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السجل التجاري: ٧٠٥٥٠٦٨٣٩٤
الرقم الضريبي: ٣١٢٨٤٩٦٥٠٦٠٠٠٠٣
٤٦٢٠ شارع رقم ١٠
٣٦٠٢ حي الجزيرة
الرياض ١٤٢٦٢
المملكة العربية السعودية

Datasheet

Rental XCMG QY100K Truck Crane

Brand: XCMG



The **XCMG QY100K** truck crane is a high-capacity mobile crane designed for heavy lifting in construction and industrial projects.

- **Max Lifting Capacity:** 100,000 kg
- **Max Lifting Height:** 66.8 m
- **Max Boom Length:** 49 m
- **Power Type:** Diesel

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XCMG QY100K Truck Crane

The **XCMG QY100K** is a robust truck crane manufactured by **Xuzhou Construction Machinery Group Imp.&Exp.Co.,Ltd**, a leading Chinese heavy equipment manufacturer. This crane is engineered for demanding lifting tasks, offering a combination of high capacity, long reach, and reliable performance.

Typical Applications

The QY100K is suitable for a variety of heavy lifting applications, including:

- Construction site lifting and material handling
- Infrastructure projects such as bridges and highways
- Industrial plant maintenance and installation
- Erection of steel structures and precast elements

Key Operational Features

The crane incorporates several features that enhance operational efficiency and safety:

- PLC integrated control system for easier and safer crane operation
- Constant power and variable displacement system with integrated controller for precise speed control
- 3-axle off-road crane chassis with 3-axle steering for excellent maneuverability
- Optimized cross-section boom minimizes boom weight and maximizes lifting capacity
- All-round and full vision operator's cab tiltable backwards 20 degrees
- Self-assembly of counterweight for convenient setup

Equipment Inquiries

For more information about renting the XCMG QY100K truck crane, please contact our team.

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Technical Specifications

Rental XCMG QY100K Truck Crane

Specification	Value
Manufacturer	Xuzhou Construction Machinery Group Imp.&Exp.Co.,Ltd
Country of Origin	China
Model	QY100K
Equipment Type	Truck Crane
Steering system	3
Operator Cab Tilt Angle	20°
Boom Sections	5
Max boom length	49 m
Max lifting torque (basic boom)	2734 kN·m
Max. load moment with 8.3 t counterweight	3058 kN·m
Max. load moment with 14.3 t counterweight	3238 kN·m
Max. load moment with 19.2 t counterweight	3450 kN·m
Upper cabin tilt angle	20°
Min. turning diameter	24 m
Gradeability	40%
Steering system	3-axle drive and 3-axle steering
Overall (L×W×H)	15230×3000×3860 mm
Wheelbase	1420+2420+1700+1420+1505 mm
Weight unladen	54800 kg
Axle load (front Axle 1–2)	7000 kg
Axle load (rear Axle 3–4)	9000 kg
"Axle load (rear	12000 kg
Axle load 5th axle	12000 kg
Axle load 6th axle	7800 kg
Rated power	324/1800 (306/1900) kW/(r/min)
Rated torque	2100/1200 (2010/1200) N·m/(r/min)
Rated speed	1800 (1900) r/min
Min. ground clearance	310 mm
Approach angle	23°
Departure angle	15°

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Specification	Value
Braking distance (at 30 km/h)	< 10 m
Fuel consumption (per 100 km)	70 L
Load Capacity	100 t
Min working radius	3 m
Lifting Height	12.8 m
Counterweight swing radius	4590 mm
Max lifting torque (basic boom)	3450 (4 m×88) kN·m
Max. load Full-extend boom	1670 (24 m×7.1) kN·m
Max. load Full-extend boom+Jib	1127 (19.2 m×6) kN·m
Outrigger span (max)	7.56 m
Outrigger span (max)	7.6 m
Lifting Height	48.8 m
Lifting Height	66.8 m
Boom length (basic)	12.8 m
Boom length Full-extend boom	49 m
Boom length Full-extend boom+Jib	49+18.1 m
Jib offset angles	0°□15°□30°
Boom lift/lower time	75 s
Boom extend/retract time	160 s
Slewing Speed	2 r/min
Horizontal outrigger extend/retract	25/15 s
Vertical outrigger raise/lower	45/25 s
Max single-rope speed (main winch no load)	105 m/min
Max single-rope speed (aux winch no load)	104 m/min