



### QY20B Truck Crane(Mobile Crane)

QY20B Truck Crane uses self-made truck crane special chassis, with powerful engine and fully-covered decking plate.

1. Main and auxiliary winches realize low speed with heavy load and high speed with light load, high working efficiency.
2. 4-section telescopic boom of all-round boom profile, 1-section side-mounted jib, single cylinder for front support elevating, fully hydraulic drive, and double H-shaped outriggers.
3. Well-equipped safety devices such as automatic load moment limiter (AML) overload and over-wind cut-out device, etc., greatly improved safety in operation.
4. Two cabs ergonomically designed conform to ISO standard, fan, heater and air conditioner equipped acc. to requirement. Driver's cab is left semi-mounted, fitted with damping and adjustable seat. Operator's cab is right semi-mounted, equipped with LCD monitor for display of crane various motions.

**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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Engine	
Model	6C250-2
Rated power	184 kw/2200 rpm
Rated torque	958 N.m/1400 rpm
Rated speed	2200 rpm
Lifting Specification	
Max. total rated lifting capacity	20000 kg
Min. rated working radius	3 m
Turning radius at turntable tail	3.38 m
Max. load moment: Base boom	833 KN.m
Max. load moment: Fully extended boom	458.6 KN.m
Outrigger span: Longitudinal	4.97 m
Outrigger span: Lateral	5.4 m
Lifting height: Base boom	10.1 m
Lifting height: Fully extended boom	31.2 m
Lifting height: Fully extended boom Jib	39.3 m
Mass Specification	
Total mass in travel state	24850 kg
Axle load: Axle 1	6998 kg
Axle load: Axle 2, Axle 3	17980 kg
Working Speed	
Boom raising time	75 s
Boom full extension time	95 s
Max. swing speed	3 rpm
Main winch (full load )Hoist speed	40 rpm
Main winch (no load)Hoist speed	90 rpm
Aux winch (full load )Hoist speed	30 rpm
Aux winch (no load)Hoist speed	60 rpm
Noise limit: Crane exterior noise	≤118 dB (A)
Noise limit: At seated position	≤90 dB (A)
Traveling Specification	
Travel speed: Max. travel speed	72 km/h
Travel speed: Min. stable travel speed	4 km/h
Turning diameter: Min. turning diameter	20 m
Turning diameter: Min. turning diameter at boom tip	24 m
Min. ground clearance	270 mm
Approach angle	21°
Departure angle	11°

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Braking distance (at 30km/h with full load)	9.5 m
Max. grade-ability	35%
Fuel consumption for 100km	35 L
Dimensions	
Overall length	12000 mm
Overall width	2500 mm
Overall height	3300 mm
Wheel base: Axle 1, Axle 2	5000 mm
Wheel base: Axle 2, Axle 3	1350 mm

Total rated lifting load for boom

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