

《长江》汽车起重机全面跨越

长江TTC-G起重机系列 高配置 高性能
满足用户特别需求

CHANGJIANG TRUCK CRANE COMPREHENSIVE PROMOTION

CHANGJIANG TTC-G CRANE SERIES
HIGH CAPACITY HIGH COLLOCATION
SATISFY SPECIAL DEMANDS FOR CONSUMER

公司简介

四川长江工程起重机械有限公司位于中国历史文化名城四川省泸州市,地处成渝经济带的中间区域,物资资源丰富,地理条件优越。

公司具有40多年的汽车起重机和其它工程机械的生产制造历史,是中国著名的汽车起重机企业,公司始终秉持科技领先战略,通过技术创新、技术创新和不断的技术改造,其技术开发能力、生产制造能力、产品品种结构和质量控制能力处于同行先进水平地位,目前,公司产品产值达1.5亿元,生产占地23万平方米,设备1200多台,员工300多人,是四川省科技型企业,机械工业500强企业之一。公司已通过国际—级计量单位认证,产品3C认证和ISO9001—2000质量管理体系认证,产品起重能力为60—800吨,汽车起重机产能达20000。

“长江牌全液压系列汽车起重机”通过了美国产品的先进性和日本产品的适用性,以其先进的技术,可靠的质量经受了市场的检验,并成长为中国汽车起重机行业的知名品牌,是国内设计制造汽车起重机系列最全、规模最大、现代化大型工程机械企业之一。

2012年,四川长江工程起重机械有限公司在集团旗下的四川长江工程起重机械有限公司完成了一次质的转变和飞跃,并成功地将公司整体业务转移至四川泸州机械工业集中发展区,在机械工业集中发展区,建设新厂,购置新设备,形成新的汽车起重机生产能力和新厂,建成后的四川长江工程起重机械有限公司年生产能力将达50000,5年内将达到60亿元以上的销售规模。

CORPORATE PROFILE

Located in Luzhou, Sichuan Province, a famous historical and cultural city in the center of Chengdu-Chongqing economic belt, Sichuan Changjiang Engineering Crane Co., Ltd. enjoys rich resources and a superior geographical location.

As a renowned auto crane manufacturer in China, Changjiang boasts over four decades' history of manufacturing auto cranes and other construction machinery products, and persists in the strategy of technological leadership. Through technology introduction, technological innovation and constant technological renovation, the company has played a leading role in the industry in terms of technical strength, manufacturing capacity, product structure and quality control. With total assets of over 500 million yuan, a production area of over 230,000 square meters, over 1,300 units of equipment and over 300 workers, the company is one of Sichuan's technology-oriented enterprises and China's top 500 machinery manufacturers. The company has passed the national certification for first-class measuring entities, 3C product certification and ISO9001:2000 quality system certification, and manufactures 2,000 cranes with a lifting capacity of ranging from 60 to 800 every year.

“Changjiang” full-hydraulic auto crane integrates the advancement of U.S. and European products with the applicability of Japanese products, and has stood the test of the market by advanced technology and reliable quality, thus growing into a renowned brand in China's auto crane industry. Changjiang may be rated as one of the large-sized domestic modern construction machinery enterprises that design and manufacture the most complete range of full-hydraulic auto cranes.

In 2012, China Sinomach Heavy Industry Corporation under China National Machinery Industry Corporation (Sinomach) held a stake in Changjiang by increasing capital, bringing about a qualitative leap in the company. Upon the acquisition, the company will be entirely relocated to Luzhou Integrated Development Zone for Machinery Industry, purchase land in the zone, construct new plant buildings, add new equipment and form the new production capacity of hydraulic auto cranes. After the new plant is built up, the company's annual production capacity will reach 3,000 units and annual sales will top 5 billion yuan within five years.



Courtesy of Crane.Market



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Toplift

TTC036G

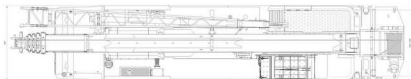
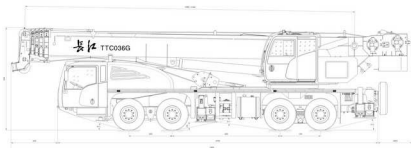
汽车起重机
TRUCK CRANE



Courtesy of Crane.Market

起重机外形尺寸 CRANE DIMENSIONS

TTC036G



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规格参数

SPECIFICATIONS

TTC036G

起重机总重量 Crane Weights

Gross vehicle weight (GVW) · 车辆总重量 (GVW)	37490 kg
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桥负荷 Axle Loads

Steering axles (axle 1 and 2) · 转向桥 (桥 1 和 2)	12690 kg
Drive axles (axle 3 and 4) · 驱动桥 (桥 3 和 4)	24800 kg

通过性参数 Ground Clearances

Minimum ground clearance · 最小离地间隙	270 mm
Ramp angle · 纵向通过角	19°
Approach angle · 接近角	16.3°
Departure angle · 离去角	13.3°

轴距 Wheel Base ·

Distance between axle 1 and 2 · 桥 1 和 2 之间的距离	1,450 mm
Distance between axle 2 and 3 · 桥 2 和 3 之间的距离	3,600 mm
Distance between axle 3 and 4 · 桥 3 和 4 之间的距离	1,350 mm

轮距 Wheel Track

Axle 1 and 2 · 桥 1 和 2	2086 mm
Axle 3 and 4 · 桥 3 和 4	1830 mm

支腿跨距 Outrigger Dimensions

Longitudinal span · 纵向跨距	5.3 m
Transverse span · 横向跨距	6.1 m

支腿反力 Outrigger Forces

Maximum counterforce · 最大支反力	310 kN
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外形尺寸 Overall Dimensions ·

(Length x Width x Height) · (长 x 宽 x 高)	13.43X2.5X3.41 m
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技术描述

TTC036G

TECHNICAL DESCRIPTIONS

发动机和变速箱 Engine and Transmission

	Weichai power 潍柴动力	wp10.300n
	Emission compliance 排放标准	National Exhaust Standard II 国家排放标准 II
	Number of cylinders 缸数	6
	Aspiration 进气	Turbocharged 涡轮增压
	Rated power 额定功率	221 KW/1900 rpm
	Maximum torque 最大扭矩	1390Nm/1200-1500rpm
	Estimated fuel consumption per 100 km 100 km 油耗	38 L
	Fuel type 燃油类型	Diesel 柴油
	Fuel tank capacity 燃油箱容积	300 L
	Lowest start temperature 最低启动温度	-30 °C
	Manual gearbox with ZF style air-boosted shifting ZF 气动助力式手动变速箱	Manual air-boosted shift 气动助力式手动变速箱

技术描述

TECHNICAL DESCRIPTIONS

TTC036G

驾驶室 Driver Cab



Adjustable driver seat
可调节司机座椅

Adjustable steering wheel
可调节方向盘



Airconditioner and heater
空调和加热装置

操纵室 Operator Cab



Adjustable seat
可调节座椅



Load moment limiter display
载荷力矩限制装置的显示



Airconditioner and heater
空调和加热装置

技术描述

TTC036G

TECHNICAL DESCRIPTIONS

起重量 Lifting Capacity

	Maximum rated capacity for main hook 主钩额定起重量	36 t
	Maximum rated capacity for auxiliary hook 副钩额定起重量	3.5 t
	Maximum load moment 最大起重力矩	1395 kN.m

主臂和零件 Boom and Components

	Profile 截面形状	Octagonal 八边形
	Number of sections 节数	5
	Base boom length 基本臂长度	11 m
	Base boom maximum lift height 基本臂最大起升高度	11 m
	Base boom maximum working radius 基本臂最大作业半径	9 m
	Fully extended boom length 全伸臂长度	41 m
	Fully extended boom maximum lift height 全伸臂最大起升高度	41.16 m
	Fully extended boom maximum working radius 全伸臂最大作业半径	32 m

副臂 Jib

	Fully extended boom maximum lift height with jib 安装副臂最大起升高度	54.68 m
	Fully extended boom maximum working radius with jib 安装副臂最大作业半径	36 m
	Slewing speed 回转速度	2.0 rpm

技术描述 TECHNICAL DESCRIPTIONS

TTC036G

起升机构工作速度 Winch Performance

1		Main hoist – 3rd layer – single rope speed 主卷扬 – 第三层 – 单绳速度	0-110 m/min
2		Auxiliary hoist – 3rd layer – single rope speed 副卷扬 – 第三层 – 单绳速度	0-110 m/min

起重臂工作速度 Crane Boom Function Speeds

	Elevation – up 起臂	45 sec
	Elevation – down 落臂	55 sec
	Full extension 全伸	119 sec
	Full retract 全缩	94 sec

支腿工作速度 Outrigger Function Speeds

		Simultaneous full extension 同步伸出	60 sec
		Simultaneous full retract 同步收缩	65 sec

支腿操纵 Outrigger Controls

	Dual outrigger controls – LH and RH side 支腿操纵 – 左侧和右侧	Dual control 两侧操纵
	Ambient working temperature 作业温度	-20 °C – +40 °C

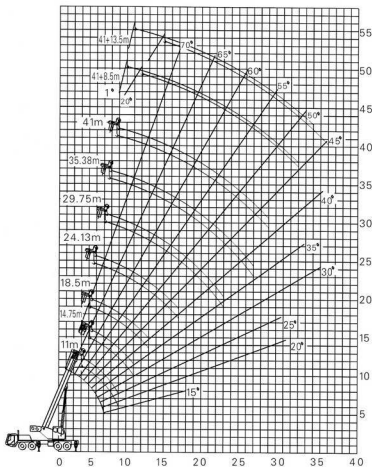


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起升高度 RANGE DIAGRAM

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起重量表

LOAD CHARTS

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Fully extended · 支腿全伸 (100%)

360°

幅度 m	支腿全伸后与前方作业 (当使用第五支腿全伸可实现 360° 作业)											
	主臂 (m)						主臂·副臂 (m)					
	11m	14.75m	18.85m	24.13m	29.75m	35.38	41m	41×8.5		41×13.5		
								1°	30°	1°	30°	
3.0	36.00											
3.5	36.00	32.00	26.60									
4.0	34.00	30.00	25.10									
4.5	31.00	27.90	23.20									
5.0	27.50	26.00	21.60	16.30	13.50							
5.5	25.00	23.90	20.10	16.20	13.50							
6.0	22.00	19.50	18.80	14.70	13.00	10.50						
6.5	19.00	18.00	18.00	14.20	12.20	10.00						
7.0	17.00	16.50	16.60	12.80	11.00	9.50	7.80					
7.5	15.00	15.00	15.00	12.00	10.70	9.20	7.60					
8.0	13.50	13.50	13.80	11.40	10.50	9.00	7.40					
8.5	10.80	11.80	11.00	10.20	10.00	8.30	7.00					
9.0		9.30	9.20	9.10	9.00	7.60	6.50	3500				
10		7.80	7.80	8.00	8.20	7.00	6.10	3200		2000		
11		7.00	6.50	7.50	7.40	6.60	5.80	3000	1850	2000		
12			4.30	5.60	6.20	5.50	5.10	2800	1850	1900		
14			3.20	4.20	4.60	4.60	4.40	2450	1700	1740	1200	
16				3.20	3.40	3.90	3.80	2130	1550	1560	1100	
18				2.20	2.60	3.10	3.00	1850	1380	1380	1000	
20					2.00	2.40	2.40	1640	1220	1200	900	
22					1.60	1.80	2.00	1290	1050	1020	800	
24					1.10	1.20	1.50	1040	880	860	700	
26						1.00	1.10	770	730	680	600	
28						0.75	0.85	510	540	520	510	
30							0.60	320	380	400	460	
32								200	250	320	370	
34										250	300	
36											220	
倍率	8	8	6	6	4	3	3	1				
主臂最小仰角												
				25°	25°	40°	45°					

说明 Notes

表中的数据为坚硬地面上水平状态下的额定起重量。表中的作业半径是负载起吊后的实际半径。

粗线以上的数据基于起重机的强度，粗线下的数据基于起重机的稳定性。使用 11 m 长的起重臂起吊时，各臂腿必须处于完全缩回状态。

表中的负载值包括了吊钩的重量。主钩是 400 kg，副钩是 102 kg。在副臂处于完全展开时，主臂的起重量必须减去 1500 kg。

当主钩位于主臂头部时，使用副臂起吊时，副臂的起重量必须减去 400 kg。使用臂端滑轮作业时，各部分的起重量必须减去 400 kg，但是最大起重量是 3500 kg。在副钩位于臂端滑轮的情况下使用主钩时，起重臂各部分的额定起重量必须减少 102 kg。

当不使用第五个支腿时，在前面 120° 的范围不能起吊。使用第五个支腿时，根据表中 360° 范围中的额定起重量进行起吊。

如果臂长超过表中某一栏规定的数值时，应把该栏数值与比它更长一级臂长的数值进行比较，按照其中较小的额定起重量进行作业。

表中最后一列列出了主臂各种臂长的仰角。严禁将起重臂受辐到所对应的最小仰角以下。

The values in table are rated lifting capacities of crane on solid ground and in a level state. The working radius in the table are actual radius after load lifting. The values above the bold line are based on crane strength, those below the bold line are based on crane stability. While lifting with boom length of 11 m each section must be fully retracted.

The tabulated load ratings includes weight of hooks, main hook is 400 kg and auxiliary hook is 102 kg. While the jib is in extension state the rated load capacity lifted by main boom must be reduced by 1500 kg.

When the main hook is at the head of main boom: lifting with jib, the lifting capacities of jib must be reduced by 400 kg; When working with head pulley, the rated lifting capacities at each section must be reduced by 400 kg, but max. lifting capacities is 3500 kg; Using main hook when auxiliary hook at the head of pulley of the boom tip, the rated lifting weight of each part of lifting boom should be reduced by 102 kg.

When the fifth outrigger is not in use, no lifting in front of 120° range. On the fifth outrigger, according to the tabulated rated lifting capacities in 360° range. If the boom length exceeds the specified values, comparing it's capacities with the next longer one's, the load to be lifted will be with the smaller one's. 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 for bidden.