

**GUINDASTE LT 1070/1****Veículo de fabricação Sichuan, modelo LT-1070/1: ano de fabricação 2008.**

Guindaste de fabricação Sichuan modelo LT-1070/1, com capacidade de carga para 70TON/ Métricas. Com suas quatro lança hidráulica estendida na posição vertical atinge a uma distancia de 44.1 metros, com um raio de 9.0 metros no ângulo de 45° com três pernas de cabo, seu residual de carga é de 10.000kg. Com suas quatro lanças hidráulicas mais Jib e mini Jib na posição vertical atinge a uma distancia de 60 metros, com um raio de 18 metros no ângulo de 58° e uma inclinação no Jib de 30° com uma perna de cabo, seu residual de carga é de 1.000kg.

Este equipamento dispõe um sistema de segurança que bloqueia as operações indevidas que possibilita ao equipamento um esforço desnecessário, havendo o acionamento no seu painel de controle uma sinalização vermelha de advertência, caso isso ocorra.

DADOS TÉCNICOS DO EQUIPAMENTO



起重机主要技术参数

起重机主要技术参数 Main Technical Parameters for Truck Crane

主起重钩最大额定起重量	Max. rated lifting capacity for main hook (t)	70	
副起重钩最大额定起重量	Max. rated lifting capacity for auxiliary hook (t)	4	
最大起重力矩	Max. lifting torque (KN.m)	2354.4	
基本臂最大起升高度	Max. lifting height of base boom (m)	11.54	
最长主起重臂最大起升高度	Max. lifting height of fully extended boom (m)	43.73	
最长主起重臂+最长副起重臂最大起升高度	Max. lifting height of fully extended boom + fully extended jib (m)	58.89	
基本臂最大作业幅度	Max. working radius of base boom (m)	8	
最长主起重臂最大作业幅度	Max. working radius of fully extended boom (m)	30	
最长主起重臂+最长副起重臂最大作业幅度	Max. working radius of fully extended boom + fully extended jib (m)	32	
基本臂长度	Base boom length (m)	11.62	
最长主起重臂长度	Fully extended boom length (m)	44.1	
最长主起重臂+最长副起重臂长度	The length of fully extended boom + fully extended jib (m)	44.1+15	
卷扬起升单绳速度 (第三层)	Main winch hoisting speed of single rope (3 <sup>rd</sup> layer) (m/min)	0~130	
副卷扬起升单绳速度 (第二层)	Auxiliary winch hoisting speed of single rope (2 <sup>nd</sup> layer) (m/min)	0~130	
回转速度	Slewing speed (r/min)	0~2.0	
变幅时间	Elevating time (s)	全程起臂 Fully elevating up time ≤52	全程落臂 Fully elevating down time ≤62
起重臂伸缩时间	Boom telescoping time (s)	全程伸臂 Fully extending time ≤105	全程缩臂 Fully retracting time ≤86
支腿收放时间	Outrigger telescoping time (s)	同时全伸 Simultaneously fully-extended time ≤75	同时全收 Simultaneously fully-retracted time ≤45
行驶状态整机总重	Total weight in travelling state (Kg)	45700	
支腿最大反力	Max. outrigger counterforce (kN)	568.73	
支腿跨距	Outrigger span (m)	支腿纵向跨距 Longitudinal span 6.0	支腿横向跨距 Transverse span 7.8
外形尺寸 (长×宽×高)	Overall Dimensions (LxWxH) (m)	14.20×2.80×3.65	

说明 Notes:

- 表中给定数值是在地面坚实，整机调平状态下，起重机的额定起重量。表中工作幅度是指吊载后的实际幅度。
- 表中粗线以上数值为起重臂强度决定，粗线以下数值为整机稳定性决定。臂长11.62m吊载时，各节臂应处于完全缩回状态。
- 表中额定起重量包括起重钩重量，主起重钩重550kg，副起重钩重102kg，若副起重钩处于展开状态，主起重钩起吊的重量还应减去2300kg。当副起重钩在臂端单滑轮上时，使用主起吊钩的各臂段起重量应减去副起重钩重量。
- 当主起重钩在主起重臂头部时，使用副起重臂吊载的额定起重量应减去550kg；使用臂端滑轮吊载的各臂段额定起重量应减去550kg，但最大起重量为4000kg。
- 未使用第五支腿时，前方120°范围不允许吊载。使用第五支腿时，可按表360°吊载作业。
- 如果臂长超过表中某一档规定数值时，应将该档数值与比它更长一级的数值相比较，按照其中较小的额定起重量进行作业。
- 表中最后一栏列出各种臂长时的主起重臂最小仰角，严禁将起重臂变幅到所对应的最小仰角以下。

- The tabulated values are rated lifting capacities of the crane levelled and standing on firm supporting ground surface. The tabulated working radius are actual radii with load lifted.
- The values above the bold line are based on boom strength, those below are based on the crane stability. Load for 11.62m boom length shall be lifted with boom fully retracted.
- The weights of main hook 550kg and auxiliary hook 102kg are included in the tabulated values. If the jib is fixed in working position, the rated lifting capacities at the boom must be reduced by 2300kg. When the aux. hook is on the boom head pulley, working with the main hook, the rated lifting capacities of each section must be reduced by the weight of the aux. hook.
- When main hook is at the head of the boom and working with the jib, the rated lifting capacities should be reduced by 550kg. When working with head pulley, the rated lifting capacities of each section should be reduced by 550kg, but the max. lifting capacities is 4000kg. 5. lifting 120° in front of the crane is not allowed when the fifth outrigger is not in use. With the fifth outrigger extended, lifting operation according to the tabulated values in 360° range could be realized.
- If an actual boom length exceeds the value rated in a certain column, the value in this column may be compared with the next longer one, then actual lifting capacity must be according to the smaller one.
- The bottom column in the table lists all min. boom angle of elevation in various boom length. Elevating the boom below the corresponding min. angle of elevation is strictly forbidden.

额定起重量表 Rated Lifting Capacities

支腿全伸后方侧方作业 支腿全伸+第五支腿360°作业  
Working on right, left and rear with outriggers fully extended  
360° working range with outriggers + the fifth outrigger fully extended

工作幅度 RADIUS (m)	主臂 Main boom		主臂+副臂 Boom + Jib 44.1m+9.2m		主臂+副臂 Boom + Jib 44.1m+15m		
	臂长 Boom length	27.86m	35.98m	副臂安装角 Jib angle	副臂安装角 Jib angle	副臂安装角 Jib angle	
3.0	70000			5°	15°	30°	
3.5	63000			5°	15°	30°	
4.0	56000	39000					
5.0	48000	37000	24000				
6.0	39000	34000	24000				
7.0	30000	28700	23000	18000			
8.0	23500	22500	21000	17000			
9.0	18200	18500	15600	10000			
10.0	14700	15300	14500	9600	4000		
12.0	10200	11000	11600	9000	3200	2400	
14.0	7100	8200	9300	8000	2900	2000	
15.0	5800	7100	8100	7700	2700	1900	
16.0	5300	6000	7100	7000	2500	1800	
18.0	4800	5600	5900	2200	1800	1700	
20.0	3800	4300	4800	2000	1700	1600	
22.0	2850	3300	3800	1800	1500	1400	
24.0		2600	3000	1500	1400	1300	
26.0		1900	2400	1200	1200	1100	
28.0		1800	900	1000	900	800	
30.0			1400	600	700	600	
32.0					500	700	
倍率 Parts of line	12	7	5	4	3	1	
主臂最小仰角 Min. angle of elevation of main boom			28°	30°	45°	52°	54°
							53°
							55°
							55°
							58°

Main Technical Parameters for Truck Crane

起升高度曲线 Lifting Height Curve

