



SANY
我们的深度决定世界的高度
Our drilling depth determines the height of the world



H10

SR360R

2020 Rotary Drilling Rig

Excellent performance
High efficiency



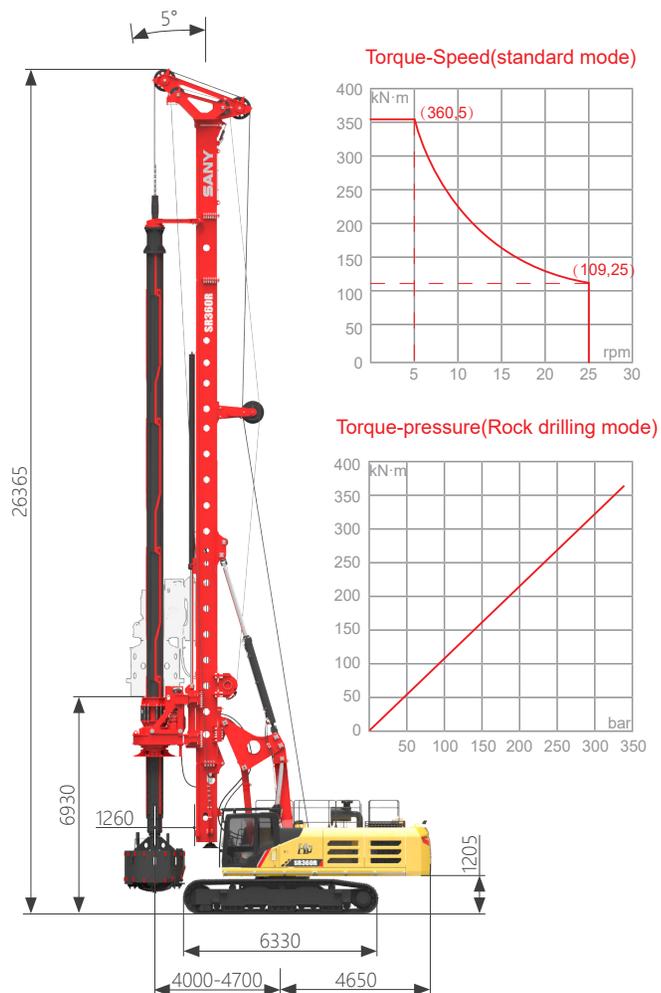
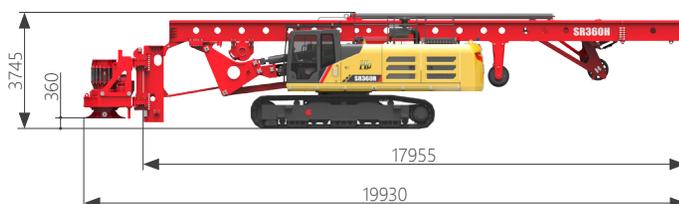
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- Max. drilling diameter 2.5m
- Max. drilling depth 100/65m
- Rated output torque 360kN·m
- Engine power 300kW/1800rpm

| Main performances | Unit | Parameter | Remark |
|-------------------------|--------|------------|--------|
| Pile | | | |
| Max. drilling diameter | mm | 2500 | |
| Max. drilling depth | m | 100/65 | ① |
| Rotary drive | | | |
| Rated output torque | kN · m | 360 | |
| Rotation Speed | rpm | 5~25 | |
| Crowd system | | | |
| Crowd force | kN | 290 | |
| Line pull | kN | 335 | |
| Stroke | mm | 6000 | |
| Main winch | | | |
| Lifting capacity | kN | 360 | |
| Wire rope diameter | mm | 36 | |
| Max. line speed | m/min | 75 | |
| Auxiliary winch | | | |
| Lifting capacity | kN | 90 | |
| Wire rope diameter | mm | 20 | |
| Max. line speed | m/min | 70 | |
| Mast inclination | | | |
| Forward/backward | ° | 5/90 | |
| Lateral | ° | ±4 | |
| Main Chassis | | | |
| Base engine | / | ISUZU 6WG1 | |
| Engine power | kW/rpm | 300/1800 | |
| Emission regulation | / | COM III | |
| Engine displacement | L | 15.68 | |
| Chassis length | mm | 7850 | |
| Extension width | mm | 4900 | |
| Track shoe width | mm | 800 | |
| Swing radius | mm | 4705 | |
| Overall machine | | | |
| Overall height | mm | 26365 | |
| Operating weight | t | 120 | |
| Transport width | mm | 3530 | |
| Transport height | mm | 3745 | |

①: friction kelly depth / interlocking kelly depth

| Kelly bar | Weight(Kg) | Depth(m) | Option |
|---------------------|------------|----------|----------|
| Inter-locking kelly | Φ530×3×15 | 14300 | Standard |
| | Φ530×4×17 | 16000 | |
| | Φ530×4×18 | 16800 | |
| Friction kelly | Φ530×6×17 | 17400 | |
| | Φ530×6×18 | 18300 | |



Large construction capacity: Expert in construction of 2.5m large dia. and 100m deep borehole without torque limit; main winch with large lifting force to ensure stable operation.

Strong rock drilling ability: The heaviest model of the same level ensures large crowding force; equipped with heavy duty, impact resistance reducer to realize stable torque output; excellent drilling ability in hard rock layers more than 60MPa.

High reliability: The structural parts adopt impact, fatigue resistance technology in rock drilling, single layer wire rope winding for interlocking Kelly bar; free of mutual extrusion and wear in wire rope layers to increase service life by 35%.

Economy and energy saving: Adopt power optimization control technology to realize power distribution in real time, excellent compound action response time. High fuel efficiency and low comprehensive fuel consumption, fuel consumption reduced by 10%~15%.

Intelligent upgrade:

1) HD touch screen, 3ms refresh frequency, smooth animation display.

2) SANY patented locking device visualization technology can accurately display the process of locking and unlocking, reduce wear and Kelly bar accidents.

Convenient maintenance: The external driving key of rotary drive facilitates maintenance and replacement; the main winch wire rope end is fixed by wedge easy to disassemble and assemble. The special lubrication point connected with outlet hose to facilitate butter injection.

Safe and secure: 360° full-field monitoring, sound and light alarm.