

Self-Propelled Articulating Booms

Z°-80/60

Specifications

Model	Z-80/60	
Measurements	Metric	US
Working height maximum*	25.77 m	84 ft
Platform height maximum	23.77 m	78 ft
Horizontal reach maximum	18.29 m	60 ft
Up and over clearance maximum	8.83 m	29 ft
Below ground reach	4.83 m	15 ft 10 in
A Platform length - 8 ft / 6 ft	0.91 m/0.76 m	3 ft/2 ft 6 in
Platform width - 8 ft / 6 ft	2.44 m/1.83 m	8 ft/6 ft
Height - stowed	3.00 m	9 ft 10 in
Length - stowed	11.27 m	37 ft
Length - transport	11.27 m	37 ft
▲Width	2.49 m	8 ft 2 in
Wheelbase	2.85 m	9 ft 4 in
Ground clearance - center	0.30 m	12 in

Productivity

Troductivity			
Lift capacity	227 kg	500 lbs	
Platform rotation	160°	160°	
Vertical jib rotation	135°	135°	
Turntable rotation	360° continuous		
Turntable tailswing - riser up	1.17 m	3 ft 10 in	
Turntable tailswing - riser down	2.24 m	7 ft 4 in	
Drive speed - stowed	4.83 km/h	3.0 mph	
Drive speed - raised**	1.1 km/h	0.68 mph	
Lift speed to full height	76 sec	76 sec	
Gradeability - 4WD - stowed***	45%	45%	
Turning radius - 2WS inside	4.42 m	14 ft 6 in	
Turning radius - 2WS outside	7.47 m	24 ft 6 in	
Turning radius - 4WS inside	2.13 m	7 ft	
Turning radius - 4WS outside	4.57 m	15 ft	
Controls	12 V DC proportional		
Tyres	18-625 NHS		

Power

Power source	Deutz TD2011 L04i turbo diesel 4-cylinder 74hp (55kW) Stage IIIA Deutz TCD2.2 L3 turbo diesel 3-cylinder 74hp (55 kW) Stage V		
Auxiliary power unit	12 V DC	12 V DC	
Hydraulic tank capacity	170 L	45 gal	
Fuel tank capacity	132 L	35 gal	

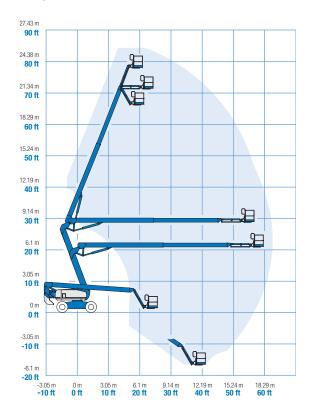
Sound & Vibration Levels

Sound pressure level (ground workstation)	85 dBA	85 dBA
Sound pressure level (platform workstation)	74 dBA	74 dBA
Vibration	<2.5 m/s ²	<8 ft 2 in/s ²
Weight****		
CE 4WD/2WS	16,284 kg	35,900 lbs
CE 4WD/4WS	17,010 kg	37,500 lbs

Standards Compliance

EU Directives: 2006/42/EC - Machinery (harmonized standard EN280:2013+A1:2015); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)

Range Of Motion Z-80/60

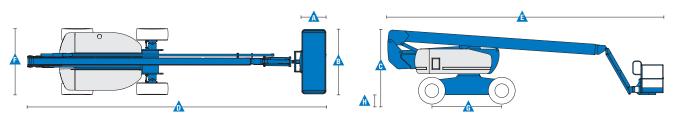


- * The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

 ** In lift mode (platform raised), the machine is designed to operate on
- firm, level surfaces only.

 *** Gradeability applies to driving on slopes. See operator's manual for

- details regarding slope ratings.
 Weight will vary depending on options and/or country standards.





Self-Propelled Articulating Booms

Z®-80/60

Features

Standard Features

Measurements

- 25.77 m (84 ft) working height
- 18.29 m (60 ft) horizontal reach
- 8.83 m (29 ft) up and over clearance
- Up to 227 kg (500 lbs) lift capacity

Productivity

- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Telematics-Ready Connector
- Thumb rocker steering
- On board diagnostics
- Hydraulic oil cooler
- Drive enable
- · Chassis tilt drive function cut-out
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent & travel alarms
- Flashing beacon
- 360° continuous turntable rotation
- Locking turntable covers
- Full-time positive traction drive
- Two speed wheel motors
- Four steering modes: front, rear, crab and coordinated
- Configurable controls to limit lift height to 70 ft
- Lift Guard[™] Contact Alarm
- Lift Connect[™] Telematics
- Lift Tool[™] Work Tray

Power

- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Engine monitoring display
- Dual battery
- Engine status display
- Intake air heater (Deutz engine)

Axle

Active oscillation

Easily Configured To Meet Your Needs

Platform Options

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

Jib

 Articulating 1.83 m (6 ft) jib boom with 135° range

Engine Options

- Deutz TD2011 L04i turbo diesel 4-cylinder 74hp (55kW) Stage IIIA
- Deutz TCD2.2 L3 turbo diesel 3-cylinder 74hp (55 kW) Stage V

Drive/Steer Options

- 4 x 4 x 2 (standard)
- 4 x 4 x 4

Axle

• Active Oscillation (standard)

Tyre Options

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



Options & Accessories

Productivity Options

- Lift Guard[™] Half and Full mesh platform⁽¹⁾
- Platform auxiliary top rail
- Air line to platform⁽¹⁾
- 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 kit^(1,4): platform foam padding and platform disable system
- Hostile environment kit⁽¹⁾: cylinder bellows, boom wiper seals, platform and ground control box covers
- Deluxe hostile environment kit⁽¹⁾: adds to basic kit center turntable shield, ring gear guard, tail pipe guard, engine cover flaps and air pre-cleaner)
- Track & Trace⁽²⁾ (GPS unit providing machine location & operating information)
- Chassis tilt lift function cut-out (software setting)
- Lockable platform control box covers
- Operator Protective Structure(3)
- Tool Tray⁽³⁾
- Genie® Tech Pro[™] Link Hand-held Diagnostics Device

Power Options

- AC generator packages (110V/60Hz -220V/50Hz, 3000W)
- Diesel air intake pre-cleaner⁽¹⁾
- Diesel catalytic scrubber muffler⁽¹⁾ (Stage IIIA engine only)
- Low temperature cut-out module
- EMEAR Cold Start kit: Inc. Engine heater & battery charger
- Cold weather packages⁽¹⁾
- Positive air shutdown system

(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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