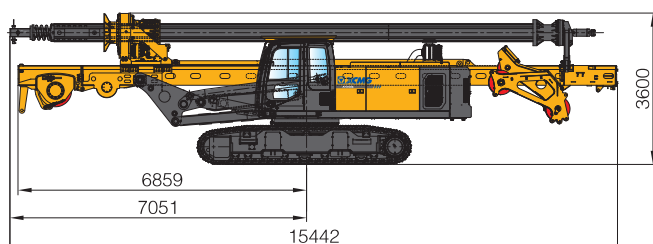


| Parameter              |                      | Unit   | Data                |
|------------------------|----------------------|--------|---------------------|
| Max. drilling diameter |                      | mm     | φ 1500              |
| Max. drilling depth    |                      | m      | 44/56               |
| Engine                 | Model                | /      | QSB7                |
|                        | Rated power          | kW     | 169/2050            |
| Rotary drive           | Rated output torque  | kN · m | 168                 |
|                        | Rotation speed       | r/min  | 6–40                |
| Crowd cylinder         | Max. crowd force     | kN     | 160                 |
|                        | Max. lifting force   | kN     | 180                 |
|                        | Max. lifting stroke  | m      | 4.2                 |
| Crowd winch            | Max. crowd force     | kN     | /                   |
|                        | Max. lifting force   | kN     | /                   |
|                        | Max. lifting stroke  | m      | /                   |
| Main winch             | Max. lifting force   | kN     | 168                 |
|                        | Max. winch speed     | m/min  | 80                  |
|                        | Wire rope diameter   | mm     | φ 28                |
| Auxiliary winch        | Max. lifting force   | kN     | 60                  |
|                        | Max. winch speed     | m/min  | 80                  |
|                        | Wire rope diameter   | mm     | φ 16                |
| Drill mast inclination | Lateral/forward      | °      | ± 3/5/90            |
|                        |                      |        |                     |
| Chassis                | Max. traveling speed | km/h   | 2.1                 |
|                        | Max. climbability    | %      | 35                  |
|                        | Track shoe width     | mm     | 700                 |
|                        | Track length         | mm     | 5107                |
|                        | Track outer width    | mm     | 2960–4200           |
| Hydraulic system       | Working pressure     | MPa    | 35                  |
| Working weight         |                      | t      | 50                  |
| Dimension              | Work condition       | mm     | 7914 × 4200 × 19253 |
|                        | Transport condition  | mm     | 15442 × 2960 × 3600 |

| Kelly bar configuration | Weight of Kelly bar (t) | Drilling depth (m) | Remarks  |
|-------------------------|-------------------------|--------------------|----------|
| JS377–4 × 11            | 7.1                     | 40                 | Optional |
| JS377–4 × 12            | 7.2                     | 44                 | Standard |
| MZ377–5 × 11            | 6.3                     | 51                 | Optional |
| MZ377–5 × 12            | 6.5                     | 56                 |          |



- The rated output torque of rotary drive is 168 kN · m, working rotation speed is 40 rpm, more efficient.
- Double boom large parallelogram luffing mechanism has large support angle, the support range is increased by 24%, more stable.
- Equipped with Cummins electrically controlled turbocharged engine, it has strong power, better oil adaptability, and quick and convenient service.
- The main hydraulic system adopts negative flow control technology. The large displacement main pump is matched with a low speed engine, so the fuel consumption is lower and the efficiency is higher.
- The intelligent control system realizes the automatic adjustment and display of the verticality of the drill mast, automatic soil shaking up and down, automatic positive and negative spin-off of rotary drive, bottom protection functions, intelligent, convenient and safer.
- Adopting the special hydraulic crawler chassis of TDP series for rotary drilling rigs, with large diameter slewing bearing and better working stability.
- The machine can be transported with the Kelly bar on it, convenient and efficient.

