

STANDARD FEATURES

- 17.6 m (57 ft 3 in) working height
- 9.2 m (30 ft 4 in) horizontal reach
- 1.52 m (5 ft) jib boom
- 227 kg (500 lb) lift capacity
- 1.8 m (6 ft) self-levelling steel platform
- Hydraulic platform rotation
- Thumb rocker steer
- Positive traction 4 WD
- Active oscillating axle
- Rough terrain foam filled tyres
- Fully proportional controls
- 12 V DC auxiliary power unit
- Drive enable system
- Engine protection package
- AC power to platform
- Intake heater
- Horn
- Hour meter
- Tilt alarm
- Alarm package with beacon
- Fully certified load sensor

PLATFORM OPTIONS

- 1.2 m or 1.5 m (4ft or 5 ft) platforms
- 1.8 m (6 ft) tri-entry steel platform
- Platform swing gate
- Half mesh platform
- Platform auxiliary top rail

TYRE OPTIONS

- Rough terrain non-marking tyres: foam filled

OTHER OPTIONS

- Air line to platform
- Tool tray
- Platform work lights
- Front driving lights
- Lockable control box cover
- 3000 watt AC generator (220V)
- 3500 watt AC generator (110V)
- Hostile environment package
- Tow package
- Arctic oil
- Arctic hoses
- Pipe cradle
- Fluorescent tube caddy
- Diesel spark arrestor
- Diesel exhaust spark arrestor/scrubber

STANDARD COMPLIANCE

- CE EN280
- Tier II emission compliant engine

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The Z™ 51/30J RT is the latest addition to the world class line up of Genie Z™ Booms. This new articulating Z™ boom features a platform height of 15.6 m (51 ft 3 in), 9.2 m (30 ft 4 in) of horizontal outreach, and 7 m (23 ft 1 in) of up-and-over clearance. The 1.52 m (5 ft) articulating jib boom provides increased flexibility and the 160° platform rotation allows precise platform positioning and easy operation. The active oscillating axle provides superior terrainability.

Specifications	Metric	Imperial
Working height max.*	17.6 m	57 ft 3 in
Platform height max.	15.6 m	51 ft 3 in
Horizontal reach max.	9.2 m	30 ft 4 in
Up and over clearance	7 m	23 ft 1 in
(A) Platform length	0.76 m	2 ft 6 in
(B) Platform width	1.83 m	6 ft
(C) Height stowed	2.16 m	7 ft 1 in
(D) Length stowed	7.50 m	24 ft 6 in
(E) Width	2.29 m	7 ft 6 in
(F) Wheelbase	2 m	6 ft 8 in
(G) Ground clearance – centre	0.39 m	15.5 in
Lift capacity	227 kg	500 lbs
Platform rotation	160°	160°
Turntable rotation	359° non-continuous	359° non-continuous
Turntable tailswing	zero	zero
Drive speed – stowed	8 km/h	5 mph
Drive speed – raised**	1 km/h	0.6 mph
Lift speed to full height	52 sec.	52 sec.
Gradeability*** - 4x4	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	355/55 D625 foam filled	
Power	Deutz Diesel F3L 2011F 49 hp (36 Kw)	
Auxiliary power unit	12 V DC	
Hydraulic tank capacity	90 L	24 gal.
Fuel tank capacity	64 L	17 gal.
Weight****	7,210 kg	15,900 lbs

* The metric equivalent of working height adds 2 m to platform height. Imperial 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.

