



QY70K5 Truck Crane(Mobile Crane)

Self-made 8 x 4 chassis special for the QY70K5 truck crane with high quality main components and parts being purchased at home and abroad

Equipped with WD Duetz engine WP10.375 for carrier, Cummins engine EQ6BTA-5.9-C180 for superstructure, British Lipe clutch, imported hydraulic piloted proportional control valve and solenoid valve.

5-section main boom of 41 mete and 2-section jib, with German PAT moment limiter.

Lifting operation can be realized by hydraulic piloted proportional control or pull rod control

Engine	
Engine for carrier	
Model	WD Duetz WP10.375
Rated power	276 kw/2200 rpm

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

Tel: +86-21-541-71571

E-mail: <mailto:info@shlongji.com>

Fax: +86-21-541-71572

Rated torque	1460 N.m/1200-1600 rpm
Rated speed	2200 rpm
Engine for superstructure	
Model	Cummins EQ6BTA-5.9-C180
Rated power	132 kw/2200 rpm
Rated torque	750 N.m/1300 rpm
Rated speed	2200 rpm
Lifting Specification	
Max. total rated lifting capacity	70000 kg
Min. rated working radius	3 m
Turning radius at turntable tail	3.550 m
Max. load moment: Base boom	2354.4 KN.m
Max. load moment: Fully extended boom	1131.9 KN.m
Max. load moment: Fully extended boom jib	317.52 KN.m
Outrigger span: Longitudinal	6.0 m
Outrigger span: Lateral	7.8 m
Lifting height: Base boom	11.62 m
Lifting height: Fully extended boom	44.1 m
Lifting height: Fully extended boom jib	59.1 m
Mass Specification	
Total mass in travel state	45700 kg
Axle load: Axle 1, Axle2	19700 kg
Axle load: Axle 3, Axle4	26000 kg
Working Speed	
Boom raising time	52 s
Boom full extension time	105 s
Max. swing speed	2.0 rpm
Main winch Hoist speed	130 rpm
Aux winch Hoist speed	130 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	3 km/h
Turning diameter: Min. turning diameter	24 m
Turning diameter: Min. turning diameter at boom tip	29 m
Min. ground clearance	260 mm
Approach angle	16.5°

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

Tel: +86-21-541-71571

E-mail: <mailto:info@shlongji.com>

Fax: +86-21-541-71572

Departure angle	13.4°
Braking distance (at 30km/h with full load)	10 m
Max. grade-ability	33%
Fuel consumption for 100km	57 L
Dimensions	

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

Tel: +86-21-541-71571

E-mail: <mailto:info@shlongji.com>

Fax: +86-21-541-71572