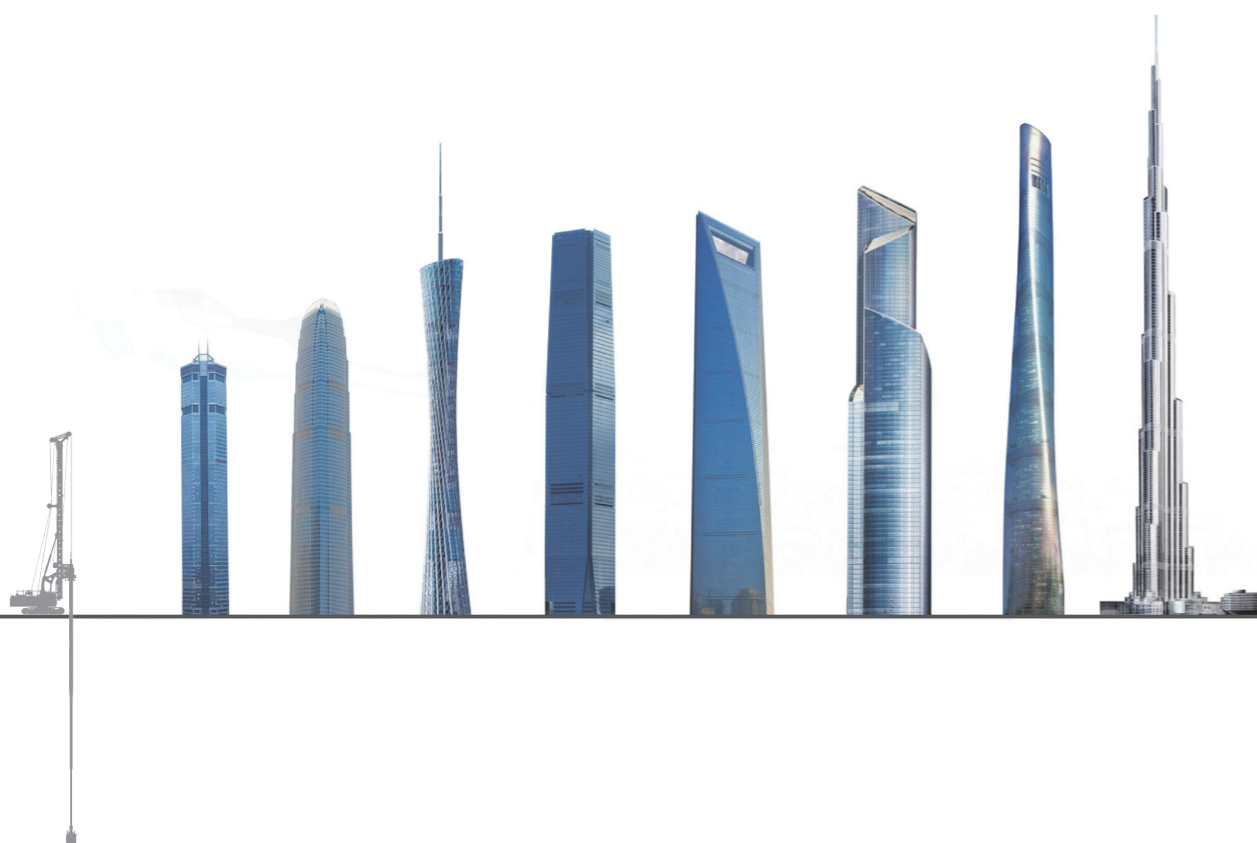


The world's **height** is determined by our drilling **depth**



**C10**

Rotate wonderful new  
drill deep great future

**2017 Rotary Drilling Rig**

**SR360R**

- Engine power            300kW/1800rpm
- Max. pile diameter            2.5m
- Max. pile depth            100/65m

**SANY GROUP CO., LTD.**

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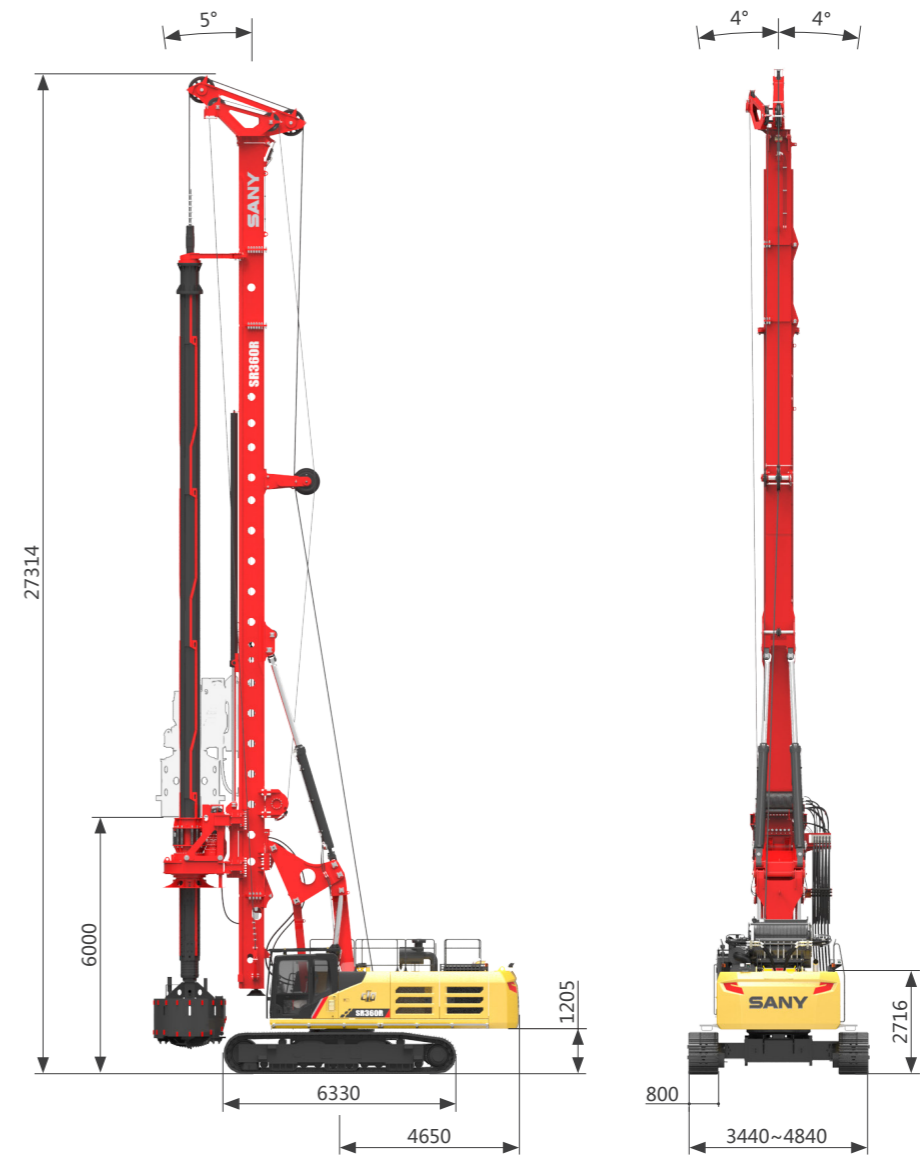


| Main performances       | Unit   | Parameter    | Remark                             |
|-------------------------|--------|--------------|------------------------------------|
| <b>Pile</b>             |        |              |                                    |
| Max. pile diameter      | mm     | 2,500        |                                    |
| Max. pile depth         | m      | 100/65       | friction kelly/inter-locking kelly |
| <b>Rotary Drive</b>     |        |              |                                    |
| Max. output torque      | kN-m   | 360          |                                    |
| Speed of rotation       | rpm    | 5~25         |                                    |
| <b>Crowd system</b>     |        |              |                                    |
| Crowd force             | kN     | 290          |                                    |
| Line pull               | kN     | 250          |                                    |
| Stroke                  | mm     | 6,000        |                                    |
| <b>Main winch</b>       |        |              |                                    |
| Line pull               | kN     | 360          |                                    |
| Rope diameter           | mm     | 36           |                                    |
| Max. line speed         | m/min  | 75           |                                    |
| <b>Auxiliary winch</b>  |        |              |                                    |
| Line pull               | kN     | 90           |                                    |
| Rope diameter           | mm     | 20           |                                    |
| Max. line speed         | m/min  | 70           |                                    |
| <b>Mast inclination</b> |        |              |                                    |
| Forward/backward        | °      | 4/90         |                                    |
| Lateral                 | °      | ±4           |                                    |
| <b>Main Chassis</b>     |        |              |                                    |
| Base engine             |        | ISUZU 6WG1X  |                                    |
| Engine power            | kW/rpm | 300/1,800    |                                    |
| Emission regulation     |        | COM III /R96 |                                    |
| Engine displacement     | L      | 15.68        |                                    |
| Chassis length          | mm     | 7,850        |                                    |
| Extended width          | mm     | 4,840        |                                    |
| Track shoe width        | mm     | 800          |                                    |
| Swing radius            | mm     | 4,705        | backside                           |
| <b>Overall machine</b>  |        |              |                                    |
| Overall height          | mm     | 27,314       |                                    |
| Operating weight        | t      | 114          |                                    |
| Transport width         | mm     | 3,532        |                                    |
| Transport height        | mm     | 3,744        |                                    |

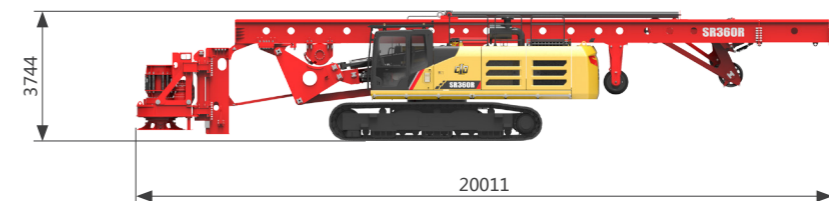
| Configuration table             | Option | Option                              | Option |
|---------------------------------|--------|-------------------------------------|--------|
| <b>MAST SYSTEM :</b>            |        |                                     |        |
| Mast verticality measuring      | ●      | Crowd force measuring               | ●      |
| Mast sideward limits            | ●      | <b>ROTARY DRIVE :</b>               | ●      |
| Masthead cylinder               | ●      | Rotating speed measuring            | ●      |
| Boom working range measuring    | ●      | Torque measuring                    | ●      |
| Cab anticollision protection    | ●      | Crowd self-adaption function        | ●      |
| <b>MAIN WINCH :</b>             |        |                                     |        |
| Overload measuring              | ●      | Multi-gear control system           | ●      |
| Ground touching protection      | ●      | <b>OPERATION SYSTEM :</b>           | ●      |
| Freewheel control               | ●      | 10-inch touch screen                | ●      |
| Fast lowering                   | ●      | Oil pressure measuring device       | ●      |
| Camera monitoring system        | ●      | All-directional lighting system     | ●      |
| Speed measuring                 | ●      | Slew angle measuring                | ●      |
| Depth measuring                 | ●      | Emergency stop switch               | ●      |
| Upper limit protection function | ●      | Slew siren                          | ●      |
| <b>AUXILIARY WINCH :</b>        |        |                                     |        |
| Upper limit protection function | ●      | Diesel-electric pump                | ●      |
| <b>CROWD SYSTEM :</b>           |        |                                     |        |
| Cylinder crowd system           | ●      | Auto centralized lubricating-system | ●      |
|                                 |        | Auto idle model                     | ●      |
|                                 |        | Low temperature preheat unit        | ○      |
|                                 |        | Integrated overload protection      | ●      |
|                                 |        | Casing driver                       | ○      |

● Standard ○ Optional

## Working dimensions



## Lowering the mast dimensions



## Type of kelly bar

| Friction kelly | Depth(m) | Inter-locking kelly | Depth(m) |
|----------------|----------|---------------------|----------|
| φ508×6×16      | 87.5     | φ508×3×15           | 40       |
| φ508×6×17      | 94       | φ508×4×16           | 57       |
| φ508×6×18      | 100      | φ508×4×17           | 61       |
|                |          | φ508×4×18           | 65       |