

SOUTHERN *CRANES & ACCESS*

SOUTHERN *CONTRACT LIFTING*



GENIE 51/30RT

SELF PROPELLED
ARTICULATING BOOM



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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 (4 ft 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

GENIE 51/30 RT

SELF PROPELLED ARTICULATING BOOM

The Z - 51/30J RT is the latest edition 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 12V 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****	7210 kg	15900 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.

