

 **LIUGONG**

# LTC250V5 CRANE

(Left/right hand drive)

**MOBILE CRANES**



**A MACHINE  
YOU CAN  
TRUST**

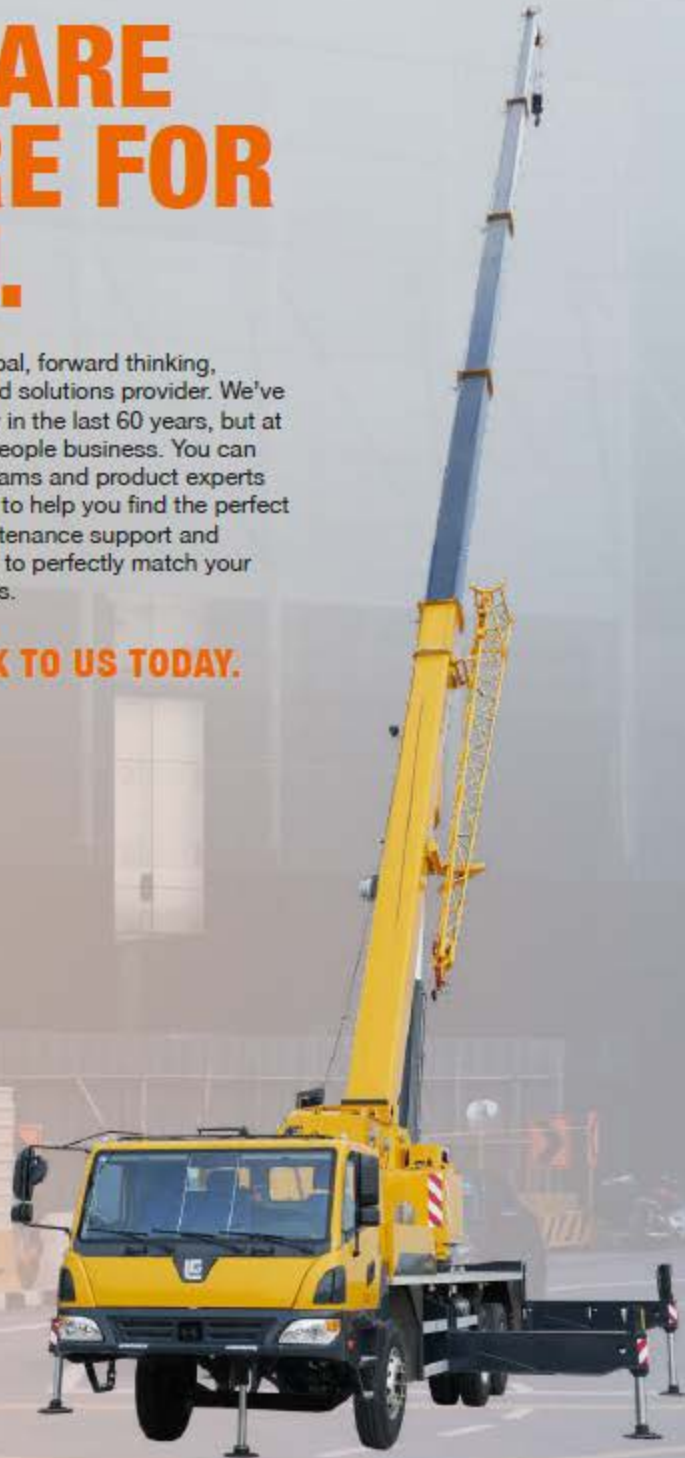


**TOUGH WORLD. TOUGH EQUIPMENT.**

# WE ARE HERE FOR YOU.

LiuGong is a global, forward thinking, customer focused solutions provider. We've come a long way in the last 60 years, but at heart, we are a people business. You can trust our sales teams and product experts to work with you to help you find the perfect equipment, maintenance support and financial solution to perfectly match your operational needs.

 **TALK TO US TODAY.**



## SPECIFICATIONS LTC250V5 MOBILE CRANE

CATEGORY	ITEM		UNIT	PARAMETER	
Dimension	Overall length		mm	12,500	
	Overall width		mm	2,575	
	Overall height		mm	3,445	
	The axle distance		mm	4,635+1,350	
Weight	The total weight during driving		kg	32,000	
	Axle load	The front	kg	6,600	
		The rear	kg	12,700/12,700	
Engine	Engine model		l	ISDe285 30 (EU Stage II)	
	Rated engine power		kW/(r/min)	210/2,500	
	Rated engine torque		N·m/(r/min)	970/1,200-1,700	
Travel	Max.travel speed		km/h	80	
	Min. turning diameter		m	21	
	Min. ground clearance		mm	250	
	Approach angle		°	20	
	Departure angle		°	14	
	The braking distance (speed 30km/h)		m	≤8.5	
	Max. rated lifting capacity		t	25	
Main performance	Min. rated range		m	3	
	Swing radius		mm	3,315	
	Max. lifting torque	Basic boom	kN·m	1,088	
		Longest main boom	kN·m	676	
	Outrigger span	Transverse	m	6.42	
		Longitudinal	m	5.5	
	Lifting height	Basic boom	m	11.78	
		Max. main boom	m	42	
		Max. main boom+Jib	m	50	
	Boom length	Basic boom	m	10.54	
		Max. main boom	m	41	
		Max. main boom+Jib	m	41+8	
	Jib offset angle		°	0, 15, 30	
Working speed	Boom luffing time	Full lifting/descending time of boom	s	35/50	
	Boom extension time	Full extension/retraction time of boom	s	80/80	
	Max. swing speed		r/min	2.4	
	Max. lifting speed	Main winch	No load	m/min	130
		Auxiliary winch	No load	m/min	130

## LTC250V5 LOAD CHART

UNIT: kg					
Working radius (m)	Main boom(m)				
	Outrigger fully extended to 6.42 m, rear/side operation. With fifth outrigger supported, the machine can fully swing by 360°				
	10.5	16.3	22	27.7	33.4
3	25,000				
3.5	25,000	14,500			
4	24,500	14,500	14,500		
4.5	23,000	14,500	14,500		
5	22,200	14,500	14,500	10,000	
5.5	20,000	14,500	14,500	10,000	
6	18,000	14,500	14,500	10,000	
6.5	16,500	14,500	14,500	9,900	8,000
7	15,200	14,500	14,500	9,300	7,700
8	12,800	13,000	12,400	8,300	7,200
9		11,600	11,300	7,500	6,500
10		9,700	10,100	6,800	5,900
11		8,200	8,600	6,200	5,500
12		7,100	7,500	5,700	5,000
13		6,100	6,600	5,300	4,600
14		5,400	5,800	4,900	4,300
15			5,100	4,500	4,000
16			4,600	4,200	3,700
18			3,700	3,700	3,300
20				3,200	2,900
22				2,700	2,800
24				2,200	2,300
26				1,800	2,000
28					1,600
30					1,400
I	0	0	0	0	0
II	0	25%	50%	75%	100%
Rate	8	5	5	4	3

UNIT: kg					
Working radius (m)	Main boom(m)				
	Outrigger fully extended to 6.42 m, rear/side operation. With fifth outrigger supported, the machine can fully swing by 360°				
	12.4	18.2	23.9	29.6	35.3
3	25,000				
3.5	25,000				
4	24,500	14,500			
4.5	23,000	14,500	14,500		
5	22,200	14,500	14,500		
5.5	20,000	14,500	14,500	10,000	
6	18,000	14,500	14,500	10,000	
6.5	16,500	14,500	14,500	10,000	7,300
7	15,000	14,500	14,300	9,700	7,700
8	12,700	13,300	13,000	8,700	7,200
9	10,400	11,500	11,800	7,900	6,700
10	8,600	9,500	9,900	7,200	6,100
11		8,100	8,400	6,600	5,600
12		6,900	7,300	6,100	5,200
13		6,000	6,400	5,600	4,800
14		5,200	5,600	5,200	4,500
15		4,600	4,900	4,900	4,100
16		4,000	4,400	4,500	3,900
18			3,500	3,700	3,400
20			2,800	3,100	3,100
22			2,300	2,500	2,700
24				2,000	2,200
26				1,700	1,800
28					1,500
30					1,200
I	25%	25%	25%	25%	25%
II	0	25%	50%	75%	100%
Rate	8	5	5	3	3

# LTC250V5 LOAD CHART

UNIT: kg					
Working radius (m)	Main boom(m)				
	Outrigger fully extended to 6.42 m, rear/side operation. With fifth outrigger supported, the machine can fully swing by 360°				
	18.2	23.9	29.6	35.3	41
3	14,500				
3.5	14,500				
4	14,500	14,000			
4.5	14,500	14,000			
5	14,500	14,000			
5.5	14,500	14,000	13,600		
6	14,500	14,000	13,600		
6.5	14,500	14,000	12,800		
7	14,500	13,500	12,200	9,700	
8	12,300	12,200	10,900	9,300	
9	10,150	10,900	9,900	8,600	6,600
10	8,300	9,000	8,900	7,900	6,300
11	6,900	7,600	8,050	7,200	6,000
12	5,800	6,500	6,900	6,700	5,600
13	4,900	5,550	6,000	6,200	5,200
14	4,150	4,800	5,200	5,500	4,900
15	3,500	4,200	4,600	4,850	4,600
16	3,000	3,850	4,000	4,300	4,300
18		2,800	3,150	3,400	3,600
20		2,100	2,500	2,700	2,900
22		1,500	1,900	2,200	2,350
24			1,500	1,700	1,900
26			1,100	1,350	1,550
28				1,050	1,200
30				750	950
I	100%	100%	100%	100%	100%
II	0	25%	50%	75%	100%
Rate	6	5	4	3	3

UNIT: kg			
Outrigger fully extended; without the fifth outrigger, rear/side operation; With fifth outrigger supported, the machine can fully swing by 360°			
Main boom41+ JIB8 (m)			
Installation angle	0°	15°	30°
Main boom angle of gradient	Lifting Capacity		
80°	2,800	2,400	1,700
76°	2,700	2,200	1,600
73°	2,600	2,000	1,500
70°	2,300	1,900	1,400
65°	1,900	1,700	1,300
60°	1,500	1,400	1,200
55°	1,100	1,000	900
50°	750	700	700

UNIT: kg			
Outrigger half extended to 4.5 m, without fifth outrigger, rear/side operation; With fifth outrigger supported, the machine can fully swing by 360°			
Main boom41+ JIB8 (m)			
Installation angle	0°	15°	30°
Main boom angle of gradient	Lifting Capacity		
80°	2,800	2,400	1,700
76°	2,700	2,200	1,600
73°	2,300	2,000	1,500
70°	1,700	1,600	1,400
65°	1,000	900	900
60°	500	500	500
55°			
50°			

# LTC250V5 LIFTING LOAD CHART

