Self-Propelled Articulating Booms

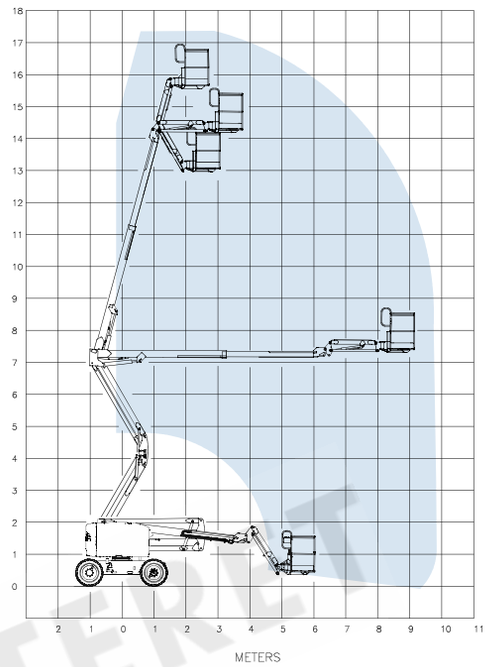
Z®-51/30J RT

Specifications

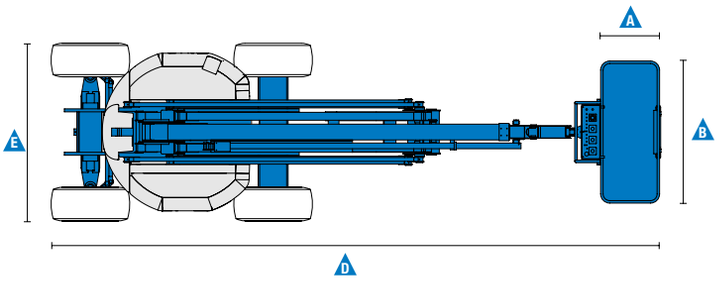
Models	Z-51/30J RT	
Measurements	**Metric**	**US**
Working height maximum*	17.59 m	57 ft 8 in
Platform height maximum	15.59 m	51 ft 2 in
Horizontal reach maximum	9.37 m	30 ft 9 in
Up-and-over clearance maximum	7.39 m	24 ft 3 in
A Platform length	0.76 m	2 ft 6 in
B Platform width	1.83 m	6 ft
C Height - 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/s²	<8 ft 2 in/s²
Weight****		
	7,394 kg	16,300 lbs

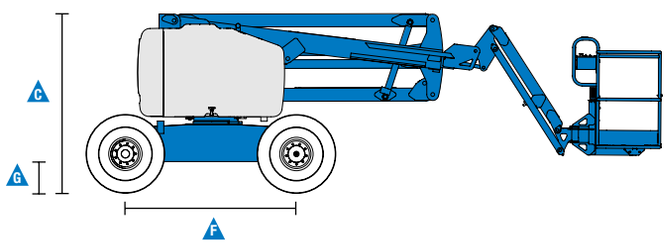
Standards Compliance EU Directives: 2006/42/EC - Machinery (harmonized standard EN280); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

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.





UTLEIE SENTERET

Self-Propelled Articulating Booms

Z®-51/30J RT

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 Guard™ Contact Alarm

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 side swing gate

Jib

- Articulating 1.52 m (5 ft) jib boom

Power

- Deutz diesel 35.8 kW (48 hp)

Drive

- 4 x 4

Axle

- Active oscillation (standard)

Tyre Options

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

Options & Accessories

Productivity

- Half mesh platform
- 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) [1]
- Biodegradable hydraulic oil
- Chassis tilt lift function cut-out (software setting)
- Track & Trace [2] (GPS unit providing machine location & operating information)
- Lockable platform control box cover
- Operator Protective Structure[3]
- Tool Tray [3]
- Fall Arrest Bar [3]

Power

- Diesel catalytic scrubber
- Engine gauge package (oil pressure & temperature and voltage) [1]
- AC generator packages (110V/60Hz - 220V/50Hz, 2200W, hydraulically driven)
- Low temperature cut-out module
- EMEAR Cold Start kit: Inc. Engine heater & battery charger

[1] Factory-fit option only
[2] Includes a first 2 years subscription
[3] Aftermarket only

UTLEIE SENTRET

United Kingdom

The Maltings, Wharf Road, Grantham NG31 6BH, T: +44 800 988 3739 (toll free), Fax +44 (0)1476 584334, Email AWP-InfoEurope@terex.com

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