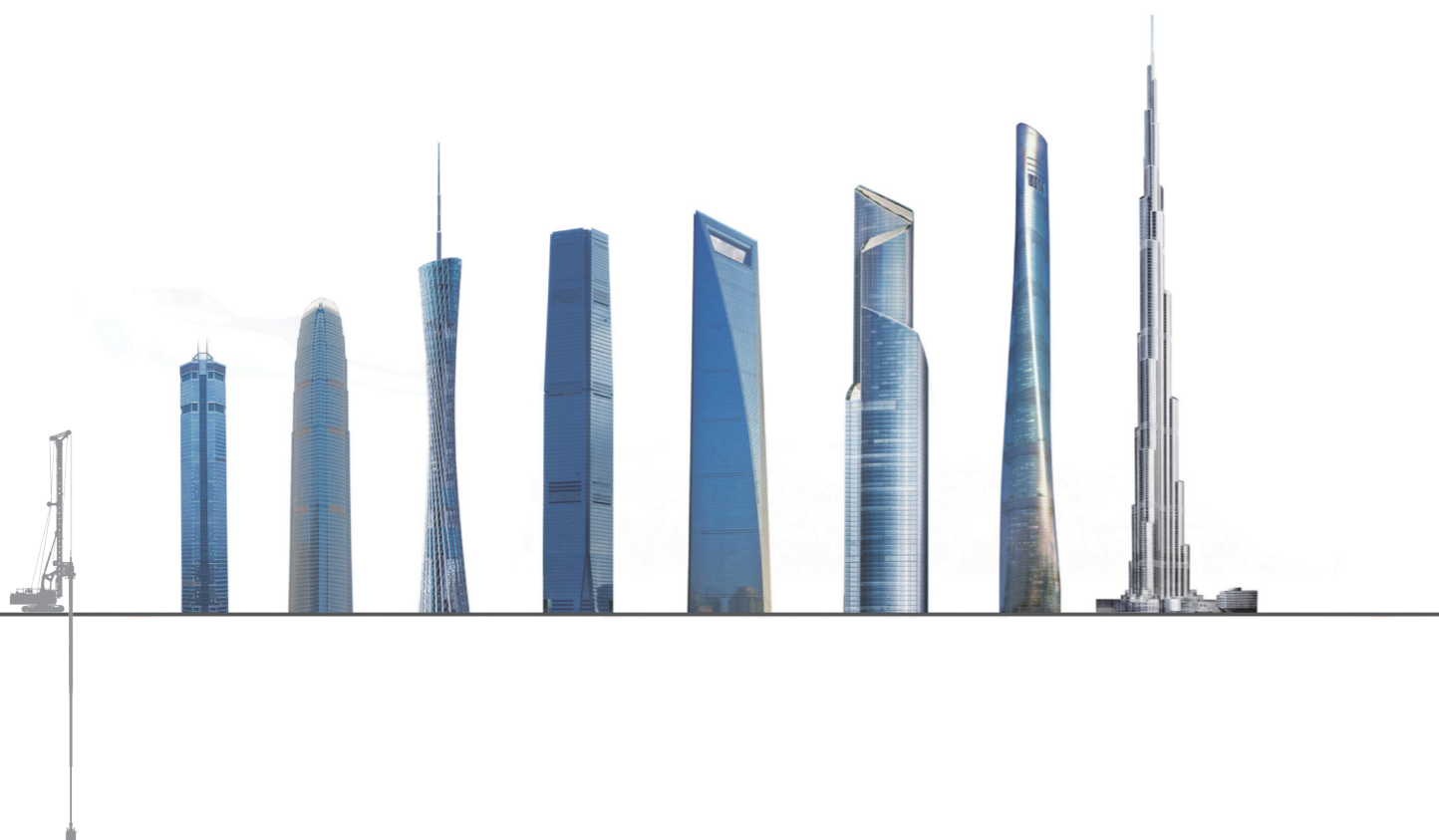


The world's **height** is determined by our drilling **depth**

W10

*Rotate wonderful new era
drill deep great future*



2017 Rotary Drilling Rig

SR235

- Engine Power 257kW/2000rpm
- Max. pile diameter 2.0m
- Max. pile depth 68/54m

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W10

Main performances	Unit	Parameter	Remark
Pile			
Max. pile diameter	mm	2,000/1,500	none casing/casing
Max. pile depth	m	68/54	friction kelly/inter-locking kelly
Rotary Drive			
Max. output torque	kN-m	235	
Speed of rotation	rpm	5~27	
Crowd system			
Crowd force	kN	210	
Line pull	kN	270	
Stroke	mm	15,000	
Main winch			
Line pull	kN	235	
Rope diameter	mm	32	
Max. line speed	m/min	70	
Auxiliary winch			
Line pull	kN	80	
Rope diameter	mm	20	
Max. line speed	m/min	70	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	±3	
Main Chassis			
Base engine		ISUZU 6UZ1X	
Engine power	kW/rpm	257/2,000	
Emission regulation		COM III /R96	
Engine displacement	L	9.84	
Chassis length	mm	7,265	
Extended width	mm	4,500	
Track shoe width	mm	800	
Swing radius	mm	4,360	backside
Overall machine			
Overall height	mm	22,870	
Operating weight	t	81	
Transport width	mm	3,542	
Transport height	mm	3,576	

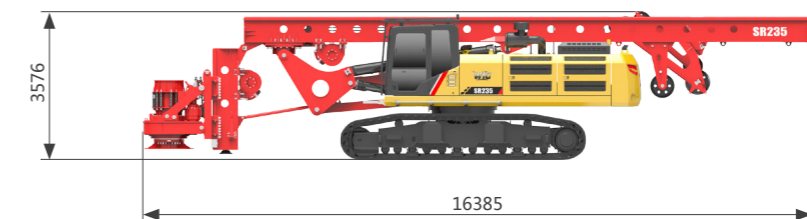
Configuration table	Option	Option	Option
MAST SYSTEM :			
Mast verticality measuring	●	Cylinder crowd system	● Radio
Mast sideward limits	●	Crowd force measuring	● Gradiometer
Boom working range measuring	●	ROTARY DRIVE :	○ Anemometer
Cab anticollision protection	●	Torque measuring	● Caution light
MAIN WINCH :		Multi-gear control system	● OPERATION SYSTEM :
Overload measuring	●	MAIN CHASSIS :	10-inch touch screen
Ground touching protection	●	Oil pressure measuring device	● SANY-ADMS control system
Freewheel control	●	All-directional lighting system	● E-Pad
Fast lowering	●	Slew angle measuring	● Central test point
Camera monitoring system	●	Emergency stop switch	● Fault self-diagnosis system
Speed measuring	●	Slew siren	● Intelligent construction management system
Depth measuring	●	Diesel-electric pump	●
Upper limit protection function	●	Auto idle model	● All-directional camera monitoring system
AUXILIARY WINCH :		Low temperature preheat unit	○
Upper limit protection function	●	Integrated overload protection	● Digital simulation animation
CROWD SYSTEM :		Casing driver	○ Auto/manual mast verticality-adjusting
		Air-conditioner	●

● Standard ○ Optional

Working dimensions



Lowering the mast dimensions



Type of kelly bar

Friction kelly	Depth(m)	Inter-locking kelly	Depth(m)
Φ445 × 5 × 14	63	Φ445 × 3 × 15	40
Φ445 × 5 × 15	68	Φ445 × 4 × 14	50
		Φ445 × 4 × 15	54