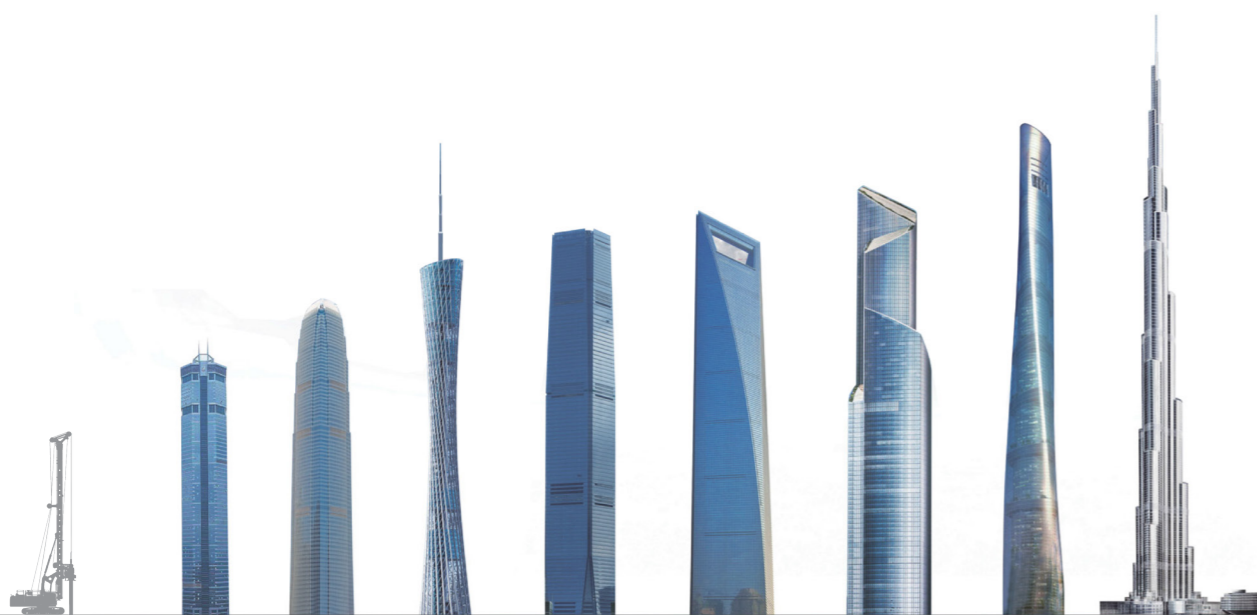


The world's **height** is determined by our drilling **depth**



d10

*Rotate wonderful new era
drill deep great future*



2017 Rotary Drilling Rig

SR205

- Engine Power 212kW/2000rpm
- Max. pile diameter 1.8m
- Max. pile depth 64/51m

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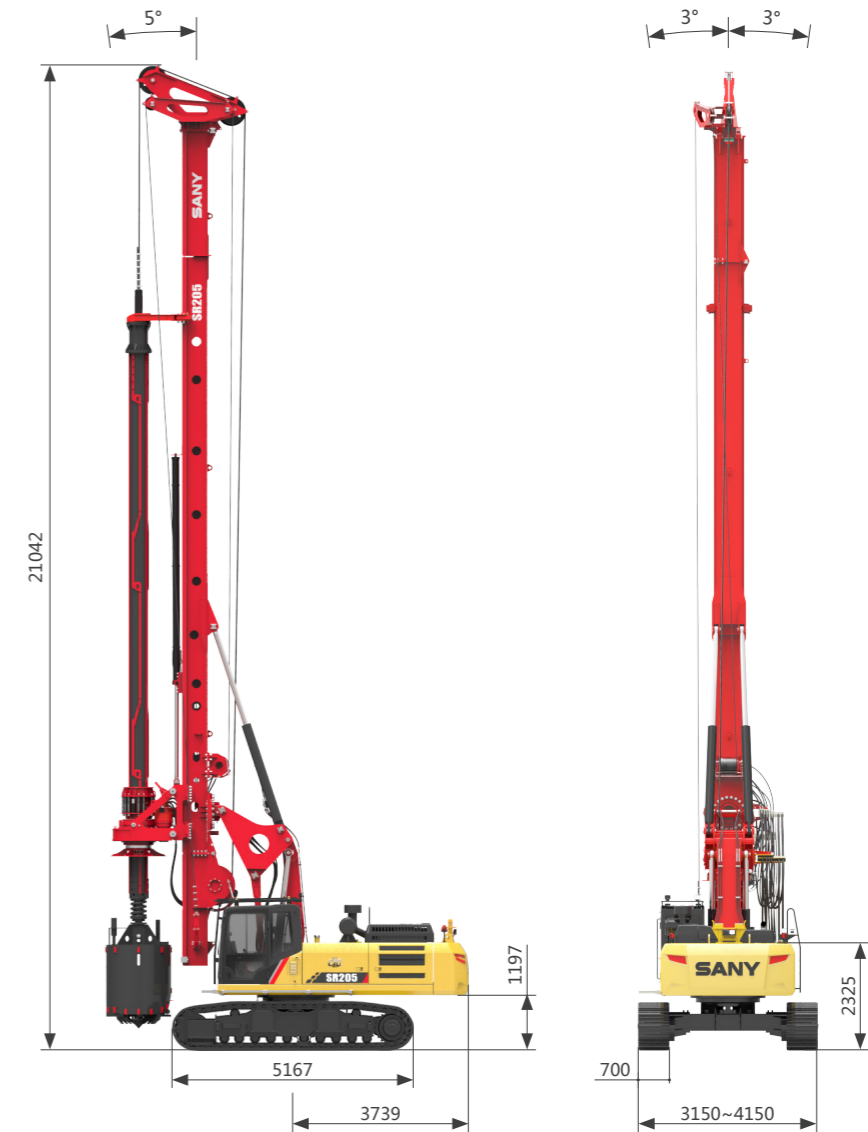


Main performances	Unit	Parameter	Remark
Pile			
Max. pile diameter	mm	1800	
Max. pile depth	m	64/51	friction kelly/inter-locking kelly
Rotary Drive			
Max. output torque	kN·m	205	
Speed of rotation	rpm	5~30	
Crowd system			
Crowd force	kN	165	
Line pull	kN	160	
Stroke	mm	4,200	
Main winch			
Line pull	kN	185	
Rope diameter	mm	28	
Max. line speed	m/min	75	
Auxiliary winch			
Line pull	kN	60	
Rope diameter	mm	14	
Max. line speed	m/min	75	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	±3	
Main Chassis			
Base engine		ISUZU 6HK1X	
Engine power	kW/rpm	212/2,000	
Emission regulation		COM III/R96	
Engine displacement	L	7.79	
Chassis length	mm	6,377	
Extended width	mm	4,180	
Track shoe width	mm	700	
Swing radius	mm	3,805	backside
Overall machine			
Overall height	mm	21,042	
Operating weight	t	63	
Transport width	mm	3,212	
Transport height	mm	3,560	

Configuration table	Option	Option	Option
MAST SYSTEM :			
Mast verticality measuring	●	Crowd force measuring	●
Mast sideward limits	●	Rotating speed measuring	●
Boom working range measuring	●	Torque measuring	●
Cab anticollision protection	●	Multi-gear control system	●
MAIN WINCH :			
Overload measuring	●	Oil pressure measuring device	●
Ground touching protection	●	All-directional lighting system	●
Freewheel control	●	Slew angle measuring	●
Fast lowering	●	Emergency stop switch	●
Camera monitoring system	●	Slew siren	●
Speed measuring	●	Diesel-electric pump	●
Depth measuring	●	Auto idle model	●
Upper limit protection function	●	Low temperature preheat unit	○
AUXILIARY WINCH :			
Upper limit protection function	●	Integrated overload protection	●
CROWD SYSTEM :			
Cylinder crowd system	●	Radio	●

● Standard ○ Optional

Working dimensions



Lowering the mast dimensions



Type of kelly bar

Friction kelly	Depth(m)	Inter-locking kelly	Depth(m)
Φ406 × 5 × 14	64	Φ406 × 4 × 14	51