

# 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
- 6-inch color display
- Load sensing system
- 220v power supply
- Auto brake system
- Emergency descent system
- Automatic leveling system of platform
- Remote fault diagnosis system
- 2.4m three entry large working platform
- Flashing amber beacon
- Over tilt protective system
- Platform self-locking door
- Double work area
- Action buzzer
- Emergency stop system
- Electro-hydraulic proportional control
- T-BOX
- Anti-extrusion device



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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
<b>Size</b>		
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
<b>Performance</b>		
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
<b>Power</b>		
Power	/	Yuchai YCF3050-T302,36.8kW
Auxiliary Power Unit (DC)	V	12
Fuel Tank Volume	L	150
<b>Hydraulic System</b>		
Hydraulic Pressure	MPa	26
Hydraulic Tank Volume	L	150
<b>Weight</b>		
Total Weight	kg	12300

