



# SR155

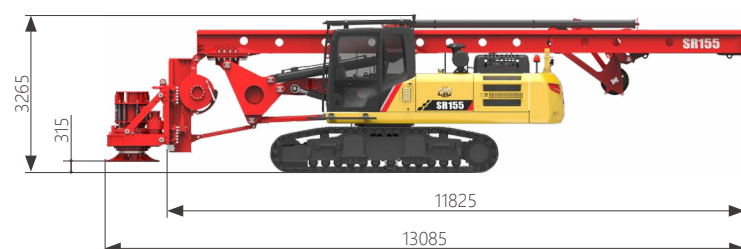
# SANY®

Main performances	Unit	Parameter	Remark
<b>Pile</b>			
Max. drilling diameter	mm	1500	
Max. drilling depth	m	55/44	①
<b>Rotary drive</b>			
Rated output torque	kN·m	155	
Rotation speed	rpm	5~35	
<b>Crowd system</b>			
Crowd force	kN	155	
Line pull	kN	160	
Stroke	mm	4200	
<b>Main winch</b>			
Lifting capacity	kN	160	
Wire rope diameter	mm	26	
Max. line speed	m/min	80	
<b>Auxiliary winch</b>			
Lifting capacity	kN	60	
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	/	D06FRC-TAA	Mitsubishi
Engine power	kW/rpm	147/2100	
Exhaust emission	/	China Stage III	
Engine displacement	L	6.373	
Width retracted/extended	mm	3100-4100	
Track shoe width	mm	700	
Swing radius	mm	3715	
<b>Overall machine</b>			
Overall height	mm	18600	
Operating weight	t	48	
Transport width	mm	3100	
Transport height	mm	3265	
Transport length	mm	13085	

①: Friction kelly / inter-locking kelly

Kelly bar		Weight(kg)	Depth(m)	Option
Inter-locking	Φ377×4×11	6100	40	Standard
kelly	Φ377×4×12	6600	44	
Friction kelly	Φ377×4×12	6100	44	
	Φ377×5×12	5800	55	

Note: Drilling depth with bucket 1500 mm long



## FLEXIBLE, EFFICIENT AND ENERGY SAVING

SR155 is suitable for small and medium-sized pile foundation projects in towns, municipal engineering and factory constructions. It has the characteristics of high efficiency, flexibility, energy saving, reliability and strong adaptability.

**Flexible:** the machine is flexible and easy to operate; during construction, the compound action is consistent and smooth, enables the high drilling efficiency.

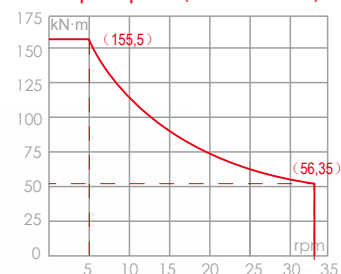
**Economy and energy saving:** the abundant power can be distributed in real time, improves the utilization rate, reduces fuel consumption and saves costs.

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

**Convenient transportation:** small overall size and light weight, barrier free in city transportation.

**Intelligent control:** 10-inch HD touch screen, fast response time, animation without delay, user-friendly interface, more convenient for operation; EVI mobile exclusive APP supports remote real-time monitoring for the equipment states and construction, one-click service call and group management, etc.

Torque-Speed (standard mode)



Torque-Pressure (rock drilling mode)

