



#### QY30K5 Truck Crane(Mobile Crane)

1. Whole machine appearance is harmony and smooth, beautiful and fine, unification of upper and lower, and both practical and good looking
2. Self-made special truck crane chassis with strong power engine of environmental protection greatly improved overall travel performance.
3. Five-section octagonal all-round telescopic boom has strong lifting capacity, and crane each technical index is advanced in domestic industry.
4. Large box type frame has high torsion resistance, and wide outrigger span improve operation stability.
5. Various operating modes such as fully/half outrigger and single top, etc. extend the use of crane operation.
6. World advanced and newly designed boom system, streamlined boom head and built-in slider efficiently increase boom section joint length and reduce boom lower deflection and side bending.
7. High working efficiency: the main winch uses dual variable displacement system to realize low speed for heavy duty and high speed for light duty, energy saving and high efficiency, and quick elevating and telescoping mechanisms improve work efficiency.

**Shanghai Longji Construction Machinery Co., Ltd.**

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8. Well-equipped safely protection device: the crane is equipped with automatic load moment limiter, overload and over-winding cutout device, which have raised the safety for crane operation.

9. Ergonomically designed two cabs are accord with ISO standard, and air-conditioner in crane superstructure and carrier.

10. The drivers cab is luxury full-width cab, spacious and comfortable, equipped with shock-absorption adjustable seat for reducing harmful shake and easing drivers tiredness. The operators cab is mounted at right side, all-round streamlined shape, and equipped with LC display monitor for a clear glance of all operation.

Engine	
Model	WD615.67A
Rated power	206/2200 kW/(r/min.)
Rated torque	1100/1400 N.m/(r/min.)
Rated rotation	2200 rpm
Lifting Specification	
Max. total rated lifting capacity	30 t
Min. rated working radius	3 m
Turning radius at turntable tail	≤3.055 m
Max. load moment Base boom	1166 kN.m
Max. load moment Fully extended boom	645 kN.m
Max. load moment Fully extended boom Jib	475 kN.m
Outrigger span: Longitudinal	5.35 m
Outrigger span: Lateral	6.0 m
Lifting height : Base boom	10.5 m
Lifting height Fully extended boom	33 m
Lifting height Fully extended boom Jib	48 m
Mass Specification	
Total mass in travel state	32300 kg
Axle load: Front axle	11150 kg
Axle load: Rear axle	21120 kg
Working Speed	
Boom raising time	80 s
Boom full extension time	100 s
Max. swing speed	2.0 r/min
Main winch (full load )Hoist speed	≥85 m/min
Main winch (no load)Hoist speed	≥100 m/min
Aux winch (full load )Hoist speed	≥80 m/min
Aux winch (no load)Hoist speed	≥100 m/min
Noise limit: Crane exterior noise	≤118 dB (A)

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Noise limit: At seated position	≤90 dB (A)
Traveling Specification	
Max. travel speed	72 km/h
Min. stable travel speed	3 km/h
Turning diameter: Min. turning diameter	22 m
Turning diameter: Min. turning diameter at boom tip	25 m
Min. ground clearance	260 mm
Approach angle	16°
Departure angle	15°
Braking distance (at 30km/h with full load)	10 m
Max. grade-ability	30%
Fuel consumption for 100km	36 L
Dimension	
Overall length	12610 mm
Overall width	≤2500 mm
Overall height	3280 mm
Wheel base: Axle 1, Axle 2	1520 mm
Wheel base: Axle 2, Axle 3	3815 mm
Wheel base: Axle 3, Axle 4	1350 mm

Total rated lifting load for boom

Outrigger fully extend 6.0m

10.1-38.5m Boom(Outrigger fully extend and boom over side or rear)Outrigger span:6.0m													
Workin	10.1m		13.65m		17.2m		22.52m		27.85m		33.18m		38.5m
g	Lifting	Lifting	Lifting	Lifting	Lifting	Lifting	Lifting	Lifting	Lifting	Lifting	Lifting	Lifting	Lifting
Radius	Load	Height	Load	Height	Load	Height	Load	Height	Load	Height	Load	Height	Load
(m)	(kg)	(m)	(kg)	(m)	(kg)	(m)	(kg)	(m)	(kg)	(m)	(kg)	(m)	(kg)

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