



QY60K Truck Crane(Mobile Crane)

The vehicle is driven by hydraulic system of open type variable displacement and constant displacement. The main winch system with variable displacement pump and motor has constant power and can get lower speed with heavy load, higher speed with light load. The hydraulic valve block of integrated and modular design with imported pipe connectors, less of hydraulic pressure, high efficiency and good reliability.

1. Main and auxiliary winches, both with planetary reducers arranged in drum, compact structure and good arrangement and high efficiency, can be operated independently.
2. Slewing mechanism, with planetary gear reducer and instant closed brake, slant tooth three-row rolling slewing bearing driven by motor, has the function of controllable free-slide and smooth inching with buffer valves equipped in hydraulic system.
3. Equipped with perfect safety devices: automatic moment limiter (AML), height limiter, rope-end limiter, outrigger inserted pins and level gauge. Illuminators facility night operations.
4. Boom of round angle hexagonal cross-section optimized and imported steel plates improve the lifting capacity greatly.
5. Electro-hydraulic proportional control for superstructure makes operation comfortable and convenient

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

Tel: +86-21-541-71571

E-mail: <mailto:info@shlongji.com>

Fax: +86-21-541-71572

and better inching control function.

6. Spacious and bright cabs for driver and operator equipped with adjustable seats, comfortable for operation, heater and air conditioner are for option.

7. Lower center of gravity, good stability and maneuverability, faster travel speed, suitable for rapid work-side transfer.

Engine	
Model	WD615.46
Rated power	266 kw/2200 rpm
Rated torque	1250 N.m/1500 rpm
Rated speed	2200 rpm
Lifting Specification	
Max. total rated lifting capacity	60000 kg
Min. rated working radius	3 m
Turning radius at turntable tail	3550 m
Max. load moment: Base boom	2060 KN.m
Max. load moment: Fully extended boom	824 KN.m
Outrigger span: Longitudinal	5.81 m
Outrigger span: Lateral	6.7 m
Lifting height: Base boom	11.2 m
Lifting height: Fully extended boom	42 m
Lifting height: Fully extended boom Jib	58 m
Mass Specification	
Total mass in travel state	41000 kg
Axle load: Axle 1, Axle2	15000 kg
Axle load: Axle 3, Axle4	26000 kg
Working Speed	
Boom raising time	60 s
Boom full extension time	150 s
Max. swing speed	2.0 rpm
Main winch (full load)Hoist speed	75 rpm
Main winch (no load)Hoist speed	130 rpm
Aux winch (full load)Hoist speed	98 rpm
Aux winch (no load)Hoist speed	108 rpm
Noise limit: Crane exterior noise	≤118 dB (A)
Noise limit: At seated position	≤90 dB (A)
Traveling Specification	
Travel speed: Max. travel speed	75 km/h
Travel speed: Min. stable travel speed	3 km/h

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

Tel: +86-21-541-71571

E-mail: <mailto:info@shlongji.com>

Fax: +86-21-541-71572

Turning diameter: Min. turning diameter	24 m
Turning diameter: Min. turning diameter at boom tip	29 m
Min. ground clearance	290 mm
Approach angle	17.5°
Departure angle	12°
Braking distance (at 30km/h with full load)	10 m
Max. grade-ability	40%
Fuel consumption for 100km	45 L
Dimensions	
Overall length	13500 mm
Overall width	2800 mm
Overall height	3510 mm
Wheel base: Axle 1, Axle 2	1470 mm
Wheel base: Axle 2, Axle 3	4105 mm
Wheel base: Axle 3, Axle 4<	

Shanghai Longji Construction Machinery Co., Ltd.

Add: Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

Post Code: 201100

Tel: +86-21-541-71571

E-mail: <mailto:info@shlongji.com>

Fax: +86-21-541-71572