

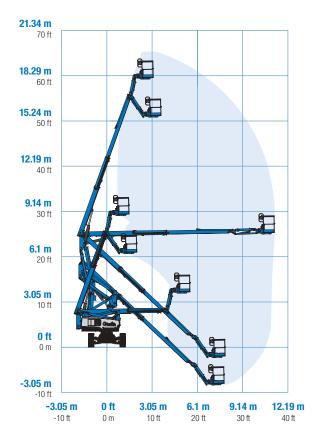
Self-Propelled Articulating Booms

Z°-60 DC & Z-60 FE

Specifications

Model	Z-60 DC & Z-60	FF	
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	
⚠ Platform width - 8 ft / 6 ft model	2.44 m /1.83 m	8 ft / 6 ft	
▲ Height - stowed	2.54 m	8 ft 4 in	
Height - transport (jib tucked under)	2.62 m	8 ft 7 in	
▲ Length - stowed	8.15 m	26 ft 9 in	
Length - transport (jib tucked under)	6.30 m	20 ft 8 in	
▲Width	2.49 m	8 ft 2 in	
▲Wheelbase	2.49 m	8 ft 2 in	
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 (Al	415 Ah capacity (AGM standard on FE)	
	24.8 hp (18.5kW) K	ubota 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		70 dBA (DC) / 77 dBA (FE)	
	70 dBA (DC) / 7	77 dBA (FE)	
Sound & Vibration Levels Sound pressure level (ground workstation) Sound pressure level (platform workstation)	70 dBA (DC) / 7		

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.

Standards Compliance

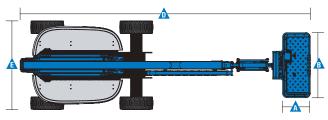
Z-60 DC

Z-60 FE

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)

16,600 lbs

17,100 lbs



7,530 kg

7,756 kg





Self-Propelled Articulating Booms

Z°-60 DC & Z-60 FE

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
- 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

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

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

Engine (FE only)

• 18.5 kW (24.8 hp) Kubota Stage V diesel

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

- 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







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