

# Self-Propelled Articulating Booms

Z<sup>®</sup>-45 XC™

## Specifications

Models	Z-45 XC	
Measurements	US	Metric
Working height maximum*	51 ft 6 in	15.86 m
Platform height maximum	45 ft 6 in	13.86 m
Horizontal reach maximum	24 ft 9 in	7.55 m
Up and over clearance maximum	24 ft 5 in	7.44 m
<b>A</b> Platform length	2 ft 6 in	0.76 m
<b>B</b> Platform width	6 ft	1.83 m
<b>C</b> Height - stowed	7 ft 4 in	2.25 m
<b>D</b> Length - stowed	21 ft 10 in	6.65 m
<b>E</b> Width	7 ft 6 in	2.29 m
<b>F</b> Wheelbase	6 ft 8 in	2.03 m
<b>G</b> Ground clearance - center	14.8 in	0.37 m

## Productivity

Maximum lift capacity - unrestricted	660 lb	300 kg
- restricted	1,000 lb	454 kg
Platform rotation	160°	
Vertical Jib rotation	133°	
Turntable rotation	355° non-continuous	
Turntable tailswing	zero	
Drive speed - stowed	4.5 mph	7.24 km/h
Drive speed - raised **	0.61 mph	0.98 km/h
Gradeability - 4WD - stowed***	45%	
Turning radius - inside	5 ft 6 in	1.68 m
Turning radius - outside	14 ft 9 in	4.50 m
Controls	12 V DC proportional	
Tires	315/55 D20	

## Power

Power source	49 hp (36.5 kW) Deutz D2.9L4 diesel T4f 60 hp (44.7 kW) Ford MSG425 Gas/LPG Dual Fuel 48 hp (35.8 kW) Perkins 404F-E22T diesel T4f	
Auxiliary power unit	12 V DC	
Hydraulic tank capacity	22 gal	83 L
Fuel tank capacity	17 gal	64.4 L

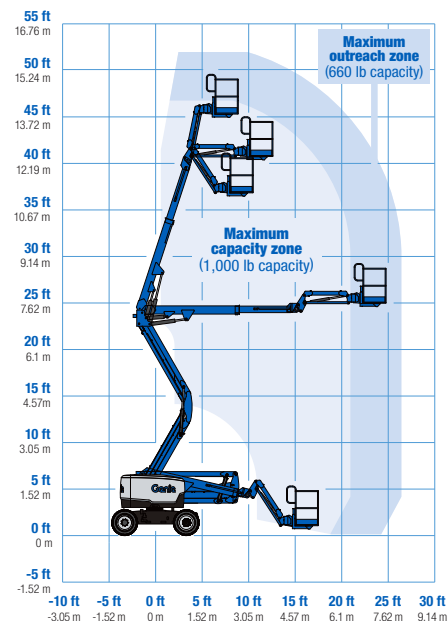
## Weight\*\*\*\*

4WD	16,360 lb	7,421 kg
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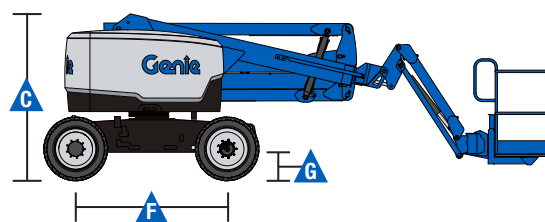
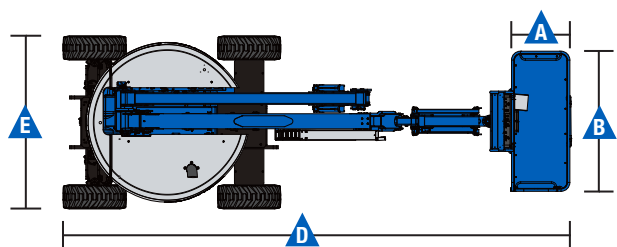
## Standards Compliance

ANSI A92.2, CSA B354.6

## Range Of Motion Z-45 XC



\* 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<sup>®</sup>-45 XC<sup>™</sup>

## Features

### Standard Features

#### Measurements

##### Z-45 XC

- 51 ft 6 in (15.86 m) working height
- 24 ft 9 in (7.55 m) horizontal reach
- 24 ft 5 in (7.44 m) up and over clearance
- 660 lb (300 kg) unrestricted and 1,000 lb (454 kg) restricted lift capacity

#### Productivity

- 5 ft (1.52 m) jib boom
- 4WD
- Active oscillation
- Self-leveling platform
- 160° Hydraulic platform rotation
- Proportional joystick controls
- Drive enable
- AC power cord to platform
- Alarm package: Flashing beacon and travel alarm
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Flashing beacons and travel alarm
- 355° non-continuous turntable rotation
- Positive traction drive
- Two speed wheel motors
- Work tray
- Platform entry toeboard
- Lift Guard<sup>™</sup> Contact Alarm
- Dual parallelogram for vertical wall tracking
- Load Sense

#### Power

- 12 V DC auxiliary power
- Swing out engine tray
- Intake air heater (Deutz engine only)

### Easily Configured To Meet Your Needs

#### Platform Options

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

#### Engine Options

- 49 hp (36.5 kW) Deutz T4f diesel (standard)
- 60 hp (44.7 kW) Ford MSG425 Gas/LP Dual Fuel
- 48 hp (35.8 kW) Perkins 404F-E22T T4f diesel

#### Tire Options

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



### Options & Accessories

#### Productivity

- Lift Power<sup>™</sup>
  - 3 kW AC Generator
  - 12 kW 240 V / 60 Hz Welder Ready package
  - 12 kW Welder Equipped, Select Lincoln or Miller (12 kW options include a fire extinguisher and fireproof sleeves)
- Lift Guard Platform Mesh - Half
- Lift Guard Platform Mesh - Full
- Platform top auxiliary rail
- Air line to platform
- Thumb rocker steer
- Specialty hydraulic oil (Cold weather, fire resistant or biodegradable)
- Aircraft protection package\*
- Hostile environment kit
- Panel cradle package
- Light package
- Lockable platform control box cover
- Tow package
- Operator Protective Structure\*\*
- Fall Arrest Bar
- Florescent tube caddy\*\*
- Pipe cradle (pair)\*\*
- Lift Tools Expo Installer\*\*

#### Power

- Engine gauge package (Ford engine only)
- Cold Weather Packages
- LPG tank 33.5 lb (15.19 kg) capacity
- Positive air shut off system (Deutz engine only)

\* Reduces platform capacity to 600 lb (max outreach zone) and 940 lb (max capacity zone)

\*\* Available through aftermarket parts only