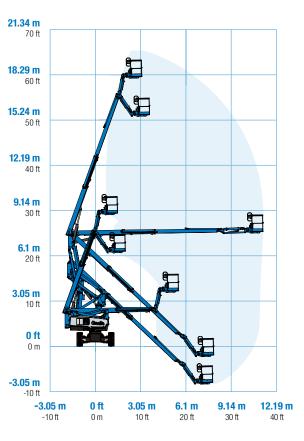


# Self-Propelled Articulating Booms Z<sup>™</sup>-60/37FE

## Specifications

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		
A Platform width	2.44 m	8 ft		
A 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		
A Width	2.49 m	8 ft 2 in		
A Wheelbase	2.49 m	8 ft 2 in		
🛕 Ground clearance - center	0.33 m	1 ft 1 in		

Range Of Motion Z-60/37FE



### Lift capacity

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			

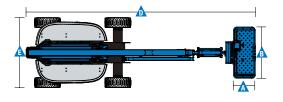
#### Power

34 V 3-Phase AC			
48 V DC (eight 6 V batteries)			
390 Ah capacity			
24.8 hp (18.5 kW) Kubota D1105 T4f driven			
AC generator			
12 V DC	12 V DC		
68.4 L	18 gal		
64.4 L	17 gal		
	48 V DC (eight 390 Ah c 24.8 hp (18.5 kW) Kub AC gen 12 V DC 68.4 L	48 V DC (eight 6 V batteries) 390 Ah capacity 24.8 hp (18.5 kW) Kubota D1105 T4f driven AC generator 12 V DC 68.4 L 18 gal	

#### Sound & Vibration Levels

Sound pressure level (ground workstation)	77 dBA		
Sound pressure level (platform workstation)	72 dBA		
Vibration	0.55 m/s <sup>2</sup> (1.81 ft/s <sup>2</sup> )		
Weight****			
Z-60/37FE	7,686 kg	16,944 lbs	
Standards Compliance	AS 14	18.10	

\* 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.







# Self-Propelled Articulating Booms Z<sup>\*-60/37FE</sup>

## 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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Effective Date: July, 2015. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we marken o other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or their subsidiaries in the USA and many other countries. Genie is a registered trademark of Terex South Dakota, Inc. © 2015 Terex Corporation.

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