

QY25K5 Truck Crane(Mobile Crane)

- 1. Standard 3-axle truck crane of the most advanced performance in China with the technology and quality achieved as 30t class in foreign country.
- 2. First introduced the concept of 25t class with 5 boom sections, main boom length 38.5m and jib length 8.3m, and the lifting height for boom and jib is at the advanced level of international same type of cranes.
- 3. Main load-bearing structural parts are made of high strength steel. Application of octagonal boom profile and reasonable setting of half or fully extended boom section contribute the crane powerful load lifting capacity.
- 4. Hydraulic system adopts serial items of China State Patent and serial items of technical innovation, so that the whole machine features strong power, energy-saving and high efficiency.
- 5. Swing system with free-sliding function can automatic align to load, offset pinion makes meshing clearance easy to adjust, less impact and smooth operation.
- 6. Well-equipped with perfect safety devices such as load moment limiter (LML), hoist limit switch, rope-end limiter, safety control valve, hydraulic pressure protection valve, anti-cavitations and anti-blocking device, etc, make operation more reliable.

Shanghai Longji Construction Machinery Co., Ltd.

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

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- 7. Environmental, energy-saving and powerful engine offers strong drive for the crane carrier and improves travel performance for the whole machine.
- 8. Spacious and beautiful operator's cab, equipped with adjustable seat, newly-designed air-conditioning system, etc. all present the concept of "People Coming First".

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Rated power 206 kw/2200 rpm	Engine		
Rated power 206 kw/2200 rpm Rated torque 1112 N.m/1400 rpm Rated speed 2200 rpm Lifting Specification 25000 kg Min. rated working radius 3 m Turning radius at turntable tail 3.065 m Max. load moment: Base boom 961 KN.m Max. load moment: Fully extended boom 450 KN.m Max. load moment: Fully extended boom jib 436 KN.m Outrigger span: Longitudinal 4.8 m Outrigger span: Lateral 6.0 m Lifting height: Base boom 10.2 m Lifting height: Fully extended boom 38.6 m Lifting height: Fully extended boom Jib 47.6 m Mass Specification 47.6 m Total mass in travel state 31000 kg Axle load: Axle 1 6440 kg Axle load: Axle 2, Axle 3 24600 kg Working Speed 2.5 rpm Boom raising time 75 s Boom full extension time 150 s Max. swing speed 2.5 rpm Main winch (full load) Hoist speed 75 rpm Aux winch (full load) Hoist speed	-	6C280.2	
Rated torque 1112 N.m/1400 rpm Rated speed 2200 rpm Lifting Specification 25000 kg Max. total rated lifting capacity 25000 kg Min. rated working radius 3 m Turning radius at turntable tail 3.065 m Max. load moment: Base boom 961 KN.m Max. load moment: Fully extended boom 450 KN.m Max. load moment: Fully extended boom jib 436 KN.m Outrigger span: Longitudinal 4.8 m Outrigger span: Lateral 6.0 m Lifting height: Base boom 10.2 m Lifting height: Fully extended boom Jib 47.6 m Mass Specification 47.6 m Mass Specification 31000 kg Axle load: Axle 1 6440 kg Axle load: Axle 2, Axle 3 24600 kg Working Speed 9400 kg Boom raising time 75 s Boom full extension time 150 s Max. swing speed 2.5 rpm Main winch (full load) Hoist speed 75 rpm Main winch (full load) Hoist speed 125 rpm Aux winch (full load) Hois			
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Noise limit: Crane exterior noise ≤118 dB (A) Noise limit: At seated position ≤90 dB (A) Traveling Specification 75 km/h Travel speed: Max. travel speed 22 km/h Turning diameter: Min. stable travel speed 22 km/h Turning diameter: Min. turning diameter 22 m Turning diameter: Min. turning diameter at boom tip 24 m Min. ground clearance 260 mm	Aux winch (full load)Hoist speed	75 rpm	
Noise limit: At seated position Fraveling Specification Travel speed: Max. travel speed Travel speed: Min. stable travel speed Turning diameter: Min. turning diameter Turning diameter: Min. turning diameter at boom tip Min. ground clearance ≤90 dB (A) 75 km/h 72 km/h 22 km/h 24 m Min. ground clearance	Aux winch (no load)Hoist speed	125 rpm	
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Turning diameter: Min. turning diameter 22 m Turning diameter: Min. turning diameter at boom tip 24 m Min. ground clearance 260 mm	Travel speed: Max. travel speed	75 km/h	
Turning diameter: Min. turning diameter at boom tip Min. ground clearance 24 m 260 mm	Travel speed: Min. stable travel speed	22 km/h	
Min. ground clearance 260 mm	Turning diameter: Min. turning diameter	22 m	
	Turning diameter: Min. turning diameter at boom tip	24 m	
Approach angle 16°	Min. ground clearance	260 mm	
	Approach angle	16°	

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Departure angle	13°
Braking distance (at 30km/h with full load)	10 m
Max. grade-ability	30%
Fuel consumption for 100km	37 L
Dimension	
Overall length	12000 mm
Overall width	2500 mm
Overall height	3380 mm
Wheel base: Axle 1, Axle 2	4125 mm

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