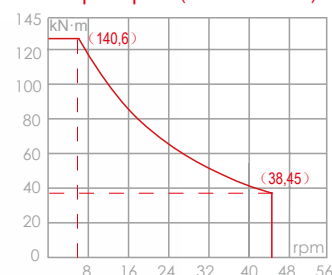
Easy to transport: the Kelly bar can be transported with the base machine. Transport dimensions do not exceed the limit, saving cost. With large walking traction, it is suitable for field construction and rural town roads. The minimum crawler width is only 2550mm, it can easily pass a narrow space.

Safe and comfortable: 10-inch HD touch screen, fast response time and more convenient for operation. With a smartphone APP EVI, it can realize remote real-time monitoring, one-click service call and group management.

Pleasant operating: reasonable layout, comfortable operation; air suspension seat has good vibration reduction effect, avoid fatigue; air conditioner with high power, fearless of severe cold and heat; enhanced top guardrail and extreme weather warning provide double protection.

Convenient maintenance: engine and hydraulic system set on the side position to have a large maintenance space; integrated electric control cabinet realizes modular management and control; fault selfdiagnosis technology facilitates maintenance and service.

Torque-Speed(standard mode)



Torque-pressure(Rock drilling mode)

