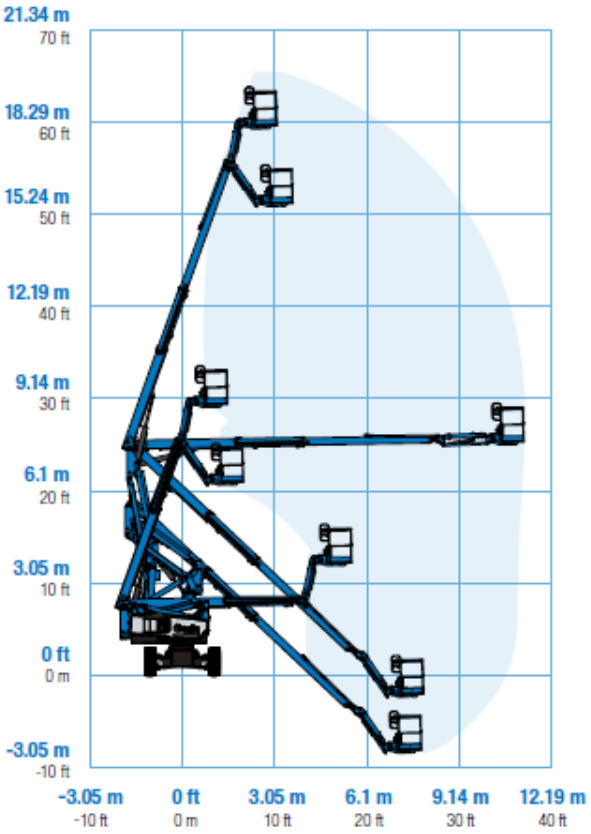
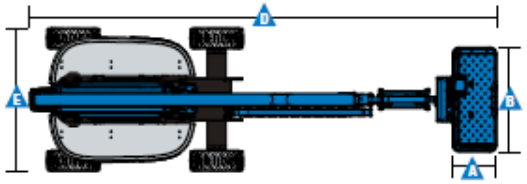
# Z60/37FE BOOM LIFT

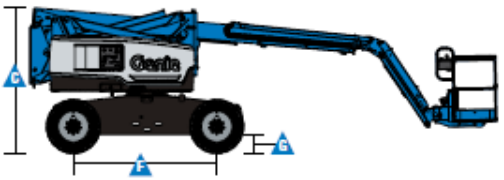
## 60FT HYBRID BOOM LIFT ARTICULATED

| Model | 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 | 0.91 m | 3 ft |
| B Platform width | 2.44 m | 8 ft |
| C Height - stowed | 2.54 m | 8 ft 4 in |
| Height - transport (jib tucked under) | 2.62 m | 8 ft 7 in |
| D Length - stowed | 8.15 m | 26 ft 9 in |
| Length - transport (jib tucked under) | 6.30 m | 20 ft 8 in |
| E Width | 2.49 m | 8 ft 2 in |
| F Wheelbase | 2.49 m | 8 ft 2 in |
| G 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 | 6.4 km/h | 4.0 mph |
| Drive speed - raised** | 1.0 km/h | 0.7 mph |
| Gradeability - 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 6 V batteries)<br>390 Ah capacity<br>24.8 hp (18.5 kW) Kubota D1105 T4f driven<br>AC generator | |
| Auxiliary power unit | 12 V DC | 12 V DC |
| Hydraulic tank capacity | 68.4 L | 18 gal |
| Fuel tank capacity | 64.4 L | 17 gal |
| **Sound & Vibration Levels** | | |
| Sound pressure level (ground workstation) | 77 dBA | |
| Sound pressure level (platform workstation) | 72 dBA | |
| Vibration | 0.55 m/s² (1.81 ft/s²) | |
| **Weight**** | | |
| Z-60/37FE | 7,686 kg | 16,944 lbs |
| **Standards Compliance** | AS 1418.10 | |

### Range Of Motion Z-60/37FE






Disclaimer: Specifications are indicative only and may vary between model years or individual units. For equipment hire, we will supply the same or an equivalent model that is fit for the disclosed purpose.

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## Features

### Standard Features

#### Measurements

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

#### Productivity

- 1.52 m (5 ft) jib boom with 135° working range
- Digital hour meter with battery charge indicator and diagnostic readout
- 4 Wheel AC electric drive system
- Variable speed high efficiency hydraulic power unit
- Self-levelling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Telematics Ready Connector
- Thumb rocker steering
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent & travel alarms
- Flashing beacon
- Tilt cut-out
- 355° non-continuous turntable rotation
- Locking turntable covers
- Positive traction drive
- Certified load sensor
- Lockable platform control box cover

#### Power

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

#### Platform

- Steel 2.44 m (8 ft) tri entry with side swing gate

#### Engine

- 18.5 kW (24.8 hp) Kubota T4 diesel

#### Drive

- 4WD Electric AC

#### Axle

- Active oscillation

#### Tyres

- Rough terrain non-marking foam filled

### Options & Accessories

#### Productivity Options

- Half mesh platform inserts
- Air line to platform
- 240 V power to platform
- Work lights package
- Biodegradable hydraulic oil
- Operator Protective Structure
- Operator Protective Alarm






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