

# Genie® S®-85 XC™

## Specifications

| Models   | S-85 XC        |               |
|--|----------------|---------------|
| <b>Measurements</b>                                    | <b>US</b>      | <b>Metric</b> |
| Working height max. <sup>(1)</sup>                     | 91 ft          | 27.91 m       |
| Platform height max.                                   | 85 ft          | 25.91 m       |
| Horizontal reach max.                                  | 74 ft 6 in     | 22.71 m       |
| Below ground reach                                     | 8 ft 8 in      | 2.64 m        |
| <b>A</b> Platform length (8 ft/6 ft)                   | 3 ft/2 ft 6 in | 0.91 m/0.76 m |
| <b>B</b> Platform width (8 ft/6 ft)                    | 8 ft/6 ft      | 2.44 m/1.83 m |
| <b>C</b> Height - stowed                               | 9 ft 2 in      | 2.80 m        |
| <b>D</b> Length - stowed                               | 40 ft 7 in     | 12.37 m       |
| <b>D</b> Length - storage/transport (jib tucked under) | 33 ft 8 in     | 10.25 m       |
| <b>E</b> Width   | 8 ft 2 in      | 2.49 m        |
| <b>F</b> Wheelbase                                     | 9 ft 4 in      | 2.85 m        |
| <b>G</b> Ground clearance - center                     | 15.8 in        | 0.40 m        |
| <b>H</b> Height under counterweight                    | 3 ft 9 in      | 1.14 m        |

## Productivity

|  |                  |               |
|--|------------------|---------------|
| Lift capacity max. - unrestricted                      | 660 lb           | 300 kg        |
| Lift capacity max. - restricted                        | 1,000 lb         | 454 kg        |
| Number of Platform Occupants (restricted/unrestricted) | 3/2              |               |
| Platform rotation                                      | 160°             |               |
| Jib length   | 5 ft             | 1.52 m        |
| Vertical jib rotation (up/down)                        | 133°             |               |
| Turntable rotation                                     | 360°             |               |
| Turntable tailswing                                    | 5 ft 3 in        | 1.60 m        |
| Drive speed - stowed                                   | 3.0 mph          | 4.8 km/h      |
| Drive speed - raised                                   | 0.5 mph          | 0.2 m/s       |
| Gradeability - stowed <sup>(2)</sup>                   | 45%              |               |
| Tilt sensor activation (front to back/side to side)    | 7°/5°            |               |
| Turning radius - inside/outside                        | 12 ft/21 ft 6 in | 3.66 m/6.55 m |
| Tires  | 18-625           |               |

## Power

|                         |        |       |
|-------------------------|--------|-------|
| Power                   | Diesel |       |
| Hydraulic tank capacity | 40 gal | 150 L |
| Fuel tank capacity      | 35 gal | 132 L |

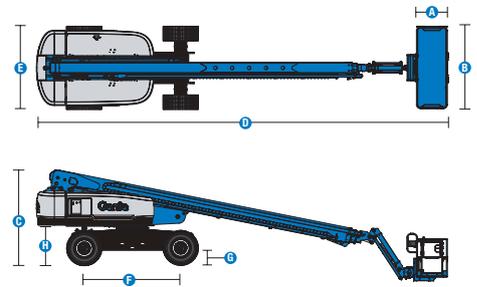
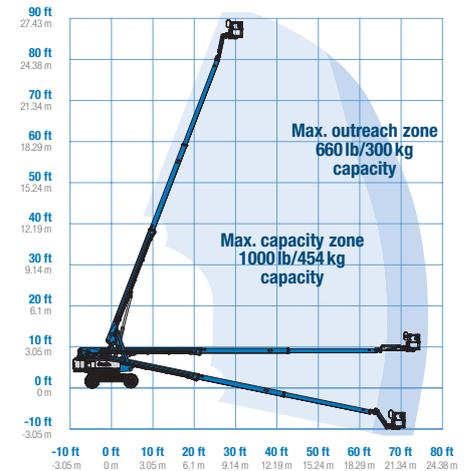
## Weight<sup>(3)</sup> and Floor Loading<sup>(4)</sup>

|                         |           |           |
|-------------------------|-----------|-----------|
| Weight                  | 39,500 lb | 17,917 kg |
| Tire contact pressure   | 130 psi   | 896 kPa   |
| Occupied floor pressure | 395 psf   | 18.9 kPa  |

## Sound and Vibration Levels

|   |                        |
|---|------------------------|
| Sound Pressure level (ground workstation)   | 85 dBA                 |
| Sound Pressure level (platform workstation) | 78 dBA                 |
| Vibrations                                  | < 2.5 m/s <sup>2</sup> |

## Range of motion S-85 XC



(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® S®-85 XC™

**SKU: Standard Model**

- **S85XC001CV0028:** S-85 XC, 220V, 4WD, Control box covers
- **S85XC001CI0004:** S-85 XC, Stage IIIA, 220V, Engine gauge, 4WD

\* Build to Order

**SKU: Standard Model**

- **S85XC001CV0031:** S-85 XC, 110V, 4WD
- **S85XC001CV0001:** S-85 XC, 220V, 4WD
- **S85XC001CI0030:** S-85 XC, 110V, Lift Power 3kW, 4WD
- **S85XC001CV0029:** S-85 XC, 220V, Lift Power 3kW, 4WD

| Option availability   |   | S  | S+ | BtO |
|---|---|--|----|-----|
| Power   | 74 hp, 55 kW, Deutz TD2011, Turbo Diesel, T4i/Stage IIIA/CN III |  |    | ○   |
|   | 74 hp, 55 kW, Deutz TCD2.2L, Turbo Diesel, Stage V              | ✓  | ✓  | ✓   |
|   | Cold weather package  |  | ○  | ○   |
|   | Diesel air intake pre-cleaner                                   |  |    | ○   |
|   | Diesel catalytic scrubber muffler (T4i/Stage IIIA/CN III)       |  |    | ○   |
|   | Positive air shutdown system                                    |  |    | ○   |
|   | Anti-restart engine protection                                  | ✓  | ✓  | ✓   |
|   | Auto engine fault shutdown                                      | ✓  | ✓  | ✓   |
|   | In cylinder glow plug (diesel only)                             | ✓  | ✓  | ✓   |
|   | Platform  | 6ft/1.83m dual-entry platform with side swing gate |    |     |
| 8ft/2.44m tri-entry platform with side swing gate                             |   | ✓  | ✓  | ✓   |
| Power to platform, no RCBO  |   | ✓  | ✓  | ✓   |
| Power to platform with RCBO   |   |  | ○  | ○   |
| Dual axis joystick steering   |   |  |    | ○   |
| Thumb rocker steering   |   | ✓  | ✓  | ✓   |
| 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   |   |  |    | ○   |
| Lift Power 3kW AC Generator, 110V/50Hz  |   |  |    | ○   |
| Lift Power 3kW AC Generator, 220V/50Hz  |   |  |    | ○   |
| 660lb/300kg & 1000lb/454kg dual load capacity with automatic envelope control |   | ✓  | ✓  | ✓   |
| Drive enable system   |   | ✓  | ✓  | ✓   |
| Horn  |   | ✓  | ✓  | ✓   |
| Lift Guard Contact Alarm  |   | ✓  | ✓  | ✓   |
| Lift Tools Work Tray  |   | ✓  | ✓  | ✓   |
| Platform load sense system  |   | ✓  | ✓  | ✓   |
| Proportional controls   | ✓   | ✓  | ✓  |     |
| Self-leveling platform  | ✓   | ✓  | ✓  |     |
| 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                   |  |    | ○   |
|   | Deluxe hostile environment kit                                  |  |    | ○   |
|   | Hostile environment kit   |  |    | ○   |
|   | Chassis tilt lift function cut-out                              |  | ○  | ○   |
|   | Tow package   |  |    | ○   |
|   | Active oscillating axle   | ✓  | ✓  | ✓   |
|   | Alarm package: includes flashing beacon and travel alarm        | ✓  | ✓  | ✓   |
|   | Descent, tilt and motion alarm                                  | ✓  | ✓  | ✓   |
|   | Dual battery system   | ✓  | ✓  | ✓   |
|   | Hour meter  | ✓  | ✓  | ✓   |
|   | Hydraulic oil cooler  | ✓  | ✓  | ✓   |
| Positive traction drive   | ✓   | ✓  | ✓  |     |
| Tech Pro Link connector   | ✓   | ✓  | ✓  |     |
| Wheel motors 2 speed  | ✓   | ✓  | ✓  |     |

Positive air shutdown system for Stage V only

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



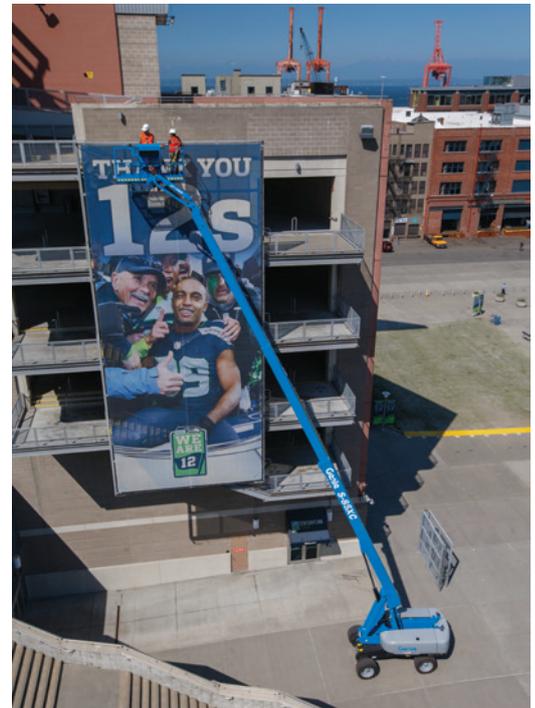
Xtra Capacity



Rugged Terrainability



Lift Power



**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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