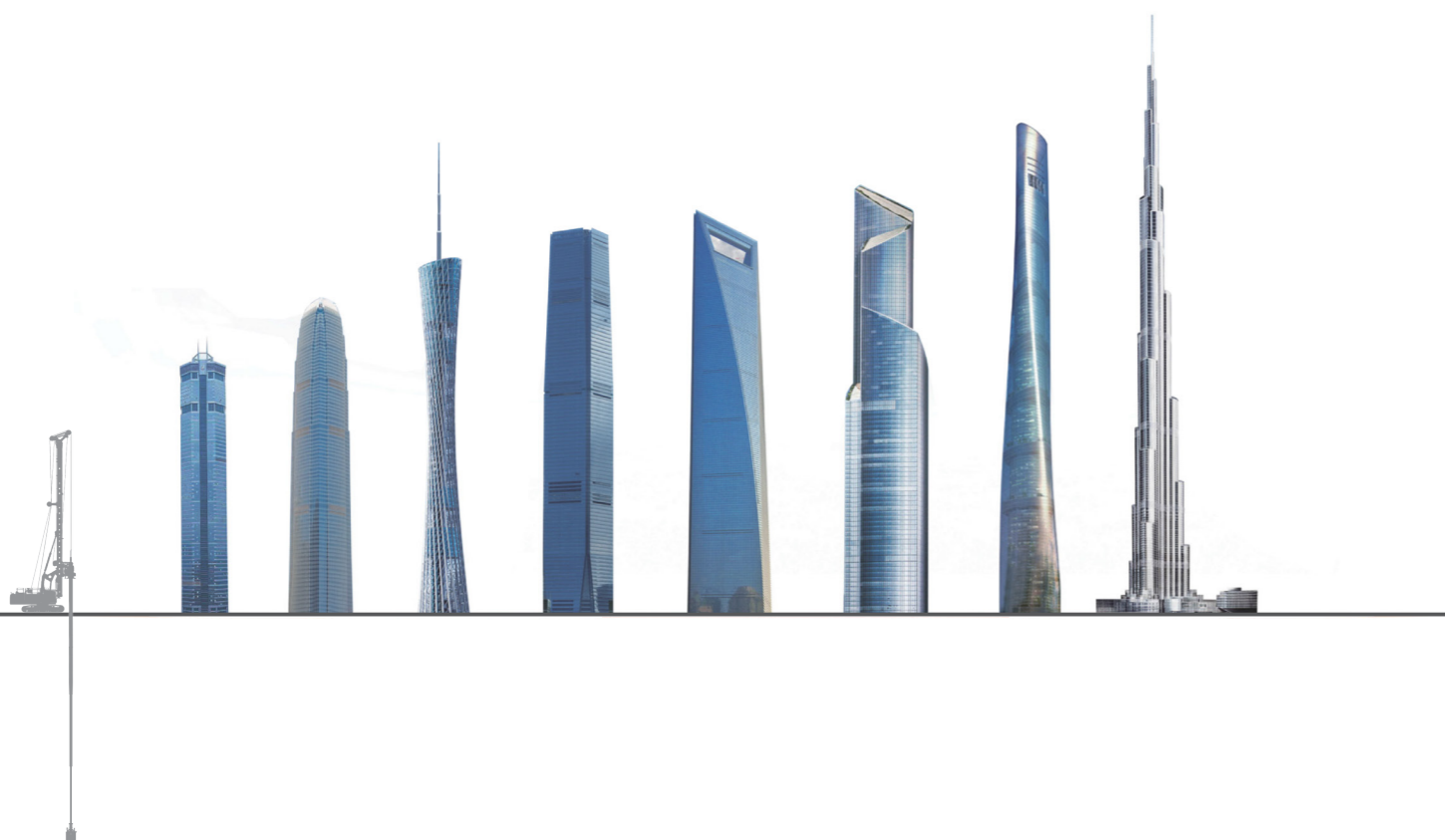


The world's **height** is determined by our drilling **depth**



W10

*Rotate wonderful new era
drill deep great future*



2017 Rotary Drilling Rig

SR285RW10

- Engine Power 300kW/1800rpm
- Max. pile diameter 2.2m
- Max. pile depth 93.5/61m

SANY GROUP CO., LTD.

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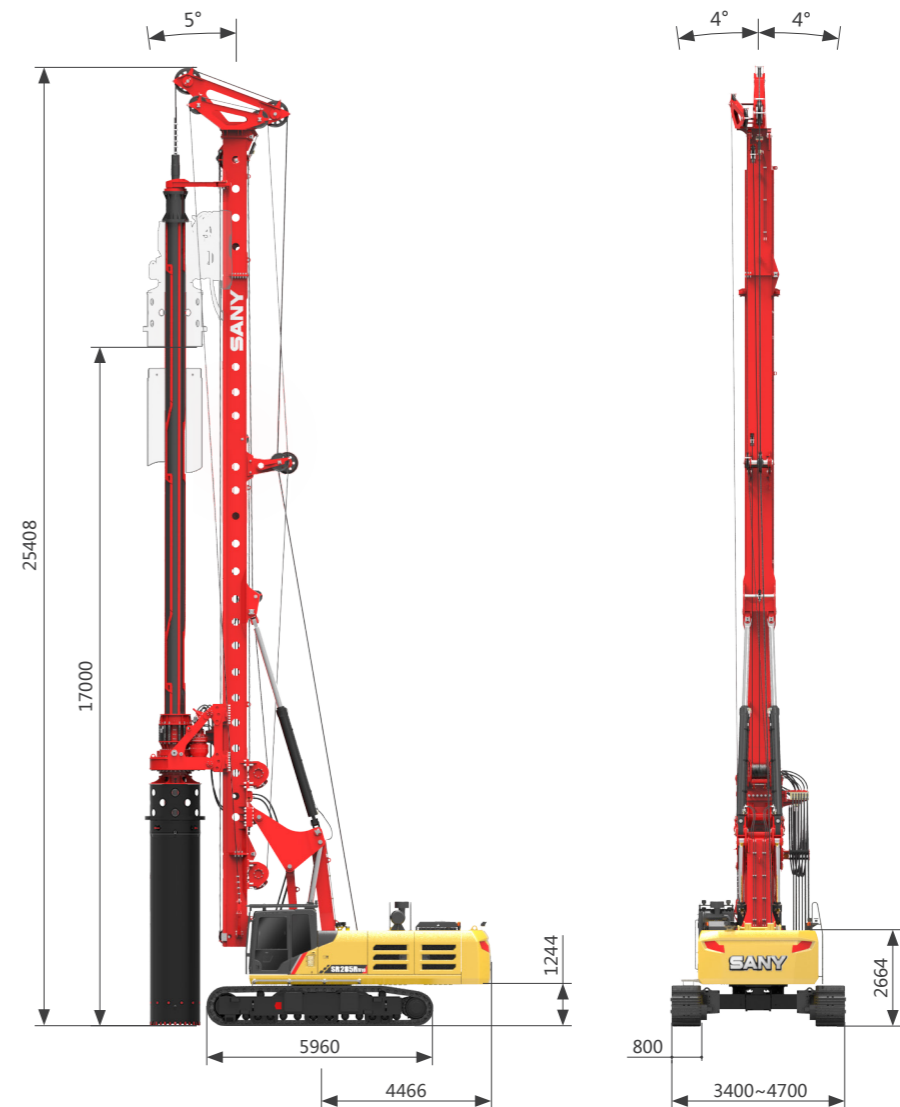


Main performances	Unit	Parameter	Remark
Pile			
Max. pile diameter	mm	2,200/1,900	none casing/casing
Max. pile depth	m	93.5/61	friction kelly/inter-locking kelly
Rotary Drive			
Max. output torque	kN·m	285	
Speed of rotation	rpm	5~24	
Crowd system			
Crowd force	kN	260	
Line pull	kN	280	
Stroke	mm	17,100	
Main winch			
Line pull	kN	330	
Rope diameter	mm	36	
Max. line speed	m/min	70	
Auxiliary winch			
Line pull	kN	90	
Rope diameter	mm	20	
Max. line speed	m/min	70	
Mast inclination			
Forward/backward	°	5/90	
Lateral	°	±4	
Main Chassis			
Base engine		ISUZU AH-6WG1X	
Engine power	kW/rpm	300/1,800	
Emission regulation		COM III /R96	
Engine displacement	L	15.68	
Chassis length	mm	7,473	
Extended width	mm	4,700	
Track shoe width	mm	800	
Swing radius	mm	4,530	backside
Overall machine			
Overall height	mm	25,408	
Operating weight	t	105	with a standard kelly and the largest bucket
Transport width	mm	3,473	
Transport height	mm	3,611	

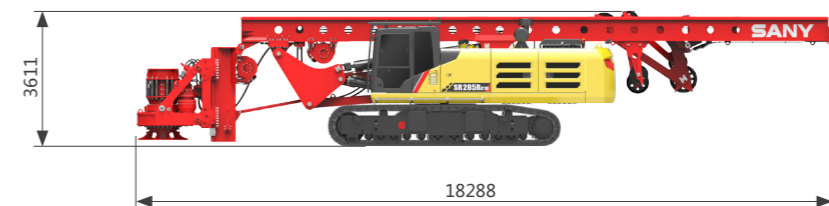
Configuration table	Option	Option	Option
MAST SYSTEM :			
Mast verticality measuring	●	The last three circles limit protection function	○
Mast sideward limits	●	CROWD SYSTEM :	
Masthead cylinder	●	Winch crowd system	●
Boom working range measuring	●	Tensioning cylinder	●
Cab anticollision protection	●	Upper limit protection function	●
MAIN WINCH :			
Overload measuring	●	ROTARY DRIVE :	
Ground touching protection	●	Torque measuring	●
Freewheel control	●	Speed measuring	●
Fast lowering	●	Multi-gear control system	●
Camera monitoring system	●	MAIN CHASSIS :	
Speed measuring	●	Oil pressure measuring device	●
Depth measuring	●	All-directional lighting system	●
Upper limit protection function	●	Slew angle measuring	●
The last three circles limit - protection function	○	Emergency stop switch	●
AUXILIARY WINCH :			
Overload measuring	●	Diesel-electric pump	●
Upper limit protection function	●	Auto centralized lubricating-system	●
		Auto idle model	●

● Standard ○ Optional

Working dimensions



Lowering the mast dimensions



Type of kelly bar

Friction kelly	Weight(kg)	Depth(m)	Inter-locking kelly	Weight(kg)	Depth(m)
Φ508×6×12	12,000	61.5	Φ508×3×15	13,900	40
Φ508×6×14	13,700	75.5	Φ508×4×13	10,900	45
Φ508×6×15	14,600	81.5	Φ508×4×14	11,700	49
Φ508×6×16	15,300	87.5	Φ508×4×15	12,500	53
Φ508×6×17	15,900	93.5	Φ508×4×16	13,100	57
			Φ508×4×17	13,700	61

● Standard ★ Recommended equipment
★ Equipped with the maximum length kelly bar for 6.5m casing