

LT1055汽车起重机主要特点

LT1055 Main Performance Advantages

LT1055汽车起重机采用自制8×4专用底盘，主要部件选用国内外优质元件。

LT1055起重机上下车独立配置康明斯水冷发动机（排放符合欧II标准），选用英国Lipe离合器、进口先导比例控制阀、意大利控制电磁阀。

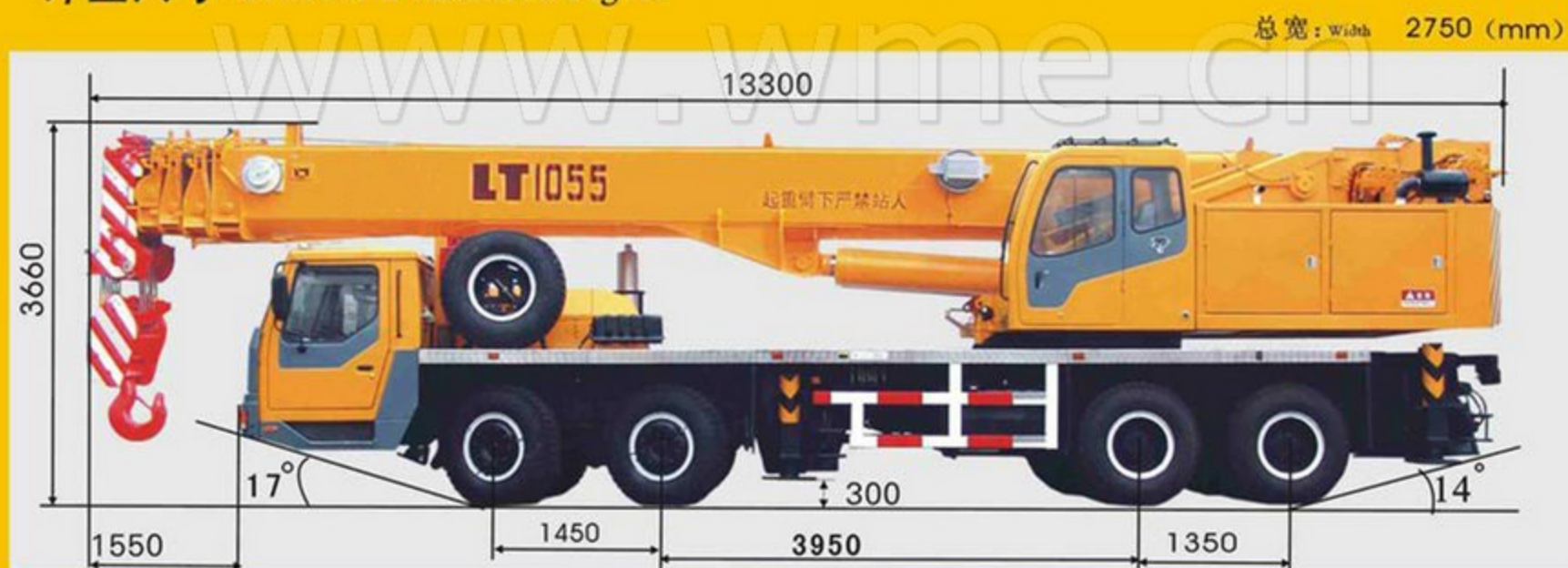
起重机设五节主臂、两节副臂，主臂长度达41米，PAT力矩限制器、齐星全宽驾驶室、大圆弧挡风玻璃，配冷暖空调。

Made-self drive 8×4 special carrier for truck crane with high quality main components and parts being purchased at home and abroad.

Equipped with Cummins water-cooled diesel engines for both superstructure and chassis (according to European standards II), British Lipe clutch, imported hydraulic pilot control valve, and solenoid valve from Italy.

5-section main boom of 41 meters and 2-section jib, with German PAT load moment limiter, Qixing low-line type driver's cab with whole block glass and cool & hot air conditioners.

外型尺寸 Contour Dimension Figure



说明 Note:

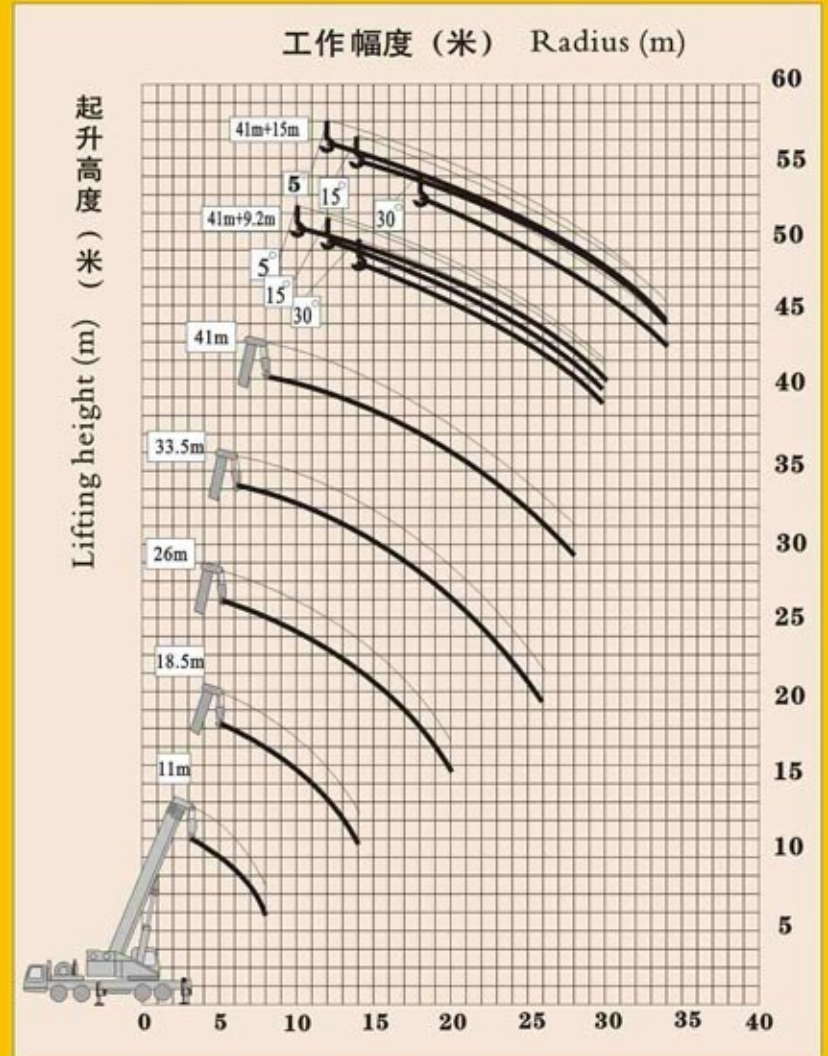
- 1、表中给定数值是在地面坚实，整机调平状态下起重机的额定起重量。表中工作幅度是指吊载后的实际幅度。注意副臂的工作幅度是完全伸出主臂（41m），并展开副臂进行作业时的数值。
- 2、打好第五支腿时，表中数值适用于沿圆周360°作业。
- 3、表中粗线以上数值为起重臂强度决定，粗线以下数值为整机稳定性决定，臂长11.0m吊载时，各节臂应处于完全缩回状态。
- 4、表中额定起重量包括吊钩重量及吊具重量：主钩重800kg公斤，副钩重120kg。使用臂尖滑轮时的额定起重不超过4000kg。若副臂处于展开状态，主臂起吊的额定起重量应减少2300kg。
- 5、如果臂长超过表中某一栏规定的数值时，应把该栏数值与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。
- 6、表中最低栏列出各种臂长度时的主臂最小仰角，严禁将起重臂变幅到所对应的最小仰角以下。
- 7、副臂吊载时，若主钩仍保留在主臂头部，则副臂起吊的额定起重量中，必须减去主钩的重量。

1. The tabulated values are rated lifting capacities of the crane leveled and standing on firm supporting surface. The tabulated working radii are actual radii with load lifted. The working radii of jib is the value of the fully extended boom (41m) + jib.
2. When the fifth outrigger is in use, the tabulated value is suitable for 360° working range.
3. The values above the bold line are based on boom strength, those below are based on the crane stability. Load for 11.0m boom length shall be lifted with boom fully retracted.
4. The weights of main hook 800kg and aux. hook 120kg are included in the tabulated values. When working with boom head pulley, the rated lifting capacities are no more than 4000kg. If the jib is fixed in working position, the rated lifting capacities at the boom must be reduced by 2300kg.
5. If the 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.
6. 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.
7. When lifting with jib and the main hook is at the head of main boom, the lifting capacity of jib must be reduced by the weight of hook.

主要技术参数 Main Specifications

基本臂臂长	Boom base length	11.0 (m)
最大起重量	Max. lifting capacity	65 (t)
幅度范围	Working radius	3-8(m)
最大起升高度	Max. lifting height	10.94 (m)
全臂臂长	Fully extended boom	41 (m)
最大起重量	Max. lifting capacity	8.5 (t)
幅度范围	Working radius	8-28(m)
最大起升高度	Max. lifting height	40.87 (m)
副臂臂长	Jib length	9.2-15(m)
最大起重量	Max. lifting capacity	3.5(t)
幅度范围	Working radius	10-34(m)
最大起升高度	Max. lifting height	55.78(m)
单绳起升速度	Single line lifting speed	0-112(m/min)
回转速度	Slewing speed	0-1.8(r/min)
全程变幅起/落时间	Elevating up / down	≤ 91 ≤ 86 (S)
起重臂全程伸/缩时间	Boom fully extending / retracting	≤ 176 ≤ 92 (S)
支腿收放时间	Outrigger telescoping: horizontal: retracting / extending	水平收/放 ≤ 34 / ≤ 35 (s)
	vertical: retracting / extending	垂直收/放 ≤ 40 / 45 (s)
底盘型号	Chassis type	QZC5440J
驱动形式	Drive	8x4
最高行驶速度	Max. traveling speed	75 (km/h)
最大爬坡度	Gradeability	40%
最小转弯半径	Min. turning radius	≤ 12 (m)
接近角	Approach angle	17°
离去角	Angle of departure	14°
支腿跨距	Longitudinal transverse	5.5 × 7.2 (m)
桥负荷分配	Axle load: front / rear	前17880 / 后25820 (kg)
轮胎规格	Tyre size	12: 00-20-18PR
上车发动机型号	Engine type for superstructure	康明斯6BTA5.9-C150
发动机功率	Power of engine	112kw/1800r/min
发动机最大扭矩	Max. torque of engine	630Nm/1500r/min
下车发动机型号	Engine type for chassis	康明斯NTC-330
发动机功率	Power of engine	246kw/2100r/min
发动机最大扭矩	Max. torque of engine	1400Nm/1300r/min
整机总质量	Self-weight	43700 (kg)
整机外形尺寸 (长×宽×高)	Overall dimensions (L×W×H)	13.300 × 2.75 × 3.66 (m)

起升高度曲线 Curve of Lifting Height

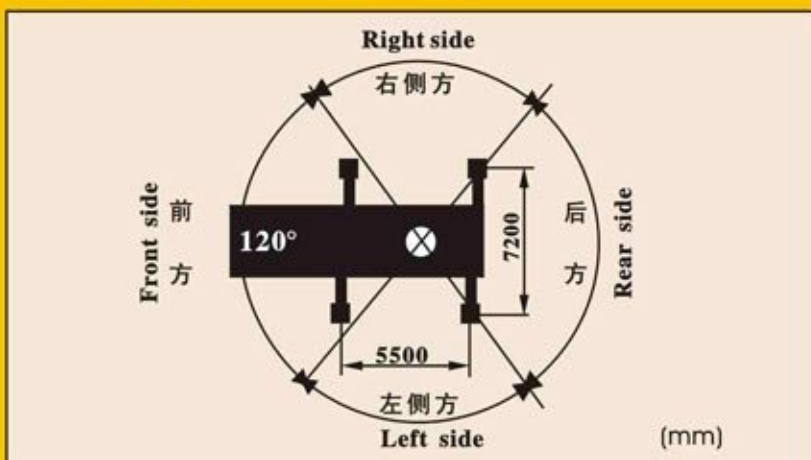


起重量表 Lifting Capacities

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 Working radius (m)	主臂 Main boom					主臂+副臂 Boom + Jib 41m+9.2			主臂+副臂 Boom + Jib 41m +15m				
	臂长 Boom length					副臂安装角 Jib angle			副臂安装角 Jib angle				
	11m	18.5m	26m	33.5m	41m	5°	15°	30°	5°	15°	30°		
3.0	65000												
3.5	50500												
4.0	43500												
5.0	36000	28000	19200										
6.0	25600	23500	18300	13800									
7.0	20000	19400	17200	13600									
8.0	16000	15000	15500	12800	8500								
9.0		12000	13200	11700	8200								
10.0		9600	11000	10600	7800	3500							
11.0		7900	9200	9300	7400	3200							
12.0		7200	8000	8200	7000	3000	2400			2400			
14.0		5100	6100	6300	6200	2700	2200	2000	2300	1500			
16.0			4800	5000	5100	2500	2000	1800	2000	1400			
18.0			3400	4200	4000	2200	1800	1700	1800	1300	1000		
20.0				2600	3500	3300	2000	1700	1600	1600	1200	1000	
22.0					2600	2600	1800	1500	1400	1400	1100	900	
24.0						2050	2100	1500	1400	1300	1200	1000	900
26.0							1800	1700	1200	1100	1100	1000	850
28.0								1250	900	1000	900	900	800
30.0									600	700	700	800	750
32.0										500	600	700	700
34.0											500	700	700
倍率 Line number	12	7	5	4	3				1			1	
主臂最小仰角 Min. angle of elevation of main boom				28°	40°			51°				53°	

工作范围 Working Range



产品不断改进和提高, 技术参数和部件配置若有变化和调整, 恕不另行通知, 以订货物时为准。
For further improvement, we reserve the right to amend this specification at any time without notice.

注:表中基本臂 11 米臂长, 黑体字所示为最大起重量, 其余为额定起重量。
Note: The length of boom base in the table is 11m. The values above the bold line are the max. lifting capacities, others are rated lifting capacities.