

ZOOMLION

TELESCOPIC BOOM LIFT

ZT51J

Comply with ANSI/CSA/CE Standard

4WS



HIGHLIGHTS

- ▶ Work height up to 50.6m and horizontal outreach up to 25m
- ▶ Industry's first polygonal innovative boom, boom weight reduced by more than 10%, vertical stiffness increased by 25%, torsion resistance increased by 20%, and offers small deformation and stable control
- ▶ X outrigger offers larger working envelope, stronger off-road ability, and better stability
- ▶ Intelligent control of four-wheel steering ensures coordination and consistency of outriggers during steering and expansion
- ▶ All-wheel steering angles are automatically matched ensure straight travel
- ▶ Stowed jib for ease of transportation, shortening the transporting length and cutting the transporting cost

FEATURES

Standard Features

Horn
Proportional control
All motion alarm
Flashing beacon
Self-closing entry gate
Emergency descent system
Emergency stop button
Auto-leveling system
On-board diagnostic system
Tilt protection system
Load sensing system
4.3' Led display
Swing-out engine tray
Anemograph

Accessories & Options

- ▶ Platform work light
- ▶ Anti-collision device
- ▶ Anti-collision device

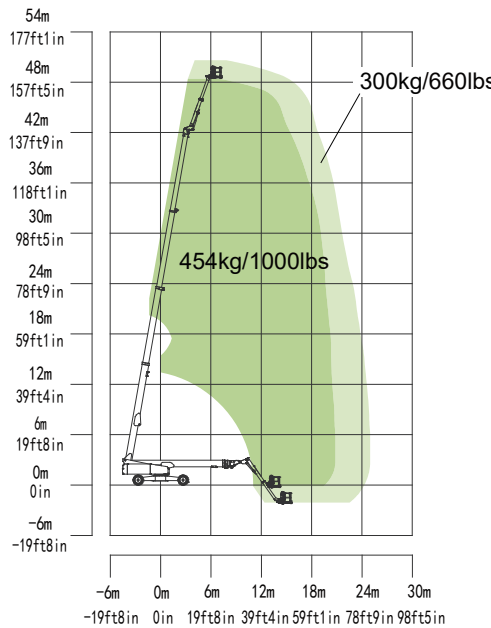
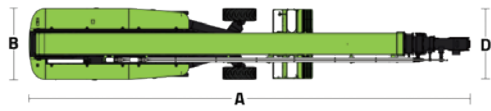
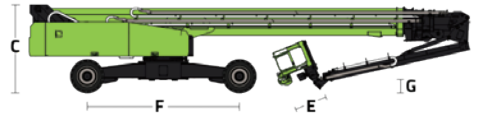
ACCESS WITH ZOOMLION GREEN

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ZOOMLION

Model	ZT51J	
	Metric	Imperial
Size		
Work Height	50.6m	166ft
Platform Height	48.6m	159ft 5in
Horizontal Outreach	25m	82ft
A - Stowed Length	14.2m	46ft 7in
B - Stowed Width	2.5m	8ft 2in
C - Stowed Height	3.06m	10ft
D - Platform Length	2.44m	8ft
E - Platform Width	0.91m	3ft
F - Wheelbase	5.357/4.69m	17ft 7in/15ft 5in
Tread	2.5/5.15m	8ft 2in/16ft 11in
G - Ground Clearance	0.40m	1ft 4in
Performance		
Platform Capacity (Unrestricted/Restricted)	300/454kg	660/1000lb
Drive Speed (Stowed)	4.5km/h	2.8mph
Gradeability	45%(24°)	
Turning Radius (Inside)	6.79/2.57m	22ft 3in/8ft 5in
Turning Radius (Outside)	8.43/6.39m	27ft 8in/20ft 12in
Turntable Swing	360° continuous	
Platform Rotation	±90°	
Tail Swing	1.95m	6ft 5in
Jib (Range of Articulation)	125° (-55°~70°)	
Max. Wind Speed	12.5m/s	28mph
Power		
Engine	Cummins QSF3.8(Stage III) 73kw Cummins F3.8(Stage V) 75kw	
Fuel Tank Capacity	200L	52.8gal
Control Voltage	12V DC	
Hydraulic Tank Capacity	320L	84.5gal
Drive Mode	4WD	
Steering Mode	4WS/Front wheel/Crab	
Tire		
Type	Foam-filled Tires	
Weight		
Gross	25200kg	55556.4lb



Range of Motion ZT51J

ZOOMLION ACCESS reserves the right to make specification and/or equipment changes without prior notification.
Product specifications are updated to May, 2026.