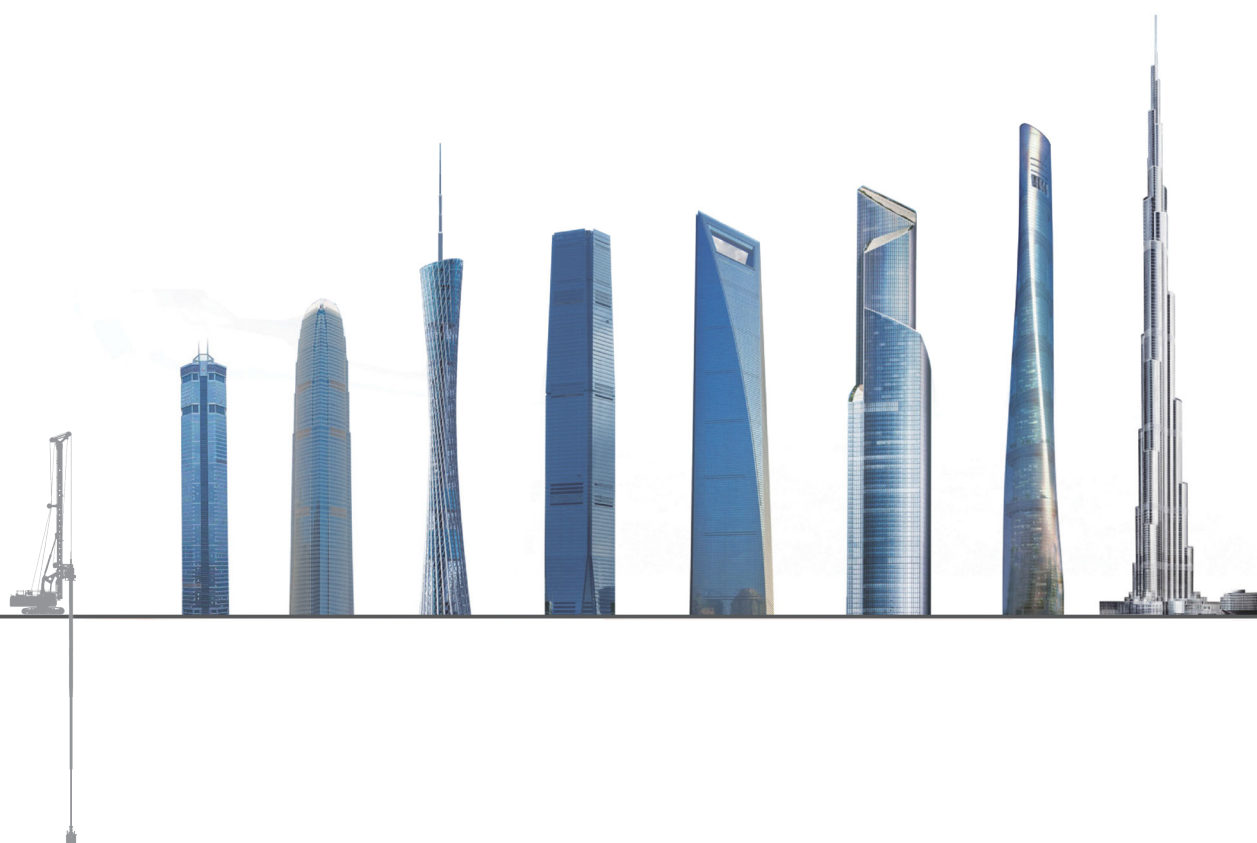


The world's **height** is determined by our drilling **depth**



CLD

*Rotate wonderful new era
drill deep great future*



2017 Rotary Drilling Rig

SR155

- Engine power 147kW/2050rpm
- Max. pile diameter 1.5m
- Max. pile depth 56/44m

SANY GROUP CO., LTD.

Address: SANY Industry Park, Economic and Technological
Development Zone, Changsha, Hunan, China
Service Hotline: 0086-731-85835199
E-mail: sales@sany.com.cn
Website: www.sanyglobal.com



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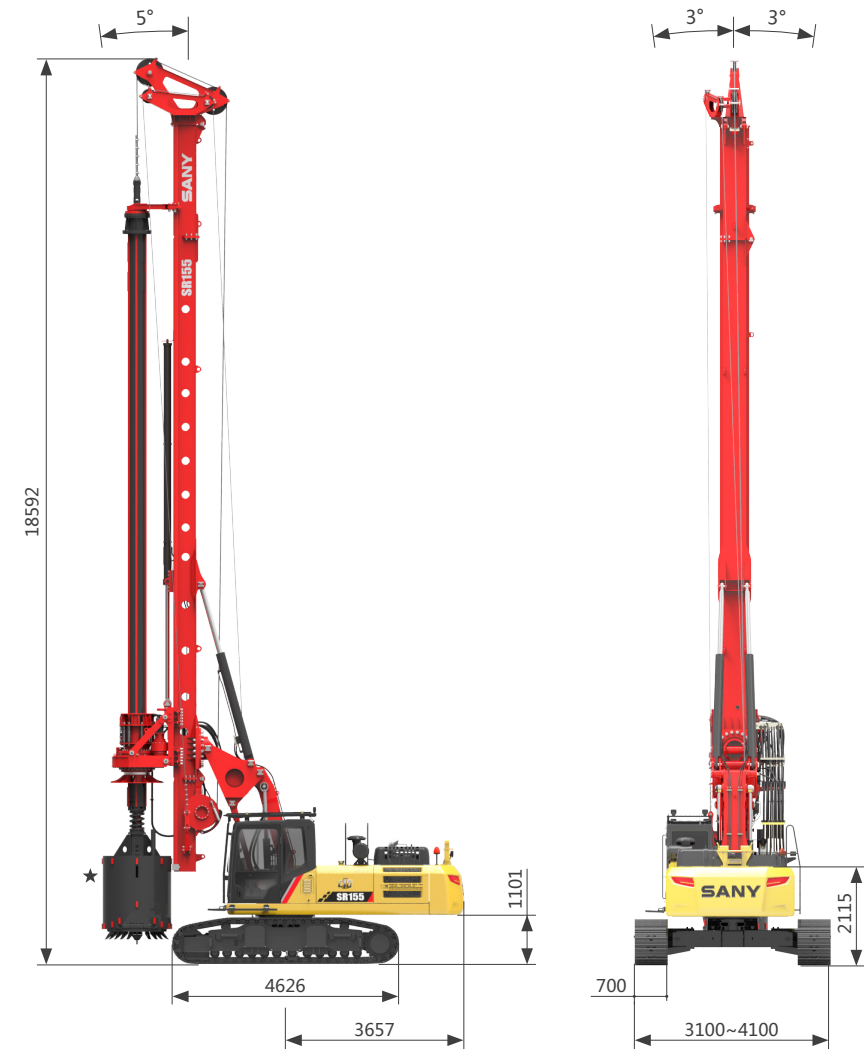


| Main performances | Unit | Parameter | Remark |
|-------------------------|--------|-----------------------|------------------------------------|
| Pile | | | |
| Max. pile diameter | mm | 1,500 | |
| Max. pile depth | m | 56/44 | friction kelly/inter-locking kelly |
| Rotary Drive | | | |
| Max. output torque | kN-m | 155 | |
| Speed of rotation | rpm | 5~35 | |
| Crowd system | | | |
| Crowd force | kN | 155 | |
| Line pull | kN | 160 | |
| Stroke | mm | 4,200 | |
| Main winch | | | |
| Line pull | kN | 160 | |
| Rope diameter | mm | 26 | |
| Max. line speed | m/min | 80 | |
| 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 | | Mitsubishi D06FRC-TAA | |
| Engine power | kW/rpm | 147/2,050 | |
| Emission regulation | | COM III /R96 | |
| Engine displacement | L | 6.373 | |
| Chassis length | mm | 5,972 | |
| Extended width | mm | 4,100 | |
| Track shoe width | mm | 700 | |
| Swing radius | mm | 3,717 | backside |
| Overall machine | | | |
| Overall height | mm | 18,592 | |
| Operating weight | t | 48 | |
| Transport width | mm | 3,140 | |
| Transport height | mm | 3,262 | |

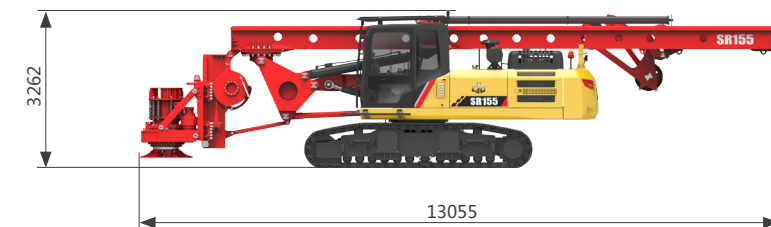
| Configuration table | Option | | Option | | Option |
|---------------------------------|--------|---------------------------------|----------------------|--|--------|
| MAST SYSTEM : | | | | | |
| Mast verticality measuring | ● | Crowd force measuring | ● | Radio | ● |
| Mast sideward limits | ● | ROTARY DRIVE : | ● | Gradiometer | ● |
| Boom working range measuring | ● | Rotating speed measuring | ● | Anemometer | ○ |
| Cab anticollision protection | ● | Torque measuring | ● | Caution light | ○ |
| | | Multi-gear control system | ● | OPERATION SYSTEM : | |
| MAIN WINCH : | | | | | |
| 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 | ● | All-directional camera monitoring system | ● |
| Upper limit protection function | ● | Auto idle model | ● | Digital simulation animation | ● |
| AUXILIARY WINCH : | | | | | |
| Upper limit protection function | ● | Integrated overload protection | ● | Auto/manual mast verticality-adjusting | ● |
| CROWD SYSTEM : | | | | | |
| Cylinder crowd system | ● | Air-conditioner | ● | | |

● Standard ○ Optional

Working dimensions



Lowering the mast dimensions



Type of kelly bar

| Friction kelly | Depth(m) | Inter-locking kelly | Depth(m) |
|----------------|----------|---------------------|----------|
| Φ377×5×12 | 56 | Φ377×3×10 | 26 |
| | | Φ377×4×12 | 44 |