

# 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
▲ Platform length	0.76 m	2 ft 6 in
A Platform width	1.83 m	6 ft
A 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	0.375 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) Deutz TD2.2 L3 turbo diesel, 3 cylinder 49hp (37kW) Stage V		
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 <sup>2</sup>	<8 ft 2 in/s <sup>2</sup>	

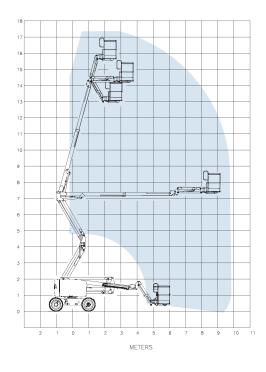
## Weight\*\*\*\*

7,394 kg	16,300 lbs	

## Standards Compliance

EU Directives: 2006/42/EC - Machinery (harmonized standard EN280:2013+A1:2015); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

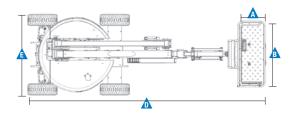
# Range Of Motion Z-51/30J RT

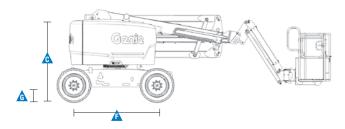


- \* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

  \*\* 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.







# Self-Propelled Articulating Booms

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## **Features**

# Standard Features

#### Measurements

#### Z-51/30J RT

- 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
- Proportional joystick controls
- Telematics-Ready Connector
- Thumb rocker steering
- Drive enable
- · Chassis tilt drive function cut-out
- 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
- Zero Tailswing
- Lift Connect<sup>™</sup> Telematics
- Lift Guard<sup>™</sup> Contact Alarm
- Lift Tool<sup>™</sup> Work Tray

#### Power

- 12 V DC auxiliary power
- Engine protection package
- · Deutz intake air heater

### Easily Configured To Meet Your Needs

#### Platform

 Steel 1.83 m (6 ft) dual entry with sideswing gate (standard)

#### Jib

• Articulating 1.52 m (5 ft) jib boom

#### Power

- Deutz D2011 L03i 3 cylinder diesel 35.8 kW (48 hp)
- Deutz TD2.2 L3 turbo diesel, 3 cylinder 49hp (37kW) Stage V

#### Drive

• 4 x 4

#### Axle

Active oscillation (standard)

#### Tyre Options

- Rough terrain foam-filled (standard)
- Rough terrain non-marking foam filled

# Options & Accessories

#### Productivity

- Lift Guard<sup>™</sup> Half and Full mesh platform<sup>(1)</sup>
- Platform auxiliary top rail
- Air line to platform
- Power to platform: plug, socket, with optional Residual-current Circuit Breaker with Overcurrent protection
- Work lights package (2 on chassis, 2 on platform)<sup>(1)</sup>
- Biodegradable hydraulic oil
- Chassis tilt lift function cut-out (software setting)
- Track & Trace<sup>(2)</sup> (GPS unit providing machine location & operating information)
- · Lockable platform control box cover
- Operator Protective Structure(3)
- Tool Tray<sup>(3)</sup>
- Fall Arrest Bar<sup>(3)</sup>

#### Power

- Diesel catalytic scrubber
- Engine gauge package (oil pressure & temperature and voltage)<sup>(1)</sup>
- Lift Power<sup>™</sup> 3kW AC generator, 110V/50Hz or 220V/50Hz
- Low temperature cut-out module
- EMEAR Cold Start kit: Inc. Engine heater & battery charger





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