

Self-Propelled Articulating Booms

Z™-51/30J RT

Specifications

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
▲ Platform length	0.76 m	2 ft 6 in
▲ Platform width	1.83 m	6 ft
▲ Height - stowed	2.13 m	7 ft
▲ Length - stowed	7.58 m	24 ft 11 in
▲ Width	2.29 m	7 ft 6 in
▲ Wheelbase	2.03 m	6 ft 8 in
▲ 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

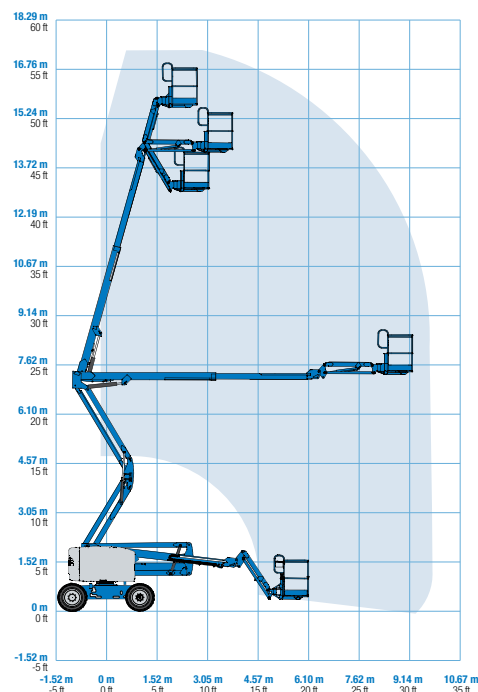
Weight****

	7,404 kg	16,322 lbs
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Standards Compliance

AS 1418.10

Range Of Motion Z-51/30J RT

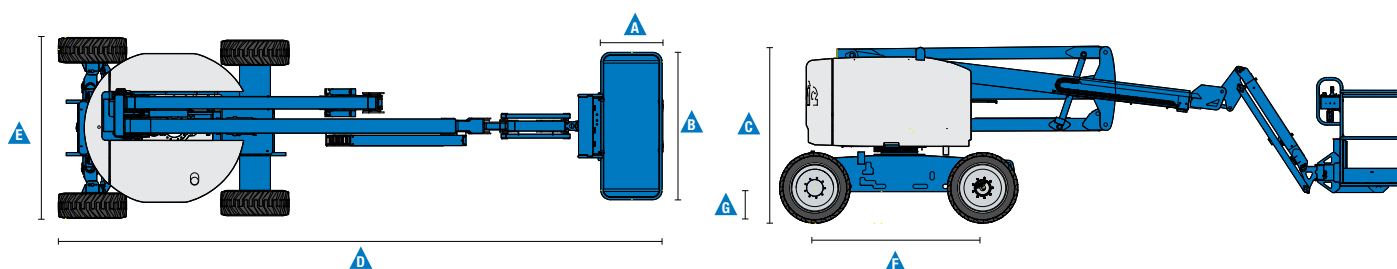


* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

** 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.



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Features

Standard Features

Measurements

- 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

Productivity

- Self-levelling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- 355° non-continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- Dual flashing beacons
- Thumb rocker steering

Power

- 12 V DC auxiliary power
- Swing out engine tray
- Intake air heater

Jib

- 1.52 m (5 ft) jib boom

Engine

- Deutz diesel 35.8 kW (48 hp)

Drive

- 4WD

Axle

- Active oscillation

Tyre

- Rough terrain foam-filled

Options & Accessories

Productivity Options

- Platform swing gate
- Half mesh platform inserts with swing gate
- Air line to platform
- Biodegradable hydraulic oil
- Fire resistant hydraulic oil
- Light package
- Lockable platform control box cover

Power Options

- 7 kVA hydraulic generator (240 V/50 Hz)
- Cold weather packages
- Diesel catalytic purifier muffler
- Diesel catalytic spark arrester muffler
- 240 V power to platform

Tyre Options

- Non Marking Tyres



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Effective Date: May, 2019. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or their subsidiaries in the USA and many other countries. Genie is a registered trademark of Terex South Dakota, Inc. © 2018 Terex Corporation.