



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 City, China

Post Code: 201100

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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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Engine	
Model	6C280-2
Rated power	206 kw/2200 rpm
Rated torque	1112 N.m/1400 rpm
Rated speed	2200 rpm
Lifting Specification	
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	38.6 m
Lifting height: Fully extended boom Jib	47.6 m
Mass Specification	
Total mass in travel state	31000 kg
Axle load: Axle 1	6440 kg
Axle load: Axle 2, Axle 3	24600 kg
Working Speed	
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 (no load)Hoist speed	125 rpm
Aux winch (full load)Hoist speed	75 rpm
Aux winch (no load)Hoist speed	125 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	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
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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