

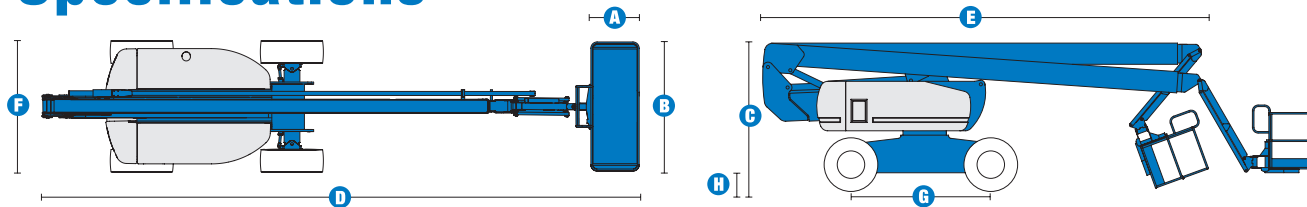


SELF-PROPELLED ARTICULATING BOOMS

Z™-80/60



Specifications



MODEL	Z™-80/60	
MEASUREMENTS	US	Metric
Working height maximum*	86 ft	26.38 m
Platform height maximum	80 ft	24.38 m
Horizontal reach maximum	60 ft	18.28 m
Up and over clearance maximum	29 ft	8.83 m
Below ground reach	15 ft 10 in	4.83 m
A Platform length - 8 ft / 6 ft	3 ft / 2 ft 6 in	.91 m / .76 m
B Platform width - 8 ft / 6 ft	8 ft / 6 ft	2.44 m / 1.83 m
C Height - stowed	9 ft 10 in	3.00 m
D Length - stowed	37 ft	11.27 m
E Length - transport	30 ft	9.14 m
F Width	8 ft 2 in	2.49 m
G Wheelbase	9 ft	2.74 m
H Ground clearance - center	12 in	.30 m

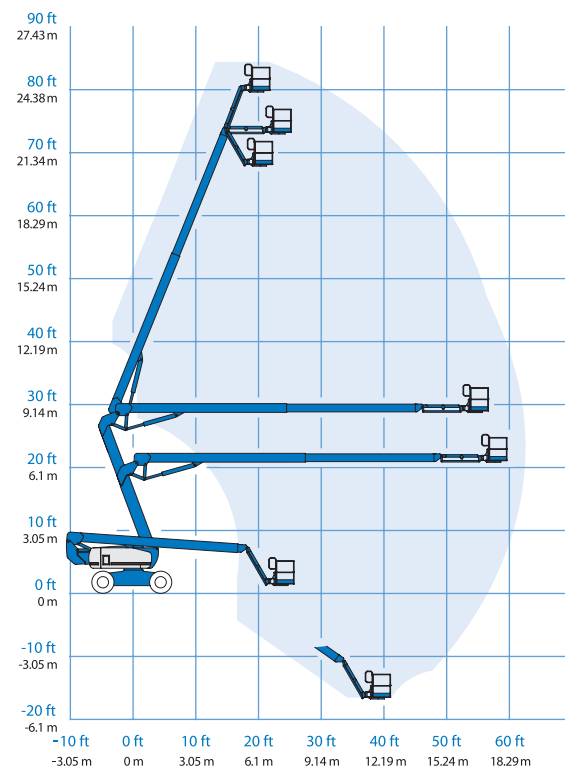
PRODUCTIVITY		
Lift capacity	500 lbs	227 kg
Platform rotation	160°	
Vertical jib rotation	135°	
Turntable rotation	360° continuous	
Turntable tailswing - riser up	3 ft 10 in	1.17 m
Turntable tailswing - riser down	7 ft 4 in	2.24 m
Drive speed - stowed	3.0 mph	4.82 km/h
Drive speed - raised**	0.68 mph	1.1 km/h
Lift speed to full height	76 sec	
Gradeability - 2WD - stowed***	30%	
Gradeability - 4WD - stowed***	45%	
Turning radius - 2WS inside	14 ft 6 in	4.42 m
Turning radius - 2WS outside	24 ft 6 in	7.46 m
Turning radius - 4WS inside	7 ft	2.13 m
Turning radius - 4WS outside	15 ft	4.57 m
Controls	12 V DC proportional	
Tires	18-625 NHS	

POWER		
Power source	Deutz BF4L 2011 4 cylinder diesel 79 hp (59 kW) Perkins 804C-33 4 cylinder diesel 63 hp (50 kW) Continental TME27 4 cylinder gas/LPG 74 hp (55 kW)	
Auxiliary power unit	12 V DC	
Hydraulic tank capacity	45 gal	170 L
Fuel tank capacity	35 gal	132 L

WEIGHT****		
2WS	35,900 lbs	16,284 kg
4WS	37,500 lbs	17,010 kg

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

EASILY CONFIGURED TO MEET YOUR NEEDS**PLATFORM OPTIONS**

- Steel 8 ft (2.44 m) (standard)
- Steel 6 ft (1.83 m)
- Steel 6 or 8 ft (1.83 or 2.44 m) tri-entry

JIB

- 6 ft (1.83 m) jib boom

POWER OPTIONS

- Deutz diesel 79 hp (59 kW)
- Perkins diesel 63 hp (50 kW)
- Continental gas/LPG 74 hp (55 kW)

DRIVE/STEER OPTIONS

- 2WD (standard)
- 4WD
- 2WS (standard)
- 4WS

AXLE

- Active oscillation

TIRE OPTIONS

- Rough terrain foam-filled (standard)
- Rough terrain non-marking foam-filled
- High flotation rough terrain

STANDARD FEATURES**MEASUREMENTS:**

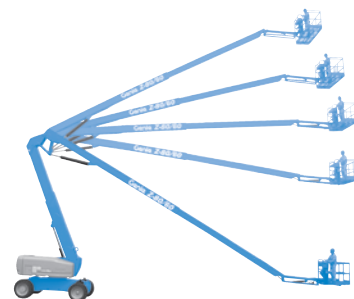
- 86 ft (26.38 m) working height
- 60 ft (18.28 m) horizontal reach
- 29 ft (8.83 m) up and over clearance
- Up to 500 lb (227 kg) lift capacity

PRODUCTIVITY

- 6 ft (1.83 m) 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
- AC power cord to platform
- 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 70 ft

POWER

- All engines are emissions compliant
- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Engine monitoring display
- Intake air heater (Deutz engine)
- Block heater (Continental engine)
- Dual battery

**OPTIONS & ACCESSORIES****PRODUCTIVITY**

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Arc Pro 275™ Heavy-Duty Welder package
- Welder Ready package
- Weld leads to platform
- Air line to platform
- Arctic hydraulic oil
- Arctic hose package
- Basic hostile environment kit
- Deluxe hostile environment kit
- Thumb rocker steer
- Deluxe aircraft protection package (6 ft platform only)
- Tool tray
- Fluorescent tube caddy
- Pipe cradles (pair)
- Alarm package
- Panel cradle package*
- Platform work lights
- Front driving lights
- Lockable platform control box covers

*Available on select models

POWER

- AC Generator Packages (3000 or 3500 watts)
- Cold Start Packages
- Diesel scrubber/spark arrestor
- Diesel spark arrestor muffler
- LPG tank only, steel, 33.5 lb (15.19 kg) capacity
- Additional LPG tank with carrier

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Z80 3.5K 1106F. Part No. 109365

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