

Self-Propelled Articulating Booms

Z™-51/30J RT

Specifications

Models	Z-51/30J RT	
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	0.375 m	1 ft 3 in

Productivity

Lift capacity	227 kg	500 lbs
Platform rotation	160°	160°
Vertical jib rotation	135° (+78°/-57°)	
Turntable rotation	355° non-continuous	
Turntable tailswing	zero	zero
Drive speed - stowed	8 km/h	5 mph
Drive speed - raised**	1 km/h	0.61 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 35.8 kW (48 hp)	
Auxiliary power unit	12 V DC	12 V DC
Hydraulic tank capacity	90.9 L	24 gal
Fuel tank capacity	64.4 L	17 gal

Sound & Vibration Levels

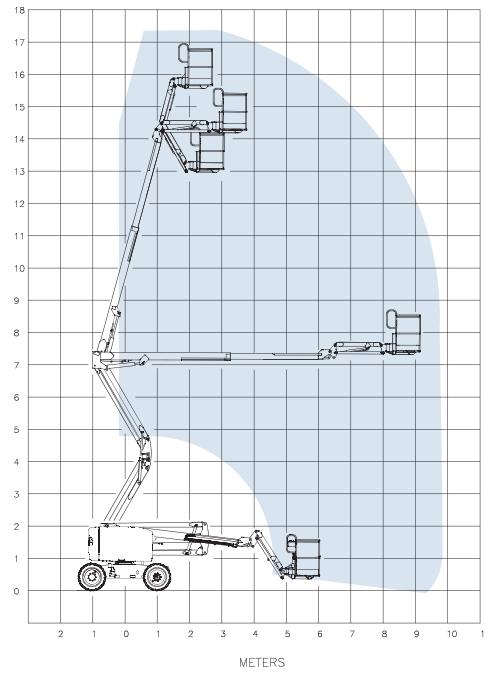
Sound pressure level (ground workstation)	86 dBA	86 dBA
Sound pressure level (platform workstation)	79 dBA	79 dBA
Vibration	<2.5 m/s ²	<8 ft 2 in/s ²

Weight****

	7,394 kg	16,300 lbs
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Standards Compliance EU Directives: 2006/42/EC - Machinery (harmonized standard EN280); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

Range Of Motion Z-51/30J RT

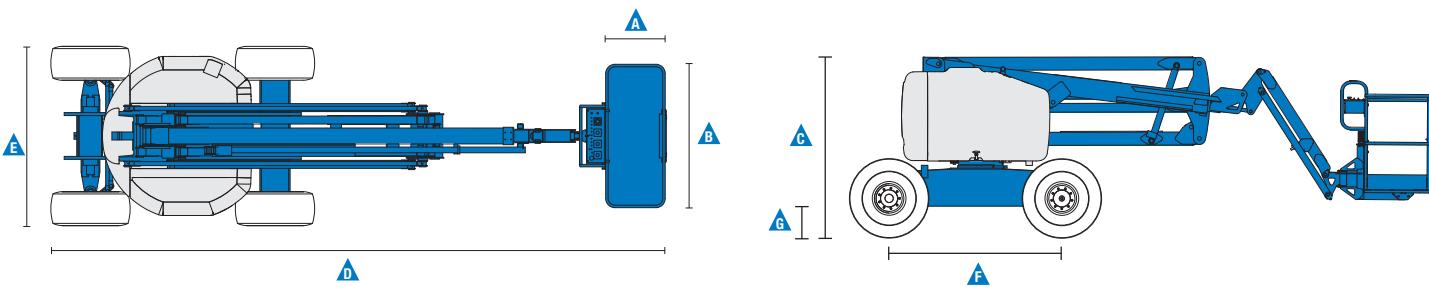


* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

** 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.



Features

Standard Features	Easily Configured To Meet Your Needs	Options & Accessories
<p>Measurements</p> <p>Z-51/30J RT</p> <ul style="list-style-type: none"> • 17.59 m (57 ft 8 in) working height • 9.37 m (30 ft 9 in) horizontal reach • 7.39 m (24 ft 3 in) up and over clearance • Up to 227 kg (500 lbs) lift capacity <p>Productivity</p> <ul style="list-style-type: none"> • Self-levelling platform • Proportional joystick controls • Telematics-Ready Connector • Thumb rocker steering • Drive enable • AC power cord to platform • Horn • Hour meter • Tilt alarm • Descent & travel alarms • Flashing beacon • 355° non-continuous turntable rotation • Positive traction drive • Two speed wheel motors • Hydraulic oil cooler • Dual parallelogram for vertical wall tracking • Certified load sensor • Lift Guard™ Contact Alarm • Auxiliary power unit <p>Power</p> <ul style="list-style-type: none"> • 12 V DC auxiliary power • Engine protection package • Deutz intake air heater 	<p>Platform Options</p> <ul style="list-style-type: none"> • Steel 1.83 m (6 ft) dual entry with side swing gate <p>Jib Options</p> <ul style="list-style-type: none"> • Articulating 1.52 m (5 ft) jib boom <p>Power Options</p> <ul style="list-style-type: none"> • Deutz diesel 35.8 kW (48 hp) <p>Drive Options</p> <ul style="list-style-type: none"> • 4 x 4 <p>Axle Options</p> <ul style="list-style-type: none"> • Active oscillation <p>Tyre Options</p> <ul style="list-style-type: none"> • Rough terrain foam-filled (standard) • Rough terrain non-marking foam filled 	<p>Productivity</p> <ul style="list-style-type: none"> • Platform top auxiliary rail • Air line to platform • Power to platform (incl. plug, socket and ground fault interrupt leakage on request) • Work lights package (2 on chassis, 2 on platform) • Biodegradable hydraulic oil • Tilt cut-out option • Track & Trace ⁽¹⁾ (GPS unit providing machine location & operating information) • Lockable platform control box cover • Operator Protective Structure <p>Power</p> <ul style="list-style-type: none"> • Diesel catalytic and spark arresting muffler • Engine gauge package (oil pressure, temperature) • AC generator packages (110V/60Hz - 220V/50Hz, 2200W, hydraulically driven) • Low temperature cut-out module • Engine heater option • Refinery kit with spark arrestor and electric or mechanical Chalwyn valve
		<p><small>⁽¹⁾ Includes a first 2 years subscription</small></p>

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