

# Genie® Z<sup>®</sup>-45 XC™

## Specifications

| Models                             | Z-45 XC     |               |
|------------------------------------|-------------|---------------|
| <b>Measurements</b>                | <b>US</b>   | <b>Metric</b> |
| Working height max. <sup>(1)</sup> | 51 ft 6 in  | 15.86 m       |
| Platform height max.               | 45 ft 6 in  | 13.86 m       |
| Horizontal reach max.              | 24 ft 9 in  | 7.55 m        |
| Up and over clearance max.         | 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 (tires)   | 7 ft 4 in   | 2.25 m        |
| <b>D</b> Length - stowed (tires)   | 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

|   |                        |                 |
|---|------------------------|-----------------|
| Lift capacity max. - unrestricted                   | 660 lb                 | 300 kg          |
| Lift capacity max. - restricted                     | 1,000 lb               | 454 kg          |
| Platform rotation                                   | 160°                   |                 |
| Jib length  | 5 ft                   | 1.52 m          |
| Vertical jib rotation                               | 133°                   |                 |
| Turntable rotation                                  | 355°                   |                 |
| Turntable tailswing                                 | 0 in                   | 0 cm            |
| Drive speed - stowed <sup>(2)</sup>                 | 4.5 mph                | 7.24 km/h       |
| Drive speed - raised                                | 0.61 mph               | 0.98 km/h       |
| Gradeability - stowed <sup>(2)</sup>                | 45%                    |                 |
| Tilt sensor activation (front to back/side to side) | 4.5° / 4.5°            |                 |
| Turning radius - inside/outside                     | 5 ft 6 in / 14 ft 9 in | 1.68 m / 4.50 m |
| Tires (foam-filled)                                 | 315/55 D20             |                 |

## Power

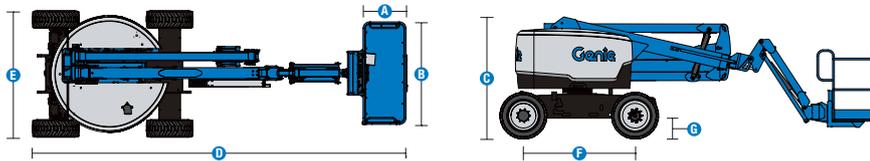
|                         |        |      |
|-------------------------|--------|------|
| Power                   | Diesel |      |
| Auxiliary power unit    | 12V DC |      |
| Hydraulic tank capacity | 22 gal | 83 L |
| Fuel tank capacity      | 17 gal | 64 L |

## Weight<sup>(3)</sup> and Floor Loading<sup>(4)</sup>

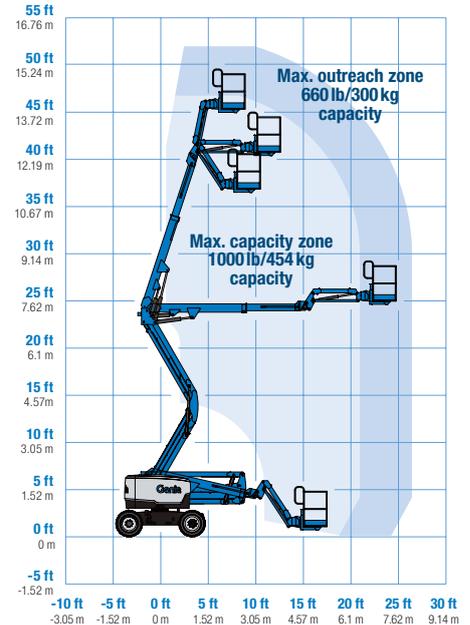
|                                 |           |           |
|---------------------------------|-----------|-----------|
| Weight (tires)                  | 16,360 lb | 7,421 kg  |
| Tire contact pressure           | 80 psi    | 552 kPa   |
| Occupied floor pressure (tires) | 231 psf   | 11.08 kPa |

## Sound and Vibration Levels

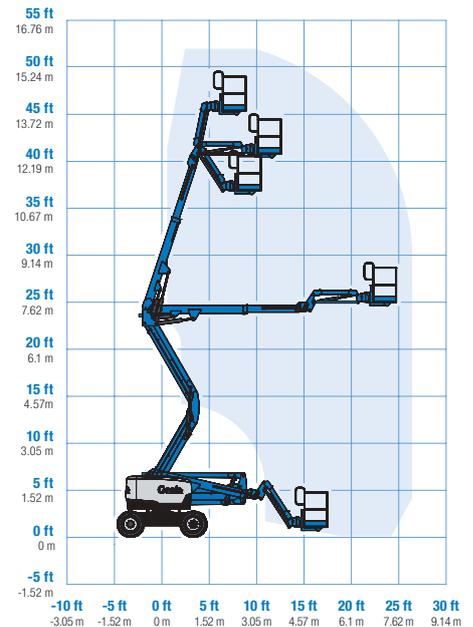
|   |                          |                      |
|---|--------------------------|----------------------|
| Sound Pressure level (ground workstation)   | 87 dBA                   |                      |
| Sound Pressure level (platform workstation) | 82 dBA                   |                      |
| Vibrations                                  | 8 ft 2 in/s <sup>2</sup> | 2.5 m/s <sup>2</sup> |



## Range of motion Z-45 XC



## Range of motion Z-45 HF



(1) The metric equivalent of working height adds 2 m to platform height. The imperial equivalent adds 6 ft to platform height.  
 (2) Gradeability applies to driving on slopes and may vary depending on options and machine configurations. See operator's manual for details regarding slope ratings.  
 (3) Weight refers to standard configuration and may vary depending on options and/or country standards.  
 (4) Floor loading information is approximate and may vary depending on options and machine configurations. It should be used only with adequate safety factors.

# Genie® Z<sup>®</sup>-45 XC™

## SKU: Standard Model

- **Z45XC001CI0034:** Z-45 XC, Stage IIIA, 220V, 4WD
- **Z45XC001CV0002:** Z-45 XC, 110V, 4WD
- **Z45XC001CV0003:** Z-45 XC, 220V, 4WD

\* Build to Order

## SKU: Standard Model

- **Z45XC001CV00032:** Z-45 XC, 220V, Control box covers, 4WD
- **Z45XC001CV0004:** Z-45 XC, 110V, Lift Power 3kW 4WD
- **Z45XC001CV00033:** Z-45 XC, 220V, Lift Power 3kW 4WD

| Option availability  |   | S  | S+ | BtO |
|--|---|--|----|-----|
| Power  | 48 hp, 35.8 kW, Deutz D2011, Diesel, T4i/Stage IIIA |  |    | ○   |
|  | 49 hp, 36 kW, Deutz TD2.2L, Turbo Diesel, Stage V   | ✓  | ✓  | ✓   |
|  | Cold weather package                                |  | ○  | ○   |
|  | Cold weather package                                |  | ○  | ○   |
|  | Diesel catalytic scrubber muffler (T4i/Stage IIIA)  |  |    | ○   |
|  | Engine gauge package                                | ✓  | ✓  | ✓   |
|  | Positive air shutdown system                        |  |    | ○   |
|  | Anti-restart engine protection                      | ✓  | ✓  | ✓   |
|  | Auto engine fault shutdown                          | ✓  | ✓  | ✓   |
|  | Platform  | 6ft/1.83m dual-entry platform with side swing gate | ✓  | ✓   |
| Power to platform, no RCBO   |   | ✓  | ✓  | ✓   |
| Power to platform with RCBO  |   |  | ○  | ○   |
| Air line to platform   |   |  |    | ○   |
| Control box covers   |   |  | ○  | ○   |
| Lift Guard Full Mesh panels  |   |  |    | ○   |
| Lift Guard Half Mesh panels  |   |  |    | ○   |
| Light Package: drive and work lights                                       |   |  |    | ○   |
| Platform auxiliary top rail  |   |  |    | ○   |
| Platform level cutout  |   |  | ○  | ○   |
| Lift Power 3kW AC Generator, 110V/50Hz                                     |   |  |    | ○   |
| Lift Power 3kW AC Generator, 220V/50Hz                                     |   |  |    | ○   |
| 660lb/300kg & 1000lb/454kg dual load with auto envelope control (XC model) |   | ✓  | ✓  | ✓   |
| AC Power cord to platform  |   | ✓  | ✓  | ✓   |
| Drive enable system  |   | ✓  | ✓  | ✓   |
| Horn   |   | ✓  | ✓  | ✓   |
| Lift Guard Contact Alarm   |   | ✓  | ✓  | ✓   |
| Lift Tools Work Tray   |   | ✓  | ✓  | ✓   |
| Platform load sense system   |   | ✓  | ✓  | ✓   |
| Proportional controls  |   | ✓  | ✓  | ✓   |
| Self-leveling platform   | ✓   | ✓  | ✓  |     |
| Thumb rocker steering  | ✓   | ✓  | ✓  |     |
| Travel alarm package: flashing beacons, descent, travel and tilt alarms    | ✓   | ✓  | ✓  |     |
| Chassis  | Lift Connect Telematics                             | ✓  | ✓  | ✓   |
|  | Lift Connect with Access Manager upgrade            |  | ○  | ○   |
|  | Eco32 biodegradable hydraulic oil                   |  |    | ○   |
|  | Rough terrain, foam-filled tires                    | ✓  | ✓  | ○   |
|  | Rough terrain, foam-filled, non-marking tires       |  |    | ○   |
|  | Chassis tilt lift function cut-out                  |  | ○  | ○   |
|  | 2 speed wheel motors                                | ✓  | ✓  | ✓   |
|  | Active oscillating axle                             | ✓  | ✓  | ✓   |
|  | Chassis tilt drive function cut-out                 | ✓  | ✓  | ✓   |
|  | Dual parallelogram lift linkage                     | ✓  | ✓  | ✓   |
| Hour meter   | ✓   | ✓  | ✓  |     |
| Hydraulic oil cooler   | ✓   | ✓  | ✓  |     |

Positive air shutdown Stage V engines only  
 Engine gauge package standard on Stage IIIA engine

- S Standard
- S+ Standard +
- BtO Build to Order
- ✓ Standard Features
- Options



Xtra Capacity



Rugged Terrainability



Zero-Load Calibration



### Genie Genuine Accessories<sup>(1)</sup>

- Lift Tools Productivity Tools
- Lift Connect Telematics
- Tech Pro Link Handheld Device

(1) More accessories available from Genie Genuine Parts.

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