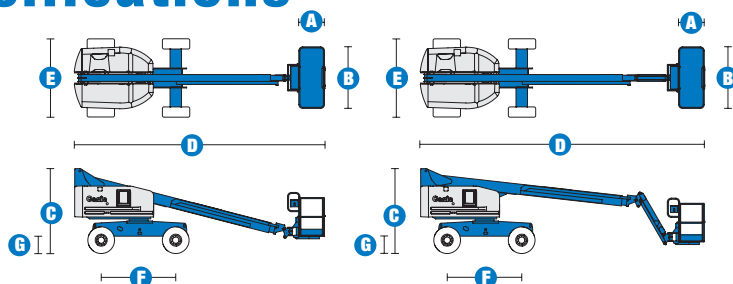


## Specifications



| MODELS                                | S™-40      |         | S™-45       |         |
|---------------------------------------|------------|---------|-------------|---------|
| MEASUREMENTS                          | US         | Metric  | US          | Metric  |
| Working height maximum*               | 46 ft      | 14.20 m | 51 ft       | 15.72 m |
| Platform height maximum               | 40 ft      | 12.20 m | 45 ft       | 13.72 m |
| Horizontal reach maximum              | 31 ft 8 in | 9.65 m  | 36 ft 8 in  | 11.18 m |
| Below ground reach                    | 3 ft 2 in  | .97 m   | 4 ft 11 in  | 1.5 m   |
| <b>A</b> Platform length - 8 ft model | 3 ft       | .91 m   | 3 ft        | .91 m   |
| Platform length - 6 ft model          | 2 ft 6 in  | .76 m   | 2 ft 6 in   | .76 m   |
| <b>B</b> Platform width - 8 ft model  | 8 ft       | 2.44 m  | 8 ft        | 2.44 m  |
| Platform width - 6 ft model           | 6 ft       | 1.83 m  | 6 ft        | 1.83 m  |
| <b>C</b> Height - stowed              | 8 ft 2 in  | 2.49 m  | 8 ft 2 in   | 2.49 m  |
| <b>D</b> Length - stowed              | 24 ft 3 in | 7.39 m  | 27 ft 10 in | 8.48 m  |
| - transport (jib tucked under)        | —          | —       | 22 ft 4 in  | 6.80 m  |
| <b>E</b> Width (with standard tires)  | 7 ft 6 in  | 2.30 m  | 7 ft 6 in   | 2.30 m  |
| <b>F</b> Wheelbase                    | 7 ft 3 in  | 2.20 m  | 7 ft 3 in   | 2.20 m  |
| <b>G</b> Ground clearance - center    | 1 ft .5 in | .32 m   | 1 ft .5 in  | .32 m   |

### PRODUCTIVITY

|                                  |                      |          |                      |          |
|----------------------------------|----------------------|----------|----------------------|----------|
| Lift capacity                    | 500 lbs              | 227 kg   | 500 lbs              | 227 kg   |
| Platform rotation                | 160°                 |          | 160°                 |          |
| Vertical jib rotation            | —                    |          | 135°                 |          |
| Turntable rotation               | 360° continuous      |          | 360° continuous      |          |
| Turntable tailswing              | 2 ft 10 in           | .86 m    | 2 ft 10 in           | .86 m    |
| Drive speed - stowed             | 4.8 mph              | 7.7 km/h | 4.8 mph              | 7.7 km/h |
| Drive speed - raised or extended | 0.68 mph             | 1.1 km/h | 0.68 mph             | 1.1 km/h |
| Gradeability - 2WD - stowed**    | 30%                  |          | 30%                  |          |
| Gradeability - 4WD - stowed**    | 40%                  |          | 40%                  |          |
| Turning radius - inside          | 6 ft 8 in            | 2.0 m    | 6 ft 8 in            | 2.0 m    |
| Turning radius - outside         | 15 ft 8 in           | 4.78 m   | 15 ft 8 in           | 4.78 m   |
| Controls                         | 12 V DC proportional |          | 12 V DC proportional |          |
| Tires - RT lug                   | 12-16.5 NHS          |          | 12-16.5 NHS          |          |
| Tires - ribbed (2WD front)       | 12.5 L - 16 SL       |          | 12.5 L - 16 SL       |          |

### POWER

|                         |                                                                                                                                                       |       |         |       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|-------|
| Power source            | Ford DSG 423 4 cylinder gas/LPG 75 hp (56 kW)<br>Deutz D2011L03i 3 cylinder diesel 48 hp (35.8 kW)<br>Perkins 404C-22 4 cylinder diesel 51 hp (38 kW) |       |         |       |
| Auxiliary power unit    | 12 V DC                                                                                                                                               |       | 12 V DC |       |
| Hydraulic tank capacity | 45 gal                                                                                                                                                | 170 L | 45 gal  | 170 L |
| Fuel tank capacity      | 20 gal                                                                                                                                                | 76 L  | 20 gal  | 76 L  |

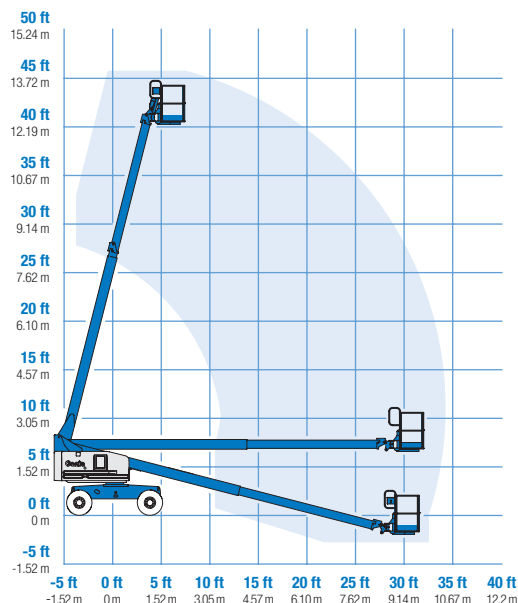
### WEIGHT\*\*\*

|  |            |          |            |          |
|--|------------|----------|------------|----------|
|  | 11,650 lbs | 5,284 kg | 14,790 lbs | 6,709 kg |
|--|------------|----------|------------|----------|

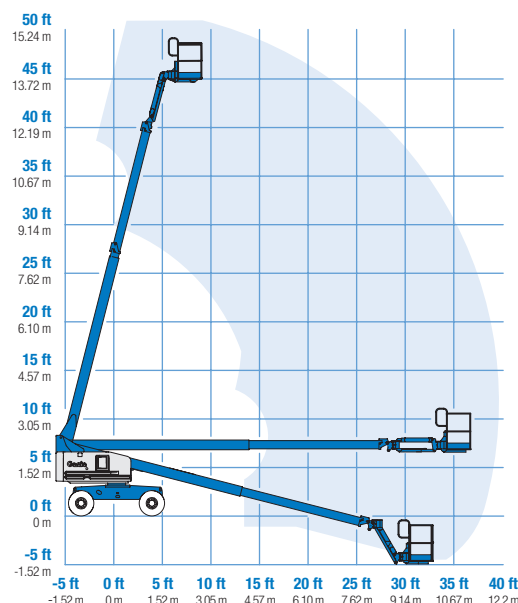
### STANDARDS COMPLIANCE

ANSI A92.5, CSA B354.4, CE Compliance

### RANGE OF MOTION S™-40



### RANGE OF MOTION S™-45



\* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

\*\* Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings.

\*\*\* Weight will vary depending on options and/or country standards.



## Features

### EASILY CONFIGURED TO MEET YOUR NEEDS

#### PLATFORM OPTIONS

- Steel 8 ft (2.44 m) (standard)
- Steel 6 ft (1.83 m)
- Steel 6\*\* or 8 ft (1.83 or 2.44 m) tri-entry
- Steel 4 ft (1.22 m)\*\*
- Steel 5 ft (1.52 m)\*\*

#### JIB OPTIONS

- Non-jib
- 5 ft (1.52 m) jib boom

#### POWER OPTIONS

- Ford gas/LPG 75 hp (56 kW)
- Deutz diesel 48 hp (35.8 kW)
- Perkins diesel 51 hp (38 kW)

#### DRIVE OPTIONS

- 2WD
- 4WD

#### AXLE OPTIONS

- Active oscillation
- Non-oscillating

#### TIRE OPTIONS

- Rough terrain air-filled (standard)
- Rough terrain foam-filled
- Rough terrain non-marking air or foam-filled
- High flotation air-filled
- Sealant treated air-filled

### STANDARD FEATURES

#### MEASUREMENTS

##### S™-40

- 46 ft (14.20 m) working height
- 31 ft 8 in (9.65 m) horizontal reach
- Up to 500 lb (227 kg) lift capacity

##### S™-45

- 51 ft (15.72 m) working height
- 36 ft 8 in (11.18 m) horizontal reach
- Up to 500 lb (227 kg) lift capacity

#### PRODUCTIVITY

- Self-leveling platform
- Hydraulic platform rotation
- Fully proportional Hall effect joystick controls
- Fuel select switch on platform and ground control panels (Gas/LPG models)
- Drive enable
- AC power cord to platform
- Tilt alarm
- Horn
- Hour meter
- 360° continuous turntable rotation
- Locking, low profile turntable covers
- Positive traction drive
- Two speed wheel motors

#### POWER

- All engines are emissions compliant
- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Intake air heater (Deutz engine)
- Swing out engine tray

### OPTIONS & ACCESSORIES

#### PRODUCTIVITY

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Arc Pro 275™ Heavy-Duty Welder package
- Welder Ready package
- Weld leads to platform
- Air line to platform
- Hydraulic oil cooler
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Basic hostile environment kit
- Deluxe hostile environment kit
- Deluxe aircraft protection package (6 ft platform only)
- Thumb rocker steer
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Alarm package
- Panel cradle package\*
- Platform work lights
- Front driving lights
- Lockable platform control box covers
- Tow package

#### POWER

- Engine gauge package
- AC generator packages (110V/60Hz, 3000W or 220V/50Hz, 2500W)
- Cold Weather Packages
- Arctic Packages
- Diesel scrubber/spark arrestor muffler
- Diesel spark arrestor muffler
- LPG tank 33.5 lb (15.19 kg) capacity
- Additional LPG tank with carrier
- Retained key selector switch

\* Available on select models

\*\* Not available on CE machines

### Genie United States

18340 NE 76th Street  
P.O. Box 97030  
Redmond, Washington 98073-9730

Telephone **+1 (425) 881-1800**  
Toll Free in USA/Canada **+1 (800) 536-1800**  
Fax +1 (425) 883-3475

### Genie Europe

Millennium House  
Brunel Drive  
Newark NG24 2DE  
UK

Telephone **+44 (0)1476 584333**  
Fax +44 (0)1476 584334

Email: [infoeurope@genieind.com](mailto:infoeurope@genieind.com)

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