

Genie® S®-85 XC™ FE & S-85 XC E

Specifications

| Models | S-85 XC FE & S-85 XC E |
|--|------------------------|
| Working height max.(1) | 27.91 m |
| Platform height max. | 25.91 m |
| Horizontal reach max. | 22.71 m |
| Below ground reach | 2.64 m |
| A Platform length (8 ft/6 ft) | 0.91 m/0.76 m |
| B Platform width (8 ft/6 ft) | 2.44 m/1.83 m |
| C Height - stowed | 2.84 m |
| D Length - stowed | 12.37 m |
| D Length - storage/transport (jib tucked under) | 10.51 m |
| E Width | 2.49 m |
| F Wheelbase | 3.05 m |
| G Ground clearance - center | 0.42 m |
| H Height under counterweight | 1.19 m |

Productivity

| | |
|--|---------------|
| Lift capacity max. - unrestricted | 300 kg |
| Lift capacity max. - restricted | 454 kg |
| Number of Platform Occupants (restricted/unrestricted) | 3/2 |
| Platform rotation | 160° |
| Jib length | 1.52 m |
| Vertical jib rotation (up/down) | 133° |
| Turntable rotation | 360° |
| Turntable tailswing | 1.75 m |
| Drive speed - stowed | 4.8 km/h |
| Drive speed - raised | 0.2 m/s |
| Gradeability - stowed ⁽²⁾ | 45% |
| Tilt sensor activation (front to back/side to side) | 7° / 5° |
| Turning radius - inside/outside | 3.50 m/6.78 m |
| Tires | 18-710 |

Power

| | |
|--|-----------------------|
| Drive System | 48V 3-Phase AC |
| Battery Pack, Electric (high capacity) | 48V DC (8×6V), Li-ion |
| Battery Pack, Hybrid (standard capacity) | 48V DC (8×6V), Li-ion |
| AC generator, Hybrid | Diesel |
| Auxiliary power unit, Hybrid | 48V DC (4×12V) |
| Hydraulic tank capacity | 106 L |
| Fuel tank capacity | 64 L |

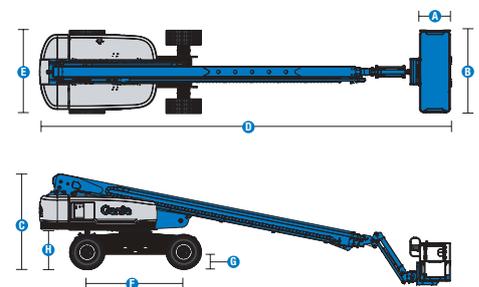
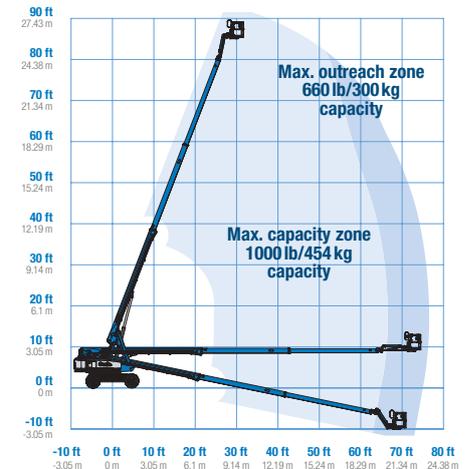
Weight(3) and Floor Loading(4)

| | |
|-------------------------|-----------|
| Weight, Electric | 17,648 kg |
| Weight, Hybrid | 17,958 kg |
| Tire contact pressure | 1365 kPa |
| Occupied floor pressure | 18.9 kPa |

Sound and Vibration Levels

| | |
|--|-----------------------|
| Sound Pressure level (ground workstation), Electric/Hybrid | < 70 dBA/83 dBA |
| Sound Pressure level (platform workstation), Electric/Hybrid | < 70 dBA/72 dBA |
| Vibrations | 0.35 m/s ² |

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™ FE & S-85 XC E

SKU: Standard Model

- **S85XCFE1CG0021:** S-85 XC FE, Hybrid, Std. Lithium Battery, 4WD, RT NM Tires
- **S85XCFE1CG0022:** S-85 XC FE, Hybrid, Std. Lithium Battery, 4WD, RT NM Tires, 3kW Inverter

SKU: Standard Model

- **S85XCE01CE0010:** S-85 XC E, Electric, XL Lithium Battery, 4WD, RT NM Tires
- **S85XCE01CE0011:** S-85 XC E, Electric, XL Lithium Battery, 4WD, RT NM Tires, 3kW Inverter

* Build to Order

| Option availability | | S | S+ | BtO |
|---|---|---|----|-----|
| Power | 24.8 hp, 18.5 kW, Kubota D1105, Diesel, T4i/T4f, Stage IIIA/IV, CN IV (Hybrid model only) | ✓ | ✓ | ✓ |
| | Lithium-Ion Maintenance-Free Battery | ✓ | ✓ | ✓ |
| | 48V solid state battery charger 1.2 kW (Standard on Hybrid) | ✓ | ✓ | ✓ |
| | 48V solid state battery charger 3.3 kW (Standard on Electric)* | ✓ | ✓ | ✓ |
| | EVSE: electric vehicle charging port | | | ○ |
| | Power inverter, 3kW, 110V/50Hz | | | ○ |
| | Power inverter, 3kW, 120V/60Hz | | | ○ |
| | Power inverter, 3kW, 220V/50Hz | | | ○ |
| | 3-phase AC drive system | ✓ | ✓ | ✓ |
| | 48V DC auxiliary power unit | ✓ | ✓ | ✓ |
| Charge Port | ✓ | ✓ | ✓ | |
| Low voltage interrupt (LVI) with battery charge indicator (BCI) | ✓ | ✓ | ✓ | |
| Platform | 6ft/1.83m dual-entry platform with side swing gate | | | ○ |
| | 8ft/2.44m tri-entry platform with side swing gate | ✓ | ✓ | |
| | Power to platform with RCBO | | | ○ |
| | Dual axis joystick steering | | | ○ |
| | Thumb rocker joystick 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 Guard White Noise Alarm | | | ○ |
| | 660lb/300kg & 1000lb/454kg dual load capacity with automatic envelope control | ✓ | ✓ | ✓ |
| | 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 | ✓ | ✓ | ✓ | |
| Chassis | Telematics-ready connector | ✓ | ✓ | ✓ |
| | Lift Connect Telematics | | ○ | ○ |
| | Lift Connect with Access Manager upgrade | | | ○ |
| | Biodegradable hydraulic oil | | | ○ |
| | Cold Start Package (Kubota) | | ○ | ○ |
| | Hostile environment kit | | | ○ |
| | Rough terrain, foam-filled, non-marking tires | ✓ | ✓ | ✓ |
| | Rough terrain, foam-filled tires | | ○ | ○ |
| | Active oscillating axle | ✓ | ✓ | ✓ |
| | Alarm package: includes flashing beacon and travel alarm | ✓ | ✓ | ✓ |
| | Chassis tilt drive function cut-out | ✓ | ✓ | ✓ |
| | Chassis tilt lift and drive function cut-out | ✓ | ✓ | ✓ |
| | Descent, tilt and motion alarm | ✓ | ✓ | ✓ |
| | Electric brake release | ✓ | ✓ | ✓ |
| Hour meter | ✓ | ✓ | ✓ | |
| On-board diagnostic system | ✓ | ✓ | ✓ | |
| Tech Pro Link connector | | ○ | ○ | |

*Optional on Hybrid when equipped with XC Battery

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



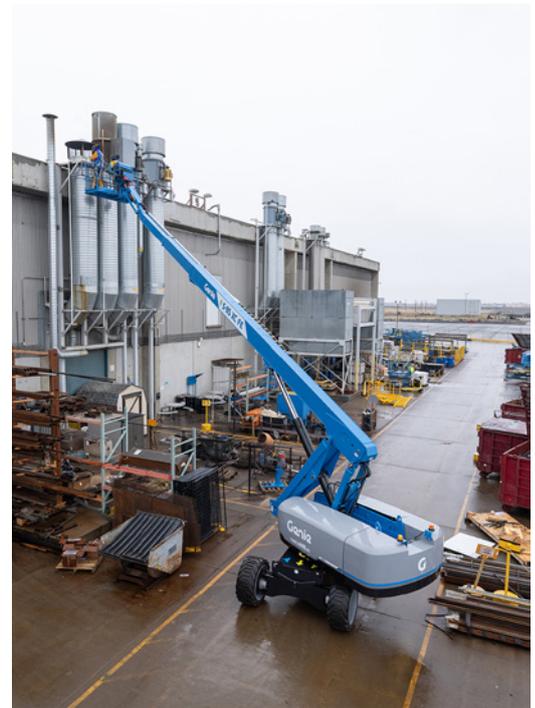
Xtra Capacity



Low Noise, Low Emissions



Power Inverter



Genie Genuine Accessories⁽¹⁾

- Lift Tools Productivity Tools
- Tech Pro Link Handheld Device

(1) More accessories available from Genie Genuine Parts.

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