



QY25E Truck Crane(Mobile Crane)

QY25E Truck Crane is equipped with XZ25A truck crane special chassis and Euro compliant D6114ZLQ5B engine.

1. 4-section telescopic booms, 1-section jib, double H-shaped outriggers and single cylinder for front support elevating. Boom is telescoped sequentially and synchronously. Main and auxiliary winches can be driven individually.
2. 4-section telescopic boom is made of high-tensile steel with hexagonal boom profile, high strength and heavy load lifting capacity.
3. Hoist mechanism is double independent winches with two-stage planetary reducer, compact structure, smooth and reliable work. Swing system with double-way-sliding function enables the boom to slide automatically to position during lifting operation.

Single top and adjustable offset jib meet special need of operation on high building and narrow site.

Shanghai Longji Construction Machinery Co., Ltd.

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4. Automatic load moment limiter (LML) and LCD indicator equipped can dynamically display the data of working radius, boom length, boom angle, actual lifting load, etc., and the function of overload warning ensures safe and reliable operation.

5. QY25E plateau type, optional for users in highland area, is suitable for special working environment of heavy wind and sand, lower temperature, rare air, etc.

Engine	
Model	D6114ZLQ5B
Rated power	158 kw/2200 rpm
Rated torque	790 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	3.56 m
Max. load moment: Base boom	806 KN.m
Max. load moment: Fully extended boom	521 KN.m
Max. load moment: Fully extended boom jib	280 KN.m
Outrigger span: Longitudinal	4.8 m
Outrigger span: Lateral	6 m
Lifting height: Base boom	10.5 m
Lifting height: Fully extended boom	31.5 m
Lifting height: Fully extended boom Jib	39.2 m
Mass Specification	
Total mass in travel state	26400 kg
Axle load: Axle 1, Axle2	6530 kg
Axle load: Axle 3, Axle4	19870 kg
Working Speed	
Boom raising time	72 s
Boom full extension time	115 s
Max. swing speed	3 rpm
Main winch (full load)Hoist speed	90 rpm
Main winch (no load)Hoist speed	120 rpm
Aux winch (full load)Hoist speed	90 rpm
Aux winch (no load)Hoist speed	120 rpm
Noise limit: Crane exterior noise	≤120 dB (A)
Noise limit: At seated position	≤90 dB (A)
Traveling Specification	
Travel speed: Max. travel speed	63 km/h

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Travel speed: Min. stable travel speed	4 km/h
Turning diameter: Min. turning diameter	19 m
Turning diameter: Min. turning diameter at boom tip	99 m
Min. ground clearance	273 mm
Approach angle	21°
Departure angle	10°
Braking distance (at 30km/h with full load)	9.5 m
Max. grade-ability	23%
Fuel consumption for 100km	36 L
Dimension	
Overall length	12380 mm
Overall width	2500 mm
Overall height	3500 mm
Wheel base: Axle 1, Axle 2	4025 mm

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