

QAY2000

ZOOMLION

Product Highlights

1 Large hoisting capacity

- The largest all-terrain crane in the world with a maximum lifting moment of 6000tm.

2 Safe operation, no bending of boom, and strong side-loading-proof capability

- Super-lifting mechanism with the same rope length.

3 Good maneuverability, strong power and excellent site adaptability

- Combination of two traveling units with independent power source, simultaneous driving and load bearing, and suitable for road driving and heavy-duty site-transfer driving.

4 High efficiency

- Modular design as well as hydraulically powered fast assembly and disassembly can make the machine reach operation status or be disassembled and taken away from the site very quickly; telescopic boom or telescopic boom + special boom head is used, being more efficient than luffing jib.

5 Wide adaptability of work modes

- Slightly luffing boom used for wind turbines is equipped for the work mode of wind turbine installation (no more than 3.0MW) to high positions; powerful telescopic boom is ideal for heavy-duty lifting and installation of a single unit with a weight of over 1,000t.

Technical Specification

| Item | | Value | Remarks | |
|------------------|---|-------|-------------------|----------------------|
| Work performance | Max. rated lifting capacity | kg | 2000000 | |
| | Max. load moment of basic boom | kN.m | 60000 | |
| Work speeds | Max. hoist rope speed (Main winch) | m/min | 125 | At the biggest layer |
| | Boom extending time | min | ≥20 | |
| | Boom derricking up time | s | ≥160 | |
| | Slewing speed | r/min | ≤0.8 | |
| Driving | Max. driving speed | km/h | 75 | |
| | Approach angle | ° | 16 | |
| | Leave angle | ° | 22 | |
| | Max. gradeability | % | 33 | |
| | Min. turning diameter | m | 26 | |
| | Min. ground clearance | mm | 335 | |
| | Brake distance | m | 10 | At 30km/h |
| | Limits for exhaust pollutants and smoke | | National Stage IV | |
| Mass | Deadweight in driving condition | kg | 96000 | |
| | Axle load | kg | 12000 | |
| Dimensions | Overall dimensions (L × W × H) | mm | 19990×3000×4000 | |
| | Outrigger spread (L) | m | 16 | |
| | Outrigger spread (W) | m | 16 | |
| | Main boom length | m | 19.2 ~ 103.1 | |
| | Boom angle | ° | -0.6 ~ 85 | |
| | Luffing jib length | m | 25+9 | |
| Others | "Y"-guying system | | Yes | |

