

# Genie® Z<sup>®</sup>-45/25J RT

## Specifications

| Models                             | Z-45/25J RT |         |
|------------------------------------|-------------|---------|
| Measurements                       | US          | Metric  |
| Working height max.(1)             | 51 ft 6 in  | 15.86 m |
| Platform height max.               | 45 ft 6 in  | 13.86 m |
| Horizontal reach max.              | 24 ft 8 in  | 7.52 m  |
| Up and over clearance max.         | 23 ft 7 in  | 7.14 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        | 2.13 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 | 1 ft 3 in   | 0.37 m  |

## Productivity

|                                                     |                        |                 |
|-----------------------------------------------------|------------------------|-----------------|
| Lift capacity max. - unrestricted                   | 500 lb                 | 227 kg          |
| Platform rotation                                   | 160°                   |                 |
| Jib length                                          | 5 ft                   | 1.52 m          |
| Vertical jib rotation                               | 135°                   |                 |
| Turntable rotation                                  | 355°                   |                 |
| Turntable tailswing                                 | 0 in                   | 0 cm            |
| Drive speed - stowed <sup>(2)</sup>                 | 3.1 mph                | 5 km/h          |
| Drive speed - raised                                | 0.68 mph               | 1.1 km/h        |
| Gradeability - stowed <sup>(2)</sup>                | 45 %                   |                 |
| Tilt sensor activation (front to back/side to side) | 2.5° - 4.5° / 4.5°     |                 |
| Turning radius - inside/outside                     | 5 ft 6 in / 14 ft 9 in | 1.68 m / 4.50 m |
| Tires (solid, non-marking)                          | 315/55 D20             |                 |

## Power

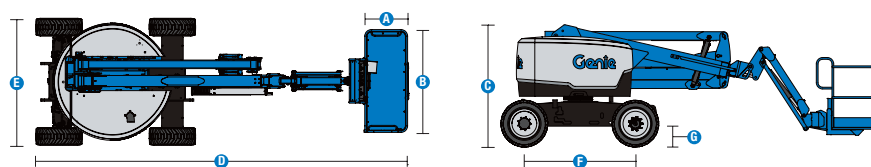
|                         |        |      |
|-------------------------|--------|------|
| Power                   | Diesel |      |
| Auxiliary power unit    | 12V DC |      |
| Hydraulic tank capacity | 22 gal | 83 L |
| Fuel tank capacity      | 17 gal | 64 L |

## Weight(3) and Floor Loading(4)

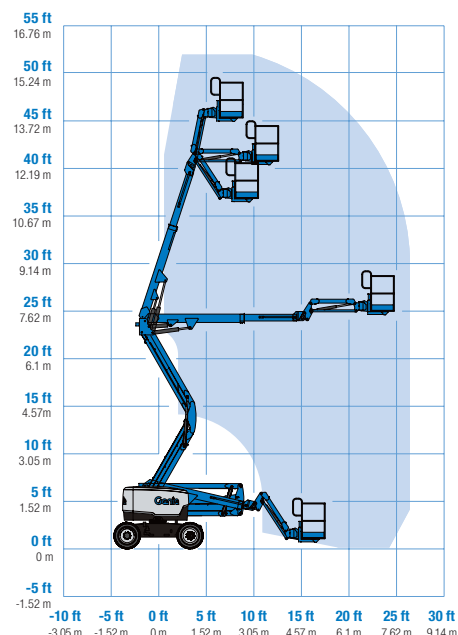
|                                 |           |          |
|---------------------------------|-----------|----------|
| Weight                          | 14,363 lb | 6,515 kg |
| Tire contact pressure           | 60 psi    | 414 kPa  |
| Occupied floor pressure (tires) | 190 psf   | 9.12 kPa |

## 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-45/25J RT



(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>-45/25J RT

## SKU: Standard Model

- **Z45RT001CG0028:** Z-45/25J RT, 220V, 4WD
- **Z45RT001CG0025:** Z-45/25J RT, 110V, 2.2kW AC Generator, 4WD

\* Build to Order

| Option availability |                                                                  | S | S+ | BtO |
|---------------------|------------------------------------------------------------------|---|----|-----|
| Power               | 24.7 hp, Perkins 403J-11, Diesel, T4i/T4f, Stage IIIA/IV, CN III | ✓ | ✓  | ✓   |
|                     | Cold weather package                                             |   | ○  | ○   |
| 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                                               |   | ○  | ○   |
|                     | Light Package: drive and work lights                             |   |    | ○   |
|                     | 2.2kW AC Generator, 110V/50Hz, with RCBO                         |   |    | ○   |
|                     | 2.2kW AC Generator, 220V/50Hz, with RCBO                         |   |    | ○   |
|                     | Alarm package: flashing beacons, descent, travel and tilt alarms | ✓ | ✓  | ✓   |
|                     | Drive enable system                                              | ✓ | ✓  | ✓   |
|                     | Horn                                                             | ✓ | ✓  | ✓   |
|                     | Lift Guard Contact Alarm                                         | ✓ | ✓  | ✓   |
|                     | Lift Guard Lanyard Alert                                         |   | ○  | ○   |
|                     | Lift Guard Lanyard Alert Advanced                                |   | ○  | ○   |
|                     | Lift Tools Work Tray                                             | ✓ | ✓  | ✓   |
|                     | Platform load sense system                                       | ✓ | ✓  | ✓   |
|                     | Proportional controls                                            | ✓ | ✓  | ✓   |
|                     | Self-leveling platform                                           | ✓ | ✓  | ✓   |
|                     | Thumb rocker steering                                            | ✓ | ✓  | ✓   |
| Chassis             | Lift Connect Telematics                                          |   | ○  | ○   |
|                     | Telematics-ready                                                 | ✓ | ✓  | ✓   |
|                     | Lift Connect with Access Manager upgrade                         |   | ○  | ○   |
|                     | Eco32 biodegradable hydraulic oil                                |   | ○  | ○   |
|                     | Rough terrain, foam-filled tires                                 | ✓ | ✓  | ✓   |
|                     | Rough terrain, foam-filled, non-marking tires                    |   |    | ○   |
|                     | Hostile environment kit                                          |   |    | ○   |
|                     | Hydraulic oil cooler                                             |   |    | ○   |
|                     | Active oscillating axle                                          | ✓ | ✓  | ✓   |
|                     | Chassis tilt lift and drive function cut-out                     | ✓ | ✓  | ✓   |
|                     | Dual parallelogram lift linkage                                  | ✓ | ✓  | ✓   |
|                     | Hour meter                                                       | ✓ | ✓  | ✓   |
|                     | Positive traction drive                                          | ✓ | ✓  | ✓   |
|                     | Zero tail swing                                                  | ✓ | ✓  | ✓   |

Engine make and model subject to availability

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



Rugged Terrainability



Zero Tailswing



Dual Parallel Linkage



## 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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