



QLY 40 Hydraulic Truck Crane

Description:

Hydraulic truck cranes can lift thousands of pounds using hydraulics that depend on transmitting forces through oil pushing the boom's pistons in opposite directions. A hydraulic mobile crane consists of boom, jib, gear, outriggers, counterweights, reinforced-steel cable and hook. QLY 40 hydraulic mobile crane integrates advanced design and manufacturing techniques at home and abroad. This machine has reached advance domestic level due to its safety, reliability and environment protection. QLY 40 hydraulic mobile crane are applicable to highways, bridges and buildings construction, and more.

Basic Information of QLY 40 Hydraulic Mobile Crane:

1. Maximum lifting capacity: 40t
2. Maximum boom length: 40.2m
3. Maximum jib length: 15m
4. Maximum lifting height: 40.2m
5. Maximum lifting height (boom+jib):55.2m

Features of QLY40 Hydraulic Truck Crane:

- 1.The machine can be equipped 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 hydraulic mobile crane also adopts four-axle automobile chassis, five-section telescopic boom or hexagonal boom with large curve.
- 3.The hydraulic truck cranes employ double-cylinder front support luffing, two-section truss 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 capacity.
- 5.The driving type of this truck crane is 8×4.
- 6.QLY 40 hydraulic mobile crane is easy and flexible to operate.

Parameters of QLY40 Hydraulic Truck Crane:

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DATA	UNIT	QLY40
Overall dimension		
Overall length	mm	13770
Overall width	mm	2500
Overall height	mm	3550
Weight		
Total weight in travel	kg	37520
Front axle load	kg	13520
Rear axle load	kg	24000
Power		
Engine model		WP10.336
Engine rated power	Kw/(r/min)	247/2200
Engine rated torque	N.m/(r/min)	1250/1200~1600
Travel		
Max. travel speed	Km/h	≤70
Min. turning diameter	m	24
Min. ground clearance	mm	240
Approach angle	°	16.4
Departure angle	°	11
Max. grade ability	%	30
Fuel consumption for 100km	L	35
Main performance		
Max. rated total lifting capacity	t	40
Min. rated working radius	mm	3000
Turning radius at turntable tail	m	3.4
Max. lifting torque	KN.M	1176
Base boom	m	11
Fully extended boom	m	40.2
Fully extended boom+ jib	m	55
Longitudinal outrigger span	m	5.33
Lateral outrigger span	m	6.2
Working speed		
Boom luffing time	s	85
Boom full extension time	s	150
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 QLY40 Hydraulic Truck Crane:

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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	14.65	18.3	23.77	29.25	34.72	40.2	
Ratio	10	8	7	5	4	3	3	
Working Radius (m)	Lifting Load (kg)	Lifting Load (kg)	Lifting Load (kg)	Lifting Load (kg)	Lifting Load (kg)	Lifting Load (kg)	Lifting Load (kg)	
3.0	40000							
3.2	35000	28800						80
3.5	34000	28500	24000					78
4.0	30000	26500	23000	16500				76
4.5	27000	24500	21500	16500				74
5.0	24000	22500	20000	16000	13800			72
5.5	22000	20500	19000	15200	13800			70
6.0	19500	18500	17500	14700	12800	10500		68
6.5	17000	17000	16000	14200	11700	9700		66
7.0	15500	15200	14500	13300	10900	9300		64
8.0	12700	12500	12400	11600	10000	8600	7000	60
9.0	10300	10100	9900	10500	9200	8000	6800	58
10.0		8200	8000	8800	8500	7500	6300	56
12.0			5450	6150	6500	6500	5600	52
14.0				4400	4800	5100	4700	48
16.0				3150	3550	3800	4000	
18.0					2600	2800	3100	
20.0					1800	2100	2300	
22.0						1550	1750	
24.0						1050	1250	
26.0							850	
28.0							600	

World Equipment is a professional manufacturer and supplier of hydraulic truck crane in China. Our main products are excavator (digger), wheel loader, crawler bulldozer, road roller, hydraulic mobile crane, motor grader and skid steer loader. We offer QLY 40 hydraulic truck cranes for your choice. 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 40 hydraulic mobile crane, please contact us without hesitation.