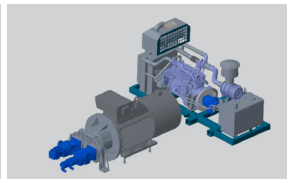


# Track-Mounted Drilling Rig



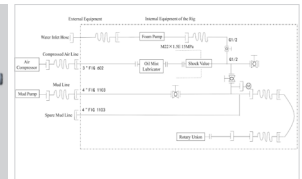
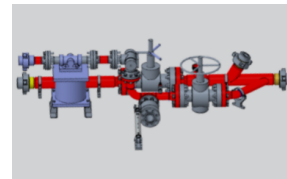
## Low-Carbon & Energy-Efficient Solutions

- Primary electric reduce energy consumption by over 50% compared to diesel-powered rigs.
- 450kW Explosion-Proof Motor, delivering 12.5% higher power density than industry peers.



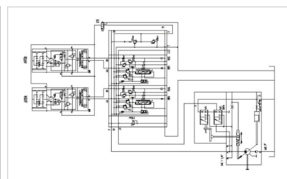
## Diverse Working Conditions & Stable Output

- Standard package includes: Mud manifold, Air manifold, Foam Pump, equipped as standard to meet mud drilling, air drilling, and foam drilling operations.
- Pipe spinners and auxiliary winches available as configurable options.



## Superior Adaptability & Easy Transportation

- Optimized chassis achieves 42% gradeability for complex formations, with simplified rig-up/rig-down procedures under harsh conditions.
- Patented thermal management technology enables heavy-load/long-distance crawler operation.



## Intelligent Integration & Automated Control

- Integrated screen monitors real-time drilling data for automated WOB (Weight on Bit) control.
- Single-Operator Integrated Control Console enables full automation of rig/tools through multi-tool interlocking.



## Parameter sheet

| Name                          |                            | Unit    | SZJ600EYL      | SZJ1000EYL   | SZJ1500EYL   |
|-------------------------------|----------------------------|---------|----------------|--------------|--------------|
| Maximum Hook Load             |                            | kN      | 600            | 1000         | 1500         |
| Maximum Feed Force            |                            | kN      | 150            | 200          | 280          |
| Nominal drilling depth(4 1/2) |                            | m       | 1200           | 2000         | 3500         |
| Traveling Engine              | Model                      | -       | YCA08260-T301  | B5.9CS4      | B5.9CS4      |
|                               | Rated Power/Speed          | kW/rpm  | 81/2500        | 154/2200     | 154/2200     |
| Rotary Table Motor            | Power/Speed                | kW/rpm  | 300/1490       | 450/1490     | 550/1490     |
| Hydraulic Top Drive           | Low Gear Torque/Speed      | kNm/rpm | 32/0-105       | 32/0-105     | 32/0-105     |
|                               | High Gear Torque/Speed     | kNm/rpm | 21/0-160       | 21/0-160     | 21/0-160     |
|                               | Fast Hoisting Speed        | m/min   | 48             | 48           | 48           |
|                               | Fast Lowering Speed        | m/min   | 60             | 60           | 60           |
|                               | Stroke                     | m       | 7              | 15.24        | 15.24        |
|                               | Spindle Bore Diameter      | mm      | 105            | 125          | 125          |
| Rotary Table                  | Maximum Clearance Diameter | mm      | 840            | 840          | 840          |
|                               | Deck Height                | m       | 1.3-2.3        | 1.3-2.3      | 1.3-2.3      |
| Tool Hoist                    | Max Hoist Force            | kN      | 15             | 50           | 50           |
| Pipe Spinner                  | Maximum Torque             | kNm     | /              | 100          | 125          |
|                               | Gripping Range             | "       | /              | 2 3/8-9 5/8  | 2 3/8-9 5/8  |
| Air/Mud Mainfold              | Max Pressure               | Mpa     | 15             | 21           | 35           |
|                               | Bore Diameter              | mm      | 76             | 89           | 89           |
| Track chassis                 | Maximum Gradeability       | %       | 42             | 42           | 42           |
|                               | Maximum Speed              | km/h    | 2              | 3.3          | 3            |
| Working Dimension             | length width height        | m       | 6.45×3.3×13    | 9.9×4.5×23.3 | 9.9×5.4×23.5 |
| Transportation Dimension      | length width height        | m       | 12.7×2.25×3.03 | 14.4×3×3.62  | 14.9×3×3.62  |
| Total weight of the Main Unit |                            | t       | 22             | 52.5         | 80           |

## Project Cases

