

Specifications

| Model | Z-60 DC & Z-60 FE | |
|--|-------------------|------------------|
| 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 |
| Below ground reach | 2.46 m | 8 ft 1 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 |
| 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 | 6.44 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 Stage V 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) |

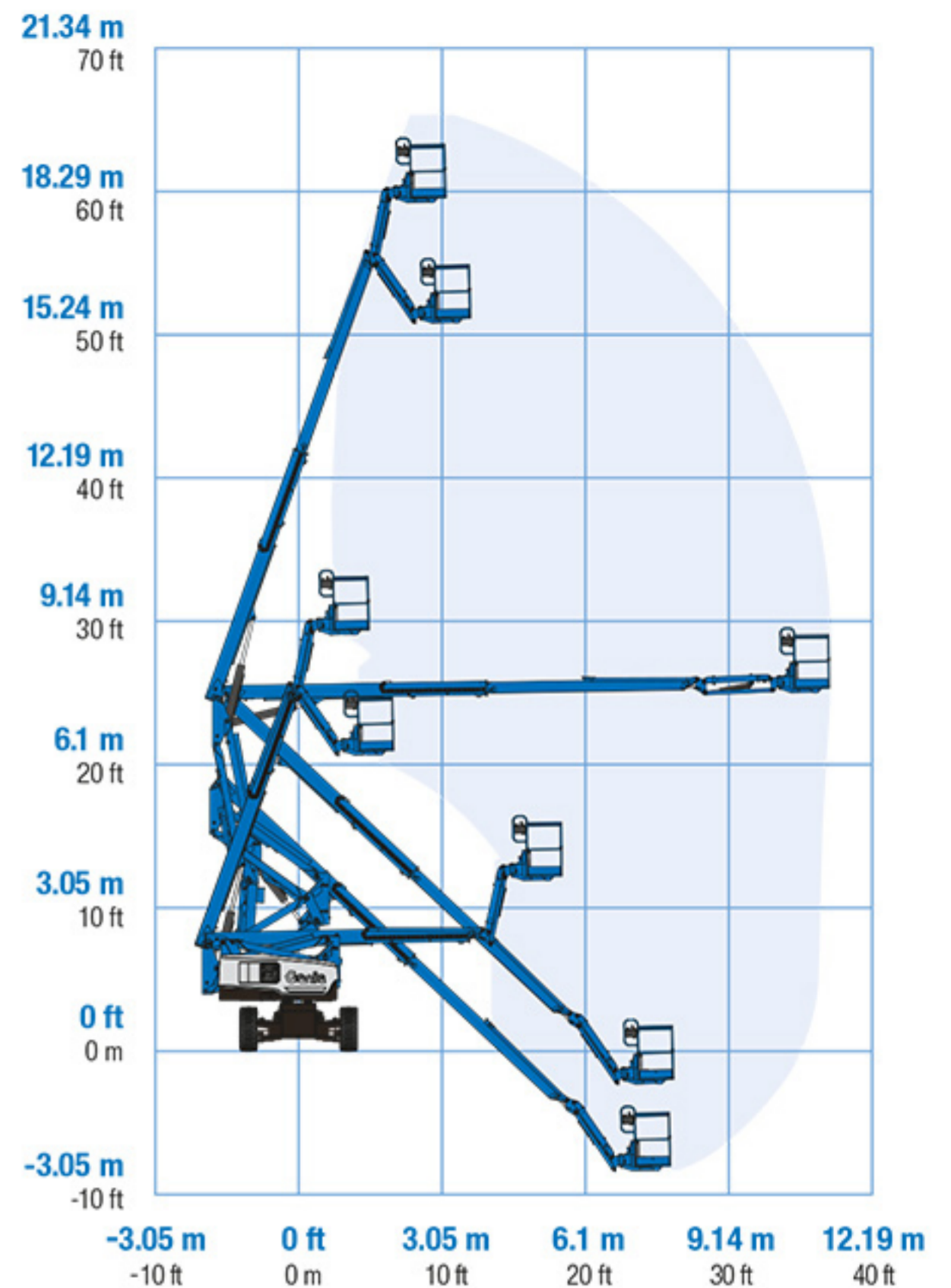
Weight****

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

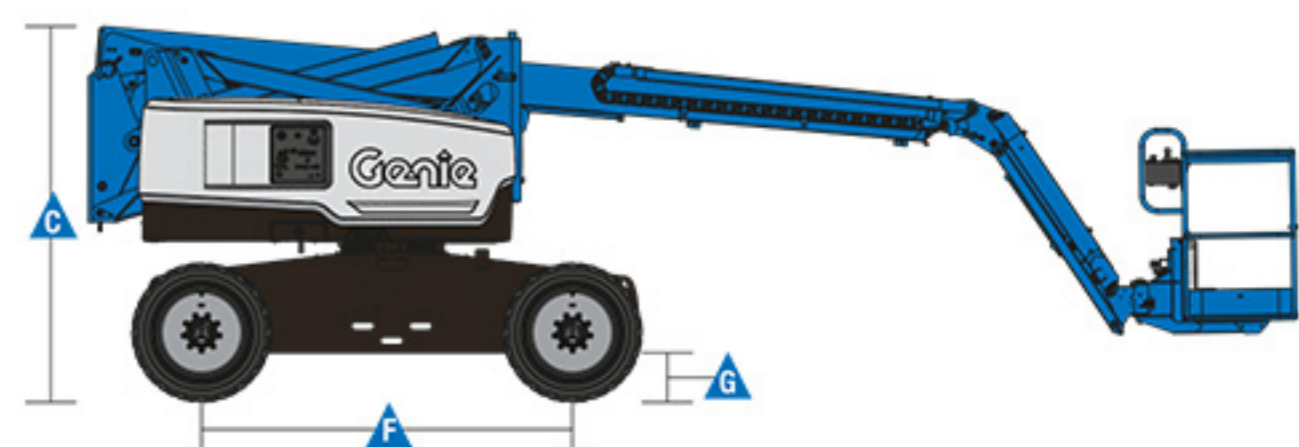
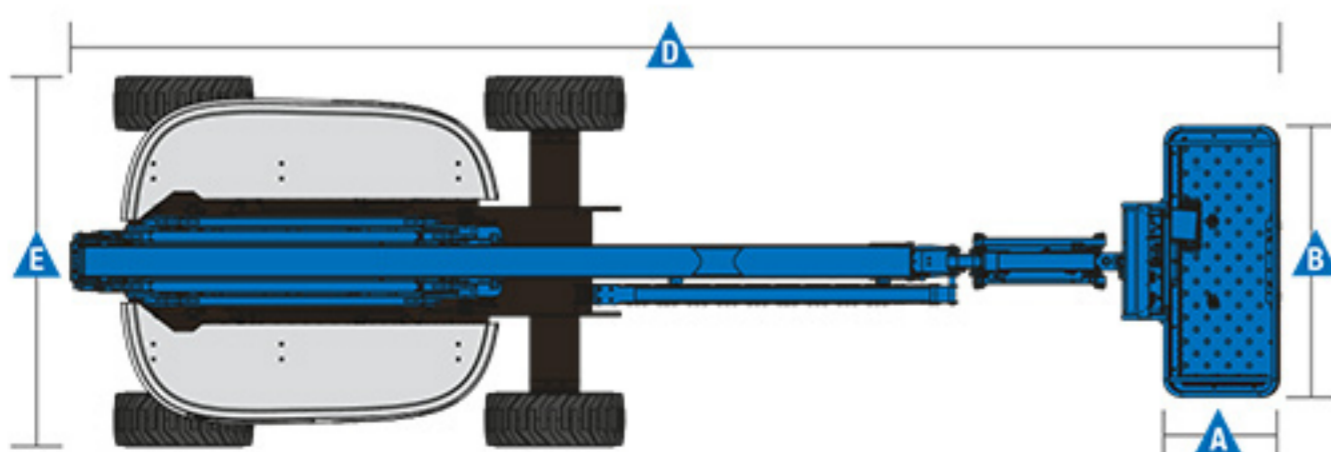
Standards Compliance

EU Directives: 2006/42/EC - Machinery (harmonized standard EN280), European Emissions Regulation (EU) 2016/1628 Stage V; 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

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



* 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 | Easily Configured To Meet Your Needs | Options & Accessories |
|-------------------|--------------------------------------|-----------------------|
|-------------------|--------------------------------------|-----------------------|

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
- Tool Tray

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

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 Stage V diesel

Drive

- 4WD Electric AC (standard)

Axle

- Active oscillation (standard)

Tyre Options

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

Productivity Options

- Lift Guard™ Half mesh platform panels⁽¹⁾
- 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
- Hostile environment kit: cylinder bellows, boom wiper seals platform and ground control box covers⁽¹⁾
- Chassis tilt lift function cut-out (software setting)
- Panel cradle package⁽¹⁾
- Lockable platform control box covers
- Tow package⁽¹⁾
- Operator Protective Structure⁽²⁾
- Lift Guard™ Fall Arrest Bar⁽²⁾

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⁾ Aftermarket only

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