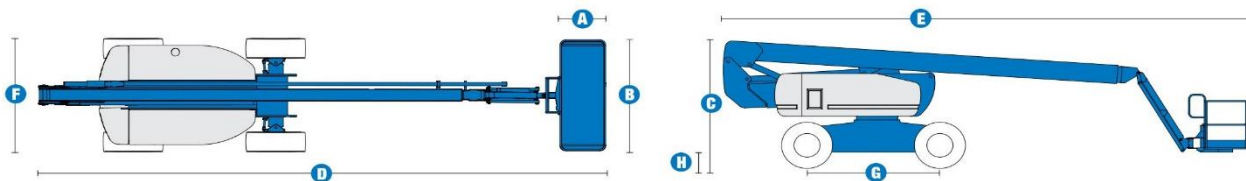


SELF-PROPELLED ARTICULATING BOOMS
Z™-80/60



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	0.91 m	3 ft
B Platform width	2.44 m	8 ft
C Height - stowed	3.00 m	9 ft 10 in
D Length - stowed	11.27 m	37 ft
E Length - transport	11.27 m	37 ft
F Width	2.49 m	8 ft 2 in
G Wheelbase	2.85 m	9 ft 4 in
H Ground clearance - centre	0.30 m	12 in

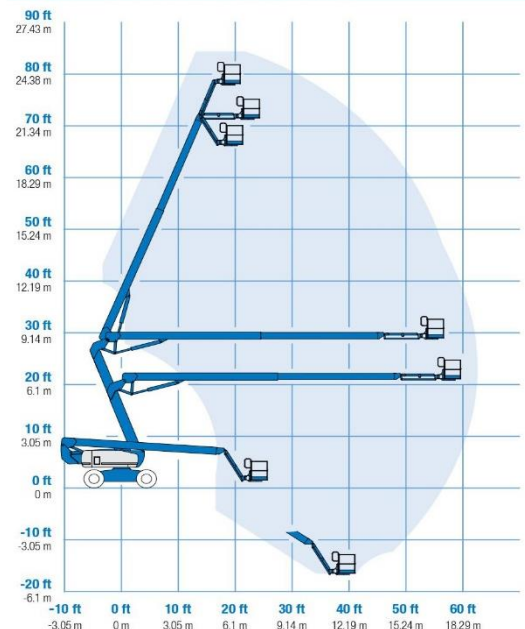
PRODUCTIVITY		
Lift capacity	227 kg	500 lbs
Platform rotation	160°	160°
Vertical jib rotation	135°	135°
Turntable rotation	360° continuous	
Turntable tailswing - riser up	1.17 m	3 ft 10 in
Turntable tailswing - riser down	2.24 m	7 ft 4 in
Drive speed - stowed	4.83 km/h	3.0 mph
Drive speed - raised**	1.1 km/h	0.68 mph
Lift speed to full height	76 sec	76 sec
Gradeability - 4WD - stowed***	45%	45%
Turning radius - 4WS inside	2.13 m	7 ft
Turning radius - 4WS outside	4.57 m	15 ft
Controls	12V DC proportional	
Tyres - RT Lug - Foam filled	445 / 500 710	

POWER		
Power source	Deutz TD 2011 L04i 4 cylinder diesel 58 kW (78 hp)	
Auxiliary power unit	12V DC	12V DC
Hydraulic tank capacity	170L	45 gal
Fuel tank capacity - diesel machines	132L	35 gal

WEIGHT****		
	17,010 kg	37,500 lbs

STANDARDS COMPLIANCE ANSI A92.5, CSA B354.4, CE Compliance, AS 1418.10

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
- 18.28 m (60 ft) horizontal reach
- 8.83 m (29 ft) up and over clearance
- Up to 227 kg (500 lbs) lift capacity

PRODUCTIVITY

- 2.44 m (8 ft) steel platform
- 4WD
- 4WS
- Full-time active oscillating axle
- Rough terrain foam-filled
- 1.83 m (6 ft) jib with 135° range
- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional Hall effect controls
- On-board diagnostics
- ALC 1000 electronic control system
- Hydraulic oil cooler
- Drive enable
- Horn
- Hour meter
- Tilt alarm
- 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 21.34 m (70 ft)
- Thumb rocker steer
- Alarm package
- Dual flashing beacons

POWER

- 12V DC auxiliary power
- Deutz diesel 58 kW (78 hp)
- Anti-restart engine protection
- Auto engine fault shutdown
- Engine monitoring display
- Dual battery
- Engine status display

OPTIONS & ACCESSORIES

PRODUCTIVITY

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Basic hostile environment kit
- Deluxe hostile environment kit
- Deluxe aircraft protection package (6 ft platform only)
- Tool tray
- Fluorescent tube caddy
- Platform work lights
- Front driving lights
- Lockable platform control box covers
- 1.83 m (6 ft) steel platform
- High flotation rough terrain tyres
- Rough terrain non-marking foam-filled tyres

POWER OPTIONS

- 240 V power to platform
- 7 kVA hydraulic generator (240 V/50 Hz)
- Cold Weather Packages
- Retained key selector switch

