



品质改变世界
Quality Changes the World

SR155



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品质改变世界



SR155

2022 ROTARY DRILLING RIG



- Max. drilling diameter 1.5m
- Max. drilling depth 55m
- Rated output torque 155kN·m
- Engine power 147kW/2100rpm



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Main performances	Unit	Parameter	Remark
Pile			
Max. drilling diameter	mm	1500	
Max. drilling depth	m	55/44	①
Rotary drive			
Rated output torque	kN·m	155	
Rotation speed	rpm	5~35	
Crowd system			
Crowd force	kN	155	
Line pull	kN	160	
Stroke	mm	4200	
Main winch			
Lifting capacity	kN	160	
Wire rope diameter	mm	26	
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	/	D06FRC-TAA	Mitsubishi
Engine power	kW/rpm	147/2100	
Exhaust emission	/	China Stage III	
Engine displacement	L	6.373	
Extension width	mm	4100	
Track shoe width	mm	700	
Swing radius	mm	3715	
Overall machine			
Overall height	mm	18590	
Operating weight	t	48	
Transport width	mm	3100	
Transport height	mm	3265	
Transport length	mm	13085	

①: Friction kelly / interlocking kelly

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

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.

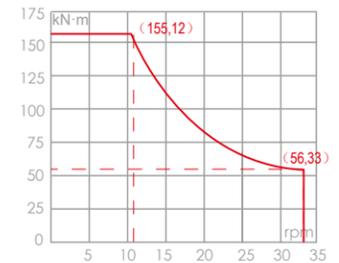
Economy and energy saving: the abundant power can be distributed in real time, improves the utilization rate, reduces fuel consumption and saves costs.

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)

