

Specifications

Model	Z-60/37DC & Z-60/37FE	
Measurements	Metric	US
Working height maximum*	20.16 m	65 ft 7 in
Platform height maximum	18.16 m	59 ft 7 in
Horizontal reach maximum	11.15 m	36 ft 7 in
Up and over clearance maximum	7.39 m	24 ft 3 in
A Platform length - 8 ft / 6 ft model	0.91 m / 0.76 m	3 ft / 2 ft 6 in
B Platform width - 8 ft / 6 ft model	2.44 m / 1.83 m	8 ft / 6 ft
C Height - stowed	2.54 m	8 ft 4 in
Height - transport (jib tucked under)	2.62 m	8 ft 7 in
A Length - stowed	8.15 m	26 ft 9 in
Length - transport (jib tucked under)	6.30 m	20 ft 8 in
A Width	2.49 m	8 ft 2 in
A Wheelbase	2.49 m	8 ft 2 in
A Ground clearance - center	0.33 m	1 ft 1 in

Productivity

Lift capacity	227 kg	500 lbs
Platform rotation	160°	160°
Vertical jib rotation	135°	135°
Turntable rotation	355° non-continuous	
Turntable tailswing - riser up	0.58 m	1 ft 11 in
Turntable tailswing - riser down	0.81 m	2 ft 8 in
Drive speed - stowed	6.44 km/h	4.0 mph
Drive speed - raised**	1.09 km/h	0.68 mph
Gradeability - 4WD - stowed***	45%	45%
Turning radius - inside	2.51 m	8 ft 3 in
Turning radius - outside	5.69 m	18 ft 8 in
Controls	24V DC proportional	
Tyres	355/55D 625	

Power

Drive system	34 V 3-Phase AC	
Power source	48 V DC (eight 6V batteries)	
	390 Ah capacity (FLA standard on DC)	
	415 Ah capacity (AGM standard on FE)	
	24.8 hp (18.5kW) Kubota D1105 T4f driven AC generator (FE only)	
Auxiliary power unit	12V DC	12V DC
Hydraulic tank capacity	68.14 L	18 gal
Fuel tank capacity	64.35 L	17 gal

Sound & Vibration Levels

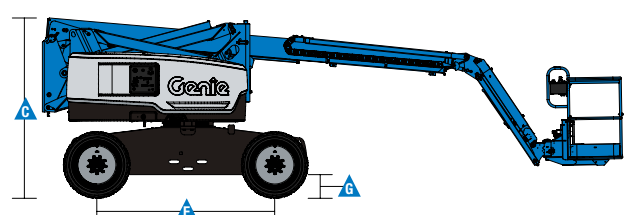
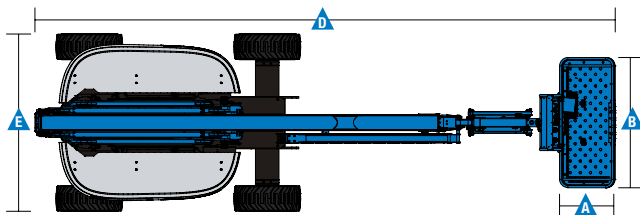
Sound pressure level (ground workstation)	70 dBA (DC) / 77 dBA (FE)
Sound pressure level (platform workstation)	70 dBA (DC) / 72 dBA (FE)
Vibration	0.553 m/s ² (1.81 ft/s ²)

Weight****

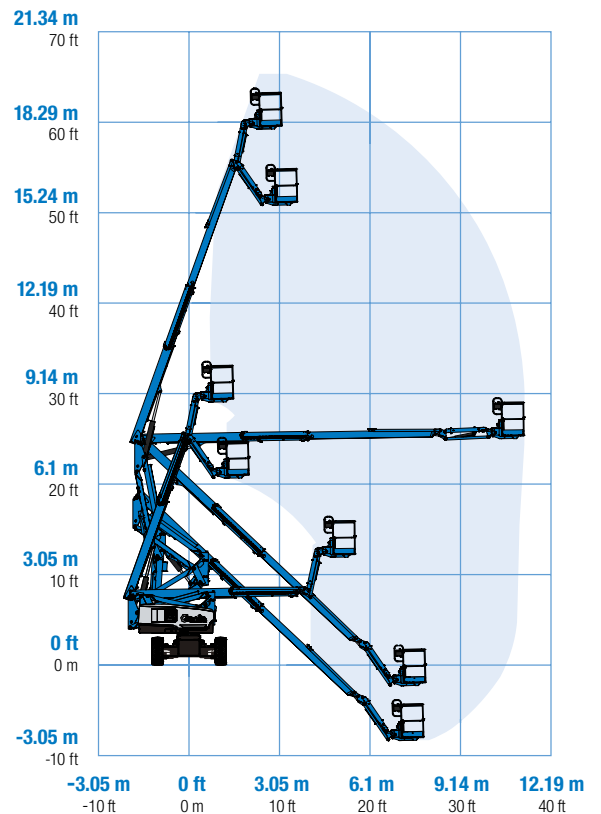
Z-60/37DC	7,530 kg	16,600 lbs
Z-60/37FE	7,756 kg	17,100 lbs

Standards Compliance

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



Range Of Motion Z-60/37DC & Z-60/37FE



* 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 operators manual for details regarding slope ratings.
 **** Weight will vary depending on options and/or country standards.

Features

Standard Features

Measurements

- 20.16 m (65 ft 7 in) working height
- 11.15 m (36 ft 7 in) horizontal reach
- 7.40 m (24 ft 3 in) up and over clearance
- Up to 227 kg (500 lbs) lift capacity

Productivity

- Digital hour meter with battery charge indicator and diagnostic readout
- 4 Wheel AC electric drive system
- Variable speed high efficiency hydraulic power unit
- Self-leveling platform
- Hydraulic platform rotation
- 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
- Locking turntable covers
- Positive traction drive
- Dual parallelogram for vertical wall tracking
- Lift Guard™ Contact Alarm

Power

- 48 V DC battery pack (390Ah FLA standard on DC)
- 48 V DC battery pack (415Ah AGM standard on FE)
- 12V DC auxiliary power
- 25A temperature compensated smart charge system
- Battery charge indicator
- Low battery voltage interrupt

Easily Configured To Meet Your Needs

Platform Options

- Steel 1.83 m (6 ft) dual entry with side swing gate (standard)
- Steel 2.44 m (8 ft) tri entry with side swing gate

Jib

- 1.52 m (5 ft) jib boom with 135° working range

Engine (FE only)

- 18.5 kW (24.8 hp) Kubota T4 diesel

Drive

- 4WD Electric AC (standard)

Axle

- Active oscillation (standard)

Tyre Options

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

Options & Accessories

Productivity Options

- Half mesh platform inserts
- 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⁾
- Dual axis joystick steering ⁽¹⁾
- Biodegradable hydraulic oil
- Aircraft protection package: platform foam padding and padded disable system ^(1,4)
- Hostile environment kit: cylinder bellows, boom wiper seals platform and ground control box covers ⁽¹⁾
- Track & Trace ⁽²⁾ (GPS unit providing machine location & operating information)
- Chassis tilt lift function cut-out (software setting)
- Panel cradle package ⁽¹⁾
- Lockable platform control box covers
- Tow package ⁽¹⁾
- Operator Protective Structure⁽³⁾
- Tool tray ⁽³⁾
- Fall Arrest Bar ⁽³⁾

Power Options

- 2000W 120V/60Hz, 240V/50Hz or 110V/50Hz power inverter
- FLA (flooded lead acid) batteries (standard on DC)
- AGM maintenance-free batteries (standard on FE)
- Low temperature cut-out module



⁽¹⁾ Factory-fit option only

⁽²⁾ Includes a first 2 years subscription

⁽³⁾ Aftermarket only

⁽⁴⁾ Reduces load capacity of about 27 kg (60 lb). Only available with 1.83 m (6 ft) platform, not available with any other platforms nor options on the platform

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