

Genie® S®-40 XC™ & S-45 XC, S-40 TraX™ & S-45 TraX

Specifications

| Models | S-40 XC & S-40 TraX | | S-45 XC & S-45 TraX | |
|--|---------------------|---------------|---------------------|---------------|
| Measurements | US | Metric | US | Metric |
| Working height max. ⁽¹⁾ | 45 ft 6 in | 14,04 m | 50 ft 6 in | 15,56 m |
| Working height max.(TraX) ⁽¹⁾ | 45 ft 8 in | 14,09 m | 50 ft 8 in | 15,61 m |
| Platform height max. | 39 ft 6 in | 12,04 m | 44 ft 6 in | 13,56 m |
| Platform height max.(TraX) | 39 ft 8 in | 12,09 m | 44 ft 8 in | 13,61 m |
| Horizontal reach max. | 31 ft 1 in | 9,47 m | 36 ft 2 in | 11,02 m |
| Below ground reach | 1 ft | 0,30 m | 4 ft 2 in | 1,27 m |
| A Platform length (8 ft/6 ft) | 3 ft/2 ft 6 in | 0,91 m/0,76 m | 3 ft/2 ft 6 in | 0,91 m/0,76 m |
| B Platform width (8 ft/6 ft) | 8 ft/6 ft | 2,44 m/1,83 m | 8 ft/6 ft | 2,44 m/1,83 m |
| C Height - stowed (tires) | 8 ft 3 in | 2,51 m | 8 ft 3 in | 2,51 m |
| D Height - stowed (TraX) | 8 ft 6 in | 2,59 m | 8 ft 6 in | 2,59 m |
| E Length - stowed (tires) | 26 ft 4 in | 8,03 m | 31 ft 1 in | 9,47 m |
| F Length - stowed (TraX) | 26 ft 4 in | 8,03 m | 31 ft 1 in | 9,47 m |
| G Width (tires) | 8 ft 2 in | 2,49 m | 8 ft 2 in | 2,49 m |
| H Width (TraX) | 8 ft 1,6 in | 2,48 m | 8 ft 1,6 in | 2,48 m |
| I Wheelbase | 8 ft 1 in | 2,46 m | 8 ft 1 in | 2,46 m |
| J Ground clearance - center (tires) | 1 ft .5 in | 0,32 m | 1 ft .5 in | 0,32 m |
| K Ground clearance - center (TraX) | 1 ft 7 in | 0,48 m | 1 ft 7 in | 0,48 m |
| L Height under counterweight | 3 ft 4 in | 1,02 m | 3 ft 4 in | 1,02 m |

Productivity

| | | | | |
|--|---------------------------|-------------------|---------------------------|-------------------|
| Lift capacity max. - unrestricted | 660 lb | 300 kg | 660 lb | 300 kg |
| Lift capacity max. - restricted | 1 000 lb | 454 kg | 1 000 lb | 454 kg |
| Number of Platform Occupants (restricted/unrestricted) | 3/2 | | 3/2 | |
| Platform rotation | 160° | | 160° | |
| Jib length | — | | 5 ft | 1,52 m |
| Vertical jib rotation (up/down) | — | | 133° | |
| Turntable rotation | 360° | | 360° | |
| Turntable tailswing | 38 in | 0,97 m | 38 in | 0,97 m |
| Drive speed - stowed (tires) | 4,0 mph | 6,40 km/h | 4,0 mph | 6,40 km/h |
| Drive speed - stowed (TraX) | 2,04 mph | 3,28 km/h | 2,04 mph | 3,28 km/h |
| Drive speed - raised (tires) | 0,68 mph | 1,1 km/h | 0,68 mph | 1,1 km/h |
| Drive speed - raised (TraX) | 0,68 mph | 1,1 km/h | 0,68 mph <td 1,1 km/h | |
| Gradeability - stowed ⁽²⁾ | 45% | | 45% | |
| Tilt sensor activation (front to back/side to side) | 7°/5° | | 7°/5° | |
| Turning radius - inside/outside (tires) | 6 ft 10 in/ 17 ft 2 in | 2,08 m/ 5,23 m | 6 ft 10 in/ 17 ft 2 in | 2,08 m/ 5,23 m |
| Turning radius - inside/outside (TraX) | 6 ft 10 in/ 17 ft 2 in | 2,08 m/ 5,23 m | 6 ft 10 in/ 17 ft 2 in | 2,08 m/ 5,23 m |
| Tires | 315/55D20 | | 315/55D20 | |
| Track system - 4 points | TraX | | TraX | |

Power

| Power | Diesel | | Diesel | |
|-------------------------|--------|-------|--------|-------|
| Hydraulic tank capacity | 38 gal | 144 L | 38 gal | 144 L |
| Fuel tank capacity | 35 gal | 132 L | 35 gal | 132 L |

Weight⁽³⁾ and Floor Loading⁽⁴⁾

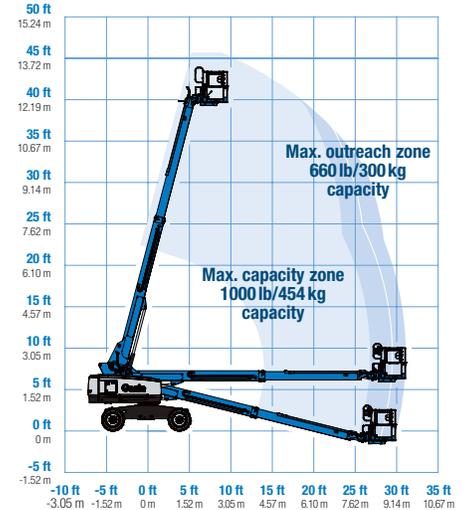
| | | | | |
|---------------------------------|-----------|-----------|-----------|-----------|
| Weight (tires) | 13 945 lb | 6 325 kg | 15 800 lb | 7 167 kg |
| Weight (TraX) | 17 120 lb | 7 765 kg | 19 010 lb | 8 623 kg |
| Tire contact pressure | 92 psi | 634 kPa | 92 psi | 634 kPa |
| Track contact pressure | 22 psi | 151,7 kPa | 25 psi | 172,4 kPa |
| Occupied floor pressure (tires) | 162 psf | 7,76 kPa | 187 psf | 8,95 kPa |
| Occupied floor pressure (TraX) | 201 psf | 9,6 kPa | 223 psf | 10,7 kPa |

Sound and Vibration Levels

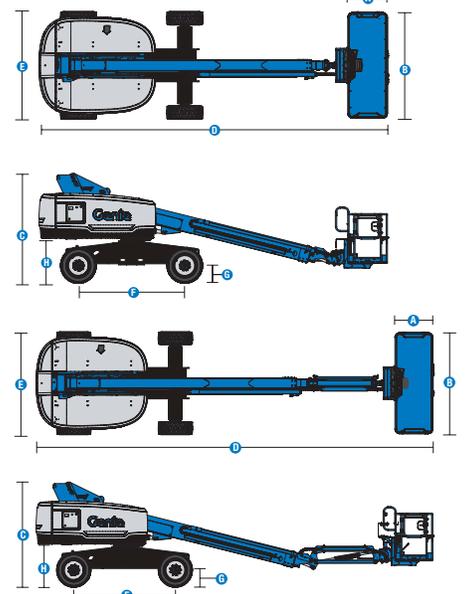
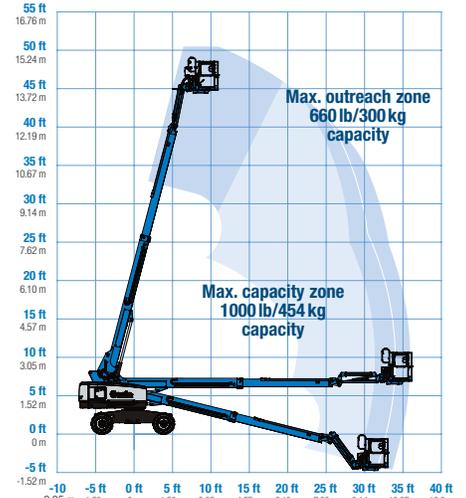
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|---|------------------------|------------------------|
| Sound Pressure level (ground workstation) | 90 dBA | 90 dBA |
| Sound Pressure level (platform workstation) | 77 dBA | 77 dBA |
| Vibrations | < 2,5 m/s ² | < 2,5 m/s ² |

(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.

Range of motion S-40 XC/S-40 TraX



Range of motion S-45 XC/S-45 TraX



Genie® S® -40 XC™ & S-45 XC, S-40 TraX™ & S-45 TraX

SKU: Standard Model

- **S40XC001AF0017:** S-40 XC, 4WD
- **S40XC001AF0022:** S-40 XC, Lift Power 3kW, 4WD
- **S40XC001AF0023:** S-40 XC, Lift Power 12kW Welder Ready, 4WD

SKU: Standard Model

- **S45XC001AF0051:** S-45 XC, 4WD
- **S45XC001AF0052:** S-45 XC, Lift Power 3kW, 4WD
- **S45XC001AF0099:** S-45 XC, Lift Power 12kW Welder Ready, 4WD

* Build to Order

| Option availability | | S | S+ | BtO |
|---|--|--|----|-----|
| Power | 49 hp, 37 kW, Deutz D2.9L, Diesel, T4f | ✓ | ✓ | ✓ |
| | 49 hp, 37 kW, Perkins 404F-E22T, Turbo Diesel, T4f | | | ○ |
| | 60 hp, 45 kW, Ford 2.5L, Gas/LPG | | | ○ |
| | Cold weather package | | | ○ |
| | 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 | | ✓ | ✓ | ✓ |
| 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/60Hz | | | | ○ |
| Lift Power 3kW AC Generator, 220V/50Hz | | | | ○ |
| Lift Power 12kW Welder Ready | | | | ○ |
| 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 | ✓ | ✓ | ✓ |
| | Telematics-ready | ✓ | ✓ | ✓ |
| | Lift Connect with Access Manager upgrade | | ○ | ○ |
| | Biodegradable hydraulic oil | | | ○ |
| | Cold weather hydraulic oil | | | ○ |
| | Fire resistant hydraulic oil | | | ○ |
| | High floatation, air-filled tires | | ○ | ○ |
| | Rough terrain, foam-filled tires | ✓ | ✓ | ✓ |
| | Rough terrain, foam-filled, non-marking tires | | ○ | ○ |
| | TraX track drive system | | | ○ |
| | Deluxe hostile environment kit | | | ○ |
| | Hostile environment kit | | | ○ |
| | LPG tank 33.5 lb | | | ○ |
| | Tow package | | | ○ |
| | 2 speed wheel motors | ✓ | ✓ | ✓ |
| | Active oscillating axle | ✓ | ✓ | ✓ |
| | Alarm package: includes flashing beacon and travel alarm | ✓ | ✓ | ✓ |
| | Chassis tilt lift and drive function cut-out | ✓ | ✓ | ✓ |
| Descent, tilt and motion alarm | ✓ | ✓ | ✓ | |
| Dual battery system | ✓ | ✓ | ✓ | |
| Hour meter | ✓ | ✓ | ✓ | |
| Hydraulic oil cooler | ✓ | ✓ | ✓ | |
| Tech Pro Link connector | ✓ | ✓ | ✓ | |

Positive air shutdown system for Deutz engines only

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



Rugged Terrainability



Xtra Capacity



Zero-Load Calibration



Genie Genuine Accessories⁽¹⁾

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

(1) More accessories available from Genie Genuine Parts.

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