

Z51/30JRT BOOM LIFT

51FT DIESEL BOOM LIFT ARTICULATED

Models	Z-51/30J RT	
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Measurements	Metric	US
Working height maximum*	17.59 m	57 ft 8 in
Platform height maximum	15.59 m	51 ft 2 in
Horizontal reach maximum	9.37 m	30 ft 9 in
Up-and-over clearance maximum	7.39 m	24 ft 3 in
A Platform length	0.76 m	2 ft 6 in
B Platform width	1.83 m	6 ft
C Height - stowed	2.13 m	7 ft
D Length - stowed	7.58 m	24 ft 11 in
E Width	2.29 m	7 ft 6 in
F Wheelbase	2.03 m	6 ft 8 in
G Ground clearance - centre	0.38 m	1 ft 2.8 in

Productivity

Lift capacity	227 kg	500 lbs
Platform rotation	160°	
Vertical jib rotation	135°	
Turntable rotation	355° non-continuous	
Turntable tailswing	zero	zero
Drive speed - stowed	7.2 km/h	4.5 mph
Drive speed - raised**	0.98 km/h	0.6 mph
Gradeability - 4WD - stowed***	45%	45%
Turning radius - inside	1.68 m	5 ft 6 in
Turning radius - outside	4.50 m	14 ft 9 in
Controls	12 V DC proportional	
Tyres	315/55 D20 foam filled	

Power

Power source	Deutz D2011 L03i 3 cylinder diesel 48 hp (35.8 kW)	
Auxiliary power unit	12 V DC	
Hydraulic tank capacity	83 L	22 gal
Fuel tank capacity	64.4 L	17 gal

Sound & Vibration Levels

Sound pressure level (ground workstation)	86 dBA	
Sound pressure level (platform workstation)	79 dBA	
Vibration	<2.5 m/s ²	<8 ft 2 in/s ²

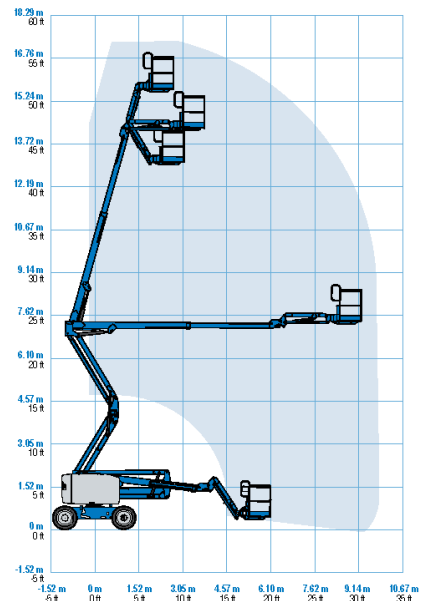
Weight****

	7,404 kg	16,322 lbs
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Standards Compliance

AS 1418.10

Range Of Motion Z-51/30J RT



* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

** In lift mode (platform raised), the machine is designed to operate on firm, level surfaces only.

*** Gradeability applies to driving on slopes. See Operator's Manual for details regarding slope ratings.

**** Weight will vary depending on options and/or country standards.

