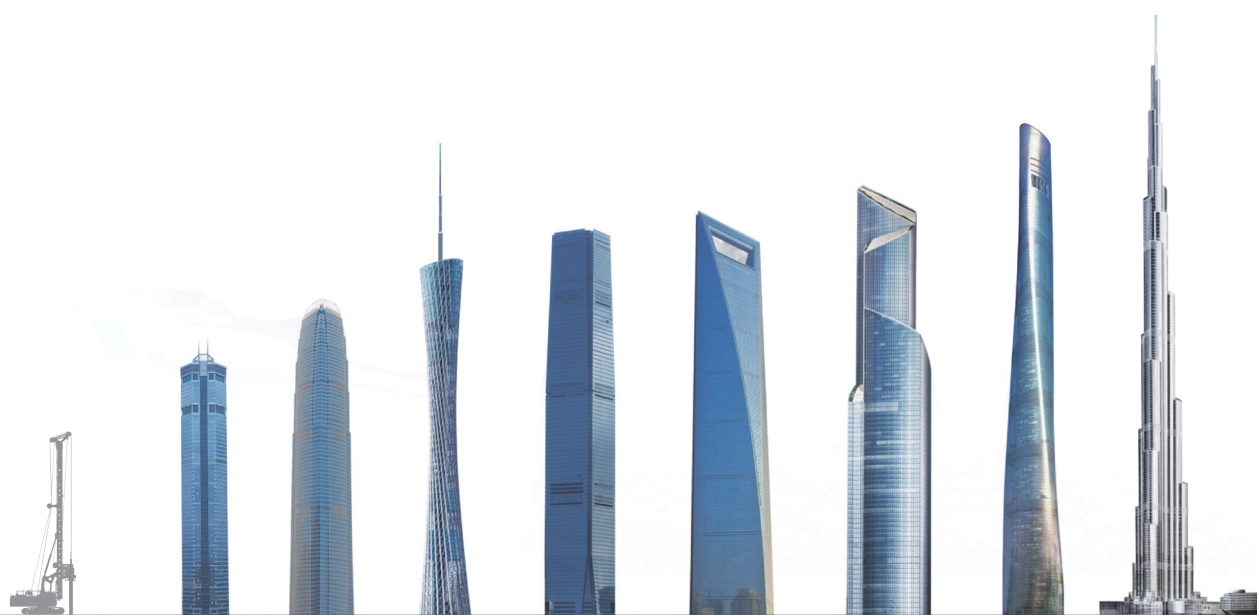


The world's **height** is determined by our drilling **depth**



**d10**

**Rotate** wonderful new era  
**drill** deep great future



**2017 Rotary Drilling Rig**

**SR360RC10**

- Engine power            300kW/1800rpm
- Max. pile diameter            3.0m
- Max. pile depth            106/69m

**SANY GROUP CO., LTD.**

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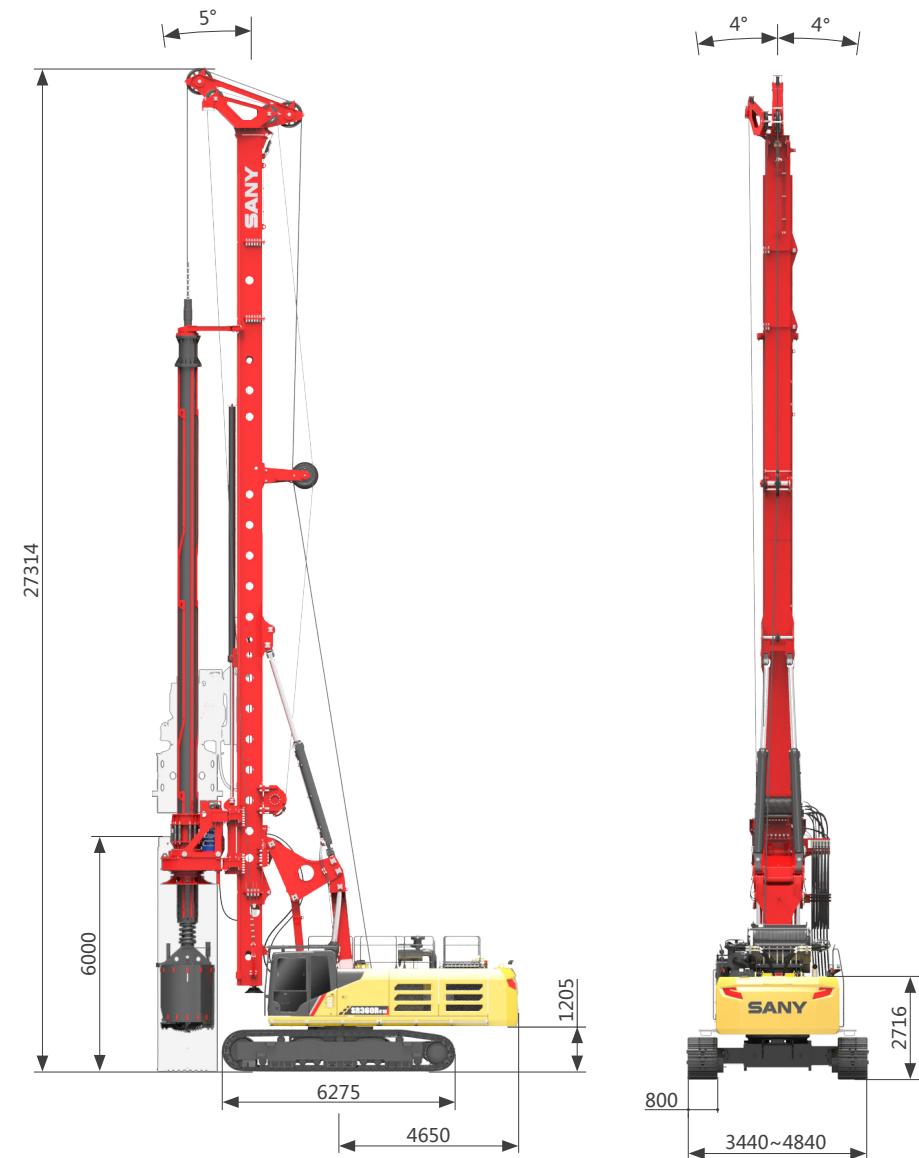
| Main performances       | Unit   | Parameter      | Remark                                       |
|-------------------------|--------|----------------|--|
| <b>Pile</b>             |        |                |  |
| Max. pile diameter      | mm     | 2,500          | 3,000(specific) <sup>Ⓞ</sup>                 |
| Max. pile depth         | m      | 106/69         | 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 AH-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            | with a standard kelly and the largest bucket |
| Transport width         | mm     | 3,532          |  |
| Transport height        | mm     | 3,744          |  |

Note : Ⓞ remove the lower mast, please contact Sany for kelly model.

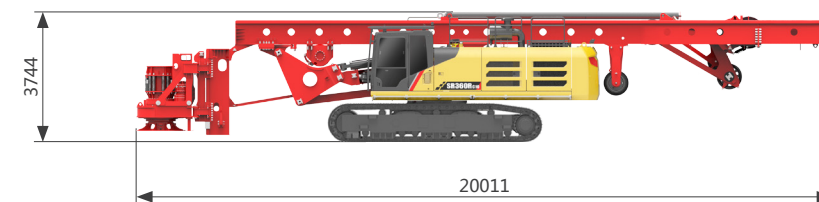
| Configuration table             | Option |                                     | Option |  | Option |
|---------------------------------|--------|-------------------------------------|--------|--|--------|
| <b>MAST SYSTEM :</b>            |        |                                     |        |  |        |
| Mast verticality measuring      | ●      | <b>ROTARY DRIVE :</b>               | ●      | Air-conditioner                            | ●      |
| Mast sideward limits            | ●      | Rotating speed measuring            | ●      | Radio                                      | ●      |
| Masthead cylinder               | ●      | Torque measuring                    | ●      | Gradiometer                                | ●      |
| Boom working range measuring    | ●      | Crowd self-adaption function        | ●      | Anemometer                                 | ○      |
| Cab anticollision protection    | ●      | Multi-gear control system           | ●      | Caution light                              | ○      |
| <b>MAIN WINCH :</b>             |        |                                     |        |  |        |
| Overload measuring              | ●      | <b>MAIN CHASSIS :</b>               | ●      | 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 centralized lubricating-system | ●      | Digital simulation animation               | ●      |
| <b>AUXILIARY WINCH :</b>        |        |                                     |        |  |        |
| Upper limit protection function | ●      | Auto idle model                     | ●      | Digital simulation animation               | ●      |
| <b>CROWD SYSTEM :</b>           |        |                                     |        |  |        |
| Cylinder crowd system           | ●      | Low temperature preheat unit        | ○      | Auto/manual mast verticality-adjusting     | ●      |
|                                 |        | Integrated overload protection      | ●      |  |        |
|                                 |        | Casing driver                       | ○      |  |        |

● 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) |
|----------------|------------|----------|---------------------|------------|----------|
| Φ508×6×14      | 13,700     | 75.5     | Φ508×4×14           | 11,700     | 49       |
| Φ508×6×15      | 14,600     | 81.5     | Φ508×4×15           | 12,500     | 53       |
| Φ508×6×16      | 15,300     | 87.5     | Φ508×4×16           | 13,100     | 57       |
| Φ508×6×17      | 15,900     | 94       | Φ508×4×17           | 13,700     | 61       |
| Φ508×6×18      | 16,800     | 100      | Φ508×4×18           | 14,600     | 65       |
| Φ508×6×19      | 17,300     | 106      | Φ508×4×19           | 15,500     | 69       |

● Standard ★ Recommended equipment Ⓞ Please contact with Sany for special advice  
★ Equipped with the maximum length kelly bar for 6m casing