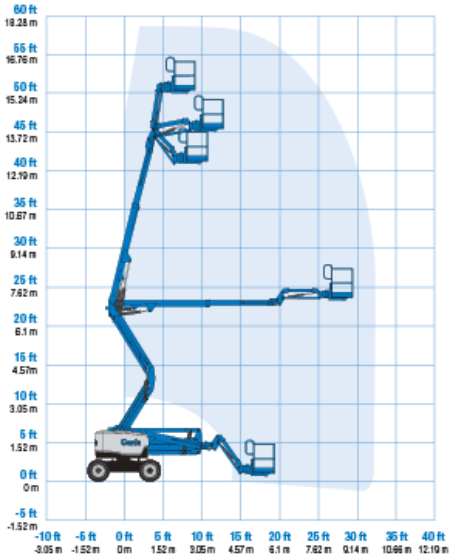
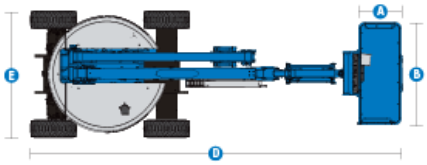
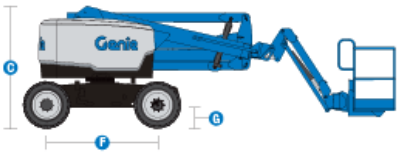
Z51/30JRT BOOM LIFT

51FT DIESEL BOOM LIFT ARTICULATED ROUGH TERRAIN WHEELED

Models	Z-51/30J RT	
Measurements	**US**	**Metric**
Working height max.[1]	57 ft 8 in	17.59 m
Platform height max.	51 ft 2 in	15.59 m
Horizontal reach max.	30 ft 9 in	9.37 m
Up and over clearance max.	24 ft 3 in	7.39 m
A Platform length	2 ft 6 in	0.76 m
B Platform width	6 ft	1.83 m
C Height - stowed	7 ft	2.13 m
D Length - stowed	24 ft 11 in	7.58 m
E Width	7 ft 6 in	2.29 m
F Wheelbase	6 ft 8 in	2.03 m
G Ground clearance - center	1 ft 3 in	0.37 m
Productivity		
Lift capacity max. - unrestricted	500 lb	227 kg
Platform rotation	160°	
Jib length	5 ft	1.52 m
Vertical jib rotation	135°	
Turntable rotation	355°	
Turntable tailswing	0 in	0 cm
Drive speed - stowed[2]	5 mph	8 km/h
Drive speed - raised	0.61 mph	0.98 km/h
Gradeability - stowed[2]	45 %	
Tilt sensor activation (front to back/side to side)	2.5° - 4.5° / 4.5°	
Turning radius - inside/outside	5 ft 6 in / 14 ft 9 in	1.68 m / 4.50 m
Tires (foam-filled)	315/55 D20	
Power		
Power	Diesel	
Auxiliary power unit	12V DC	
Hydraulic tank capacity	24 gal	90.9 L
Fuel tank capacity	17 gal	64 L
Weight[3] and Floor Loading[4]		
Weight	16,300 lb	7,394 kg
Tire contact pressure	80 psi	552 kPa
Occupied floor pressure (tires)	230 psf	11.01 kPa
Sound and Vibration Levels		
Sound Pressure level (ground workstation)	86 dBA	
Sound Pressure level (platform workstation)	79 dBA	
Vibrations	8 ft 2 in/s²	2.5 m/s²







Disclaimer: Specifications are indicative only and may vary between model years or individual units. For equipment hire, we will supply the same or an equivalent model that is fit for the disclosed purpose.