

ZOOMLION

EXTENDED-RANGE HYBRID TELESCOPIC BOOM LIFT

ZT51JEH-V

Comply with CE Standard

HIGHLIGHTS

- ▶ Highest range-extended hybrid telescopic boom lift, work height reaches 50.6m, and outreach of 25m
- ▶ Common polygon boom features light weight, good stiffness, and strong torsion resistance
- ▶ Perfect combination of large-capacity lithium battery and long-life range extension system, switchable working mode of electricity or fuel, able to charge in work site
- ▶ High efficiency, long working hours, large power, full charge and full fuel for more than 7 work days
- ▶ Low voltage platform power system with more than 20 safety protections, safer and more reliable
- ▶ Low temperature feedback current control and power adaptive technology, eliminate the risk of battery thermal runaway, and extend the life of lithium battery by 10%
- ▶ No backward tilt limit, easy to operate
- ▶ Folded jib for compact transporting size and low transportation cost



FEATURES

Standard Features

Telecommunications System	Emergency descent system	4.3' Led display
Horn	Emergency stop button	Anemograph
Proportional control	Auto-leveling system	Anti-crushing device
All motion alarm	On-board diagnostic system	Remote monitoring and rental management platform
Flashing beacon	Tilt protection system	
Self-closing entry gate	Load sensing system	

Accessories & Options

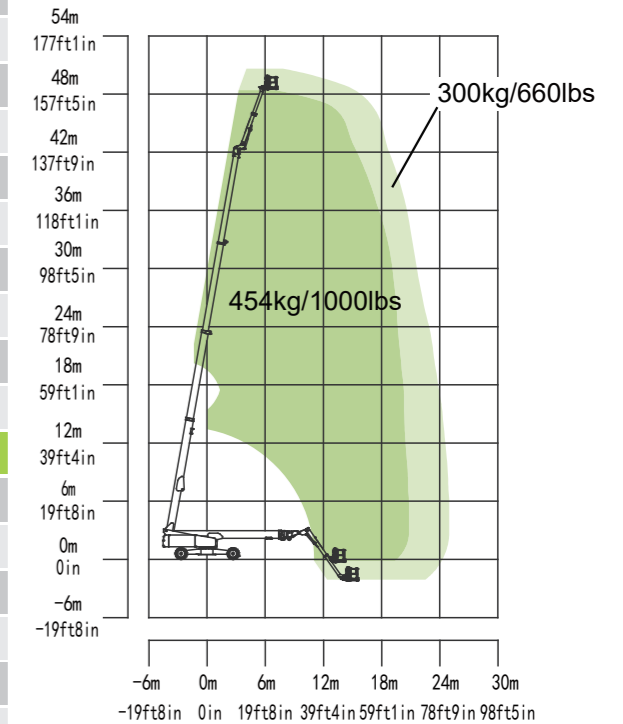
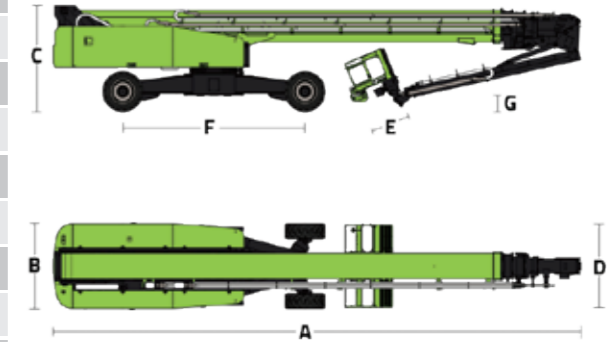
- ▶ Platform work light
- ▶ Anti-collision device
- ▶ AC power to platform

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Model	ZT51JEH-V
Size	
Work Height	50.6m
Platform Height	48.6m
Horizontal Outreach	25m
A Overall Length (Stowed)	14.2m
B Overall Width (Stowed)	2.5m
C Overall Height (Stowed)	3.06m
D Platform Length	2.44m
E Platform Width	0.91m
F Wheelbase	5.36/4.69m
Track width	2.5/5.15m
G Ground Clearance	0.40m
Performance	
Platform Capacity	300/454kg
Drive Speed (stowed)	4.5km/h
Gradeability	45%(24°)
Turning Radius (Inside)	6.79/2.57m
Turning Radius (Outside)	8.43/6.39m
Turntable Rotation	360° continuous
Platform Rotation	±90°
Tail Swing	1.95m
Jib Rotation	125° (-55°~70°)
Max. Wind Speed	12.5m/s
Power	
Battery	80V/606Ah
Range Extender	18.2kW
Charger	80V /80A
Drive Motor	6.5kW
Lift Motor	30kW
Auxiliary power	12V DC
Fuel Tank	105L
Hydraulic Tank Capacity	300L
Tire	
Tire Type	Foam-filled tire
Weight	
Gross	26000kg



Range of Motion ZT51JEH-V