



QLY 50 Hydraulic Truck Crane

Description:

This hydraulic truck crane has a lifting capacity of 50t. Hydraulic truck cranes belong to mobile cranes which can utilize hydraulics to lift thousands of pounds. The main components of the hydraulic mobile crane include: boom, jib, gear, outriggers, counterweights, reinforced-steel cable and hook. QLY 50 hydraulic truck crane integrates advanced design and manufacturing techniques at home and abroad. This hydraulic truck crane machine has achieved advance domestic level due to its safety, reliability and environment protection. Mobile cranes are suitable for highways, bridges and buildings construction, and more.

Basic Information of QLY 50 Hydraulic Truck Crane:

1. Maximum lifting capacity: 50t
2. Maximum boom length: 40.2m
3. Maximum jib length: 14m
4. Maximum lifting height: 40m
5. Maximum lifting height (boom+jib):54m

Features of QLY 50 Hydraulic Truck Crane:

- 1.The machine can be configured with full-head luxury cabin, integral operating cabin with large view and fully covered walking plate at the left side and right side.
- 2.This mobile crane is also equipped with four-axle automobile chassis, five-section telescopic boom or hexagonal boom with large arc.
- 3.The hydraulic truck cranes employ double-cylinder front support luffing, two-section truss type

and box type jib, double H shaped outrigger and attached with the front 5th outrigger which can realize 360 °full swing lifting work.

4.This hydraulic mobile crane adopts pilot hydraulic proportional control technique, so it has strong lifting performance.

5.The driving type of this truck crane is 8×4.

6.QLY 50 hydraulic truck crane is easy and flexible to operate.

Safety Configuration:

QLY 50 hydraulic mobile crane can be configurable with load moment indicator, height limited device, hydraulic oil radiator, over-winding and over-releasing protector, all kind of safety valves and lamps to ensure the security.

Parameters of QLY 50 Hydraulic Truck Crane:

DATA	UNIT	QLY50
Overall dimension		
Overall length	mm	13580
Overall width	mm	2750
Overall height	mm	3700
Weight		
Total weight in travel	kg	41750
Front axle load	kg	15810
Rear axle load	kg	25940
Power		
Engine model		WP10.375
Engine rated power	Kw/(r/min)	276/2200
Engine rated torque	N.m/(r/min)	1460/1200~1600
Travel		
Max. travel speed	Km/h	≤70
Min. turning diameter	m	24
Min. ground clearance	mm	300
Approach angle	°	23
Departure angle	°	12.5
Max. grade ability	%	30
Fuel consumption for 100km	L	40
Main performance		
Max. rated total lifting capacity	t	50
Min. rated working radius	mm	3000
Turning radius at turntable tail	m	3.7
Max. lifting torque	KN.M	1575
Base boom	m	11
Fully extended boom	m	40.2

Fully extended boom+ jib	m	55
Longitudinal outrigger span	m	5.5
Lateral outrigger span	m	6.6
Working speed		
Boom luffing time	s	95
Boom full extension time	s	160
Max. swing speed	r/min	≥2.0
Max. speed of main. winch (single rope)	m/min	≥100
Max. speed of aux. winch (single rope)	m/min	≥100

Rated Lifting Load Chart of QLY 50 Hydraulic Truck Crane:

Full-extend outrigger and without 5th outrigger, boom working at the side and rear or full-extend outrigger with 5th outrigger ,boom 360° working						
	BOOM(m)					Boom Angle (°)
	11	18.3	25.6	32.9	40.2	
Ratio	12	8	5	4	3	
Working Radius (m)	Lifting Load (kg)	Lifting Load (kg)	Lifting Load (kg)	Lifting Load (kg)	Lifting Load (kg)	
3.0	50000					80.5
3.5	43500					78
4.0	38500	27500				76
4.5	35000	26000				74
5.0	31000	25000	18000			72
5.5	28000	23000	17500			70
6.0	25000	21500	17000	12000		68
6.5	22000	20000	16000	12000		66
7.0	20000	18500	15000	11000		64
8.0	15500	15000	14000	10500	8000	62
9.0	12200	11800	12000	9500	7200	60
10.0		9500	10500	9000	6600	58
12.0		6800	7500	7000	5500	54
14.0		4800	5600	5500	4500	52
16.0		3400	4000	4000	3800	50
18.0			3000	3300	3000	
20.0			2300	2400	2800	
22.0			1600	1800	2200	
24.0				1300	1800	

26.0					1400	
28.0					1100	

World Equipment is a professional manufacturer and supplier of mobile crane in China. Our main products are excavator (digger), wheel loader, crawler bulldozer, road roller, hydraulic mobile crane, motor grader and skid steer loader. Our products have been well received in Europe, South America, Middle East, Southeast Asia and Africa. Over the past 10 years, we have kept improving our products to make them better adapt to the market. If you need QLY 50 hydraulic truck crane, please contact us without hesitation.