

LT20JG4

Telescopic Boom Lifts-Engine



▼ Safety and Reliability

- Double redundancy design of limit switch and long angle sensor, precise control of each working range;
- High precision working platform weighing sensor, continuous monitoring of platform load;
- Virtual wall protection can be configured to effectively protect the operator's safety.

▼ High-efficient and Comfortable

- 300kg unrestricted load and 454kg restricted area load in the whole working range;
- Closed hydraulic drive, variable main pump with electric proportional control, driving more stable;
- The design of automatic balance swing bridge is suitable for complex working conditions;
- Fully hydraulic four-wheel drive system for faster response;
- Multi-functional combined Hall full-scale effect joystick for more efficient operation.

▼ Compact Structure

- The maximum working height is 22 m, the maximum working outreach is 17.8m, and the working range is wide;
- The Jib can be rotated vertically at 135°, and the working range covers 60° downward to 75° upward;
- Four-bar linkage design, the structure is more compact.

▼ Maintenance Friendly

- Real-time monitoring and transmission of vehicle information;
- Historical fault record query;
- Maintenance tips;
- Working condition information record;
- Self-lubricating bearing;
- Screw-out engine tray.

Standard Features

- Platform working lights
- Anti-extrusion system
- Load sensing system
- Two-wheel steering
- Auto brake system
- Emergency descent system
- Automatic leveling system of platform
- 2.4m three entry large working platform
- Hydraulic oil dispersion
- Flashing amber beacon
- Over tilt protective system
- Platform self-locking door
- Double work area
- All motion alarm
- Emergency stop system
- Electro-hydraulic proportional control
- Remote fault diagnosis system



Sales hotline : (+86) 511 - 80960018

National service hotline : 400-8899-856

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We reserve the right to change the plan and parameters without informing the users as Liugong products are constantly updated and improved.

The product configuration and appearance in the photo are different from the actual model which should be subject to the actual product.

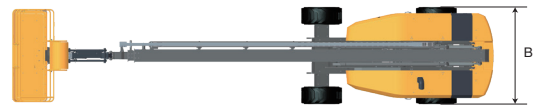
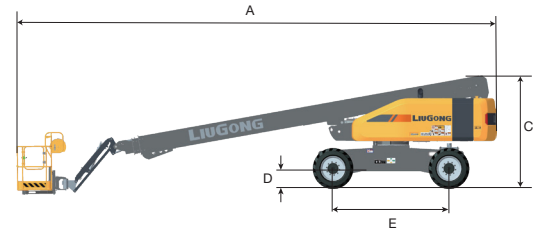
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Main Parameters

Item	Unit	LT20JG4
Size		
Max.Working Height	m	22
Max.Platform Height	m	20
Max.Operating Range	m	17.8
A-Overall Length(Stowed)	m	9.7
B-Overall Width(Stowed)	m	2.49
C-Overall Height(Stowed)	m	2.8
Overall Length(Transport)	m	9.7
Overall Width(Transport)	m	2.28
Overall Height(Transport)	m	2.57
Platform Size(L×W×H)	m	2.44×0.91×1.1
Turntable Tailswing	m	1.34
D-Ground clearance	m	0.4
E-Wheelbase	m	2.5
Turning Radius(Inside/Outside)	m	2.4/5.5
Tyres	/	36×14-20/8.5
Performance		
Platform Load(Unrestricted/Restricted)	kg	300/454
Max.Occupants	/	2
Gradeability	/	45%
Travel Speed(Stowed)	km/h	5
Travel Speed(Raised)	km/h	0.6
Max.Working Slope	/	X-5°/Y-5°
Turret Rotation	/	360°(Continuous)
Platform Rotation	/	±90°
Jib Movement	/	-60°~+75°
Drive Steering Type	/	4WD×2WS
Weight		
Overall Weight	kg	12500
Power		
Power	/	YCF3050-T423/36.8kW
Fuel Tank Volume	L	150
Hydraulic Tank	L	170



Unit: m

LT20JG4 Performance Curve

