

# LT20J

## Self-Propelled Telescopic Boom Type Aerial Work Platform



### ▼ Safety and Reliability

- Double redundancy design of limit switch and long angle sensor, precise control of each working range;
- High-precision workbench load sensor, continuous monitoring platform weight;
- 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 load sensitive system, 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 22m, the maximum working outreach is 17.2m, 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                 | ·Flashing amber beacon                  |
| ·6-inch color display                    | ·Over tilt protective system            |
| ·Load sensing system                     | ·Platform self-locking door             |
| ·220v power supply                       | ·Double work area                       |
| ·Auto brake system                       | ·Action buzzer                          |
| ·Emergency descent system                | ·Emergency stop system                  |
| ·Automatic leveling system of platform   | ·Electro-hydraulic proportional control |
| ·Remote fault diagnosis system           | ·T-BOX                                  |
| ·2.4m three entry large working platform | ·Anti-extrusion device                  |



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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.

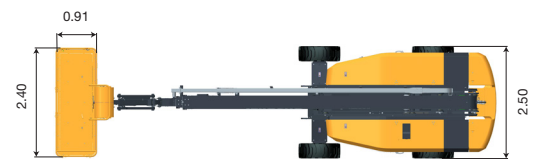
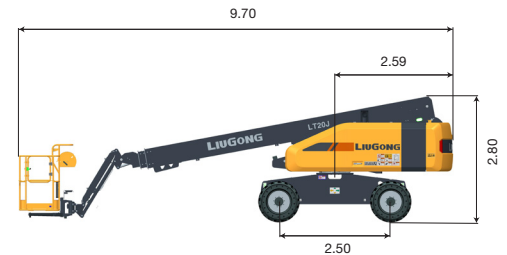
The product configuration and appearance in the photo are different from the actual model which should be subject to the actual product.

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## Main Parameters

Item	Unit	LT20J
Size		
Max.Working Height	m	22
Max.Platform Height	m	20
Max.Horizontal Outreach	m	17.2
Extension Depth (Downward)	m	2.7
Platform Size	m	2.4×0.91
Length(Stowed)	m	9.7
Height(Stowed)	m	2.8
Width(Stowed)	m	2.5
Wheelbase	m	2.5
Ground Clearance (Axis)	m	0.4
Performance		
Platform Load( Restricted)	kg	454
Platform Load (Unrestricted)	kg	300
Max. Number of Workers	/	2
Platform Rotation	°	±90°
Swing Angle of Jib	°	135°(-60°~+75°)
Turret Rotary	°	360°(Continuous)
Turntable Tailswing	m	1.34
Travel Speed (Stowed)	km/h	4.8
Travel Speed (Raised)	km/h	1.1
Gradeability(Four Wheel Drive)	%	45
Turning Radius (Inside)	m	2.4
Turning Radius (Outside)	m	5.5
Tyre	/	36×14-20
Power		
Power	/	Yuchai YCF3050-T302,36.8kW
Auxiliary Power Unit (DC)	V	12
Fuel Tank Volume	L	150
Hydraulic System		
Hydraulic Pressure	MPa	26
Hydraulic Tank Volume	L	150
Weight		
Total Weight	kg	12300



Unit: m

LT20J Performance Curve

