

# Genie® S®-80 HF & S-85 HF

## Specifications

Models	S-80 HF		S-85 HF	
Measurements	US	Metric	US	Metric
Working height max. <sup>(1)</sup>	86 ft	26.38 m	91 ft	27.91 m
Platform height max.	80 ft	24.38 m	85 ft	25.91 m
Horizontal reach max.	68 ft 6 in	20.88 m	72 ft 6 in	22.10 m
Below ground reach	5 ft 6 in	1.68 m	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	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	8 ft/6 ft	2.44 m/1.83 m
<b>C</b> Height - stowed (tires)	9 ft 2 in	2.80 m	9 ft 2 in	2.80 m
<b>D</b> Length - stowed (tires)	37 ft 7 in	11.23 m	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 (tires)	8 ft 6 in	2.59 m	8 ft 6 in	2.59 m
<b>F</b> Wheelbase	9 ft 4 in	2.85 m	9 ft 4 in	2.85 m
<b>G</b> Ground clearance - center (tires)	15.8 in	0.40 m	15.8 in	0.40 m
<b>H</b> Height under counterweight	3 ft 7 in	1.09 m	3 ft 7 in	1.09 m

## Productivity

Lift capacity max. - unrestricted	600 lb	272 kg	600 lb	272 kg
Lift capacity max. - restricted	1,000 lb	454 kg	1,000 lb	454 kg
Number of Platform Occupants	2		2	
Platform rotation	160°		160°	
Jib length	—		5 ft	1.52 m
Vertical jib rotation (up/down)	—		133°	
Turntable rotation	360°		360°	
Turntable tailswing	5 ft 3 in	1.6 m	5 ft 3 in	1.6 m
Drive speed - stowed (tires)	3.0 mph	4.8 km/h	3.0 mph	4.8 km/h
Drive speed - raised (tires)	0.5 mph	0.2 m/s	0.5 mph	0.2 m/s
Gradeability - stowed <sup>(2)</sup>	45 %		45 %	
Tilt sensor activation (front to back/side to side)	7°/5°		7°/5°	
Turning radius - inside/outside (tires)	12 ft/21 ft 6 in	3.66 m/6.55 m	12 ft/21 ft 6 in	3.66 m/6.55 m
Tires	41/18LL22.5		41/18LL22.5	

## Power

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

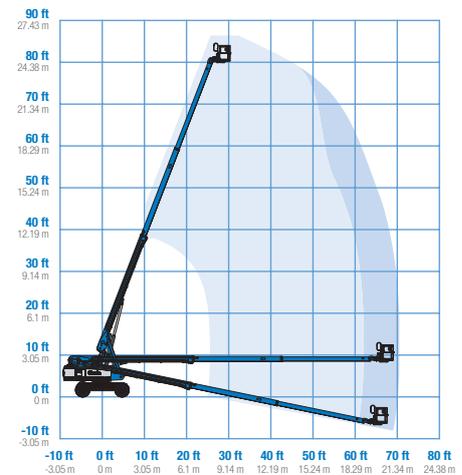
## Weight<sup>(3)</sup> and Floor Loading<sup>(4)</sup>

Weight (tires)	35,500 lb	16,103 kg	38,000 lb	17,237 kg
Tire contact pressure	100 psi	689.47 kPa	100 psi	689.47 kPa
Occupied floor pressure (tires)	343 psf	16.42 kPa	366 psf	17.53 kPa

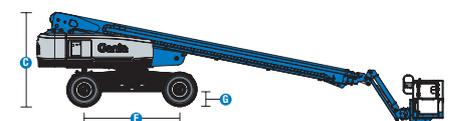
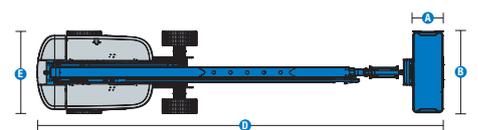
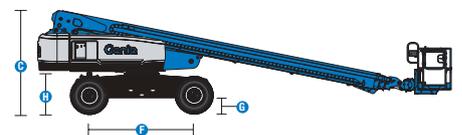
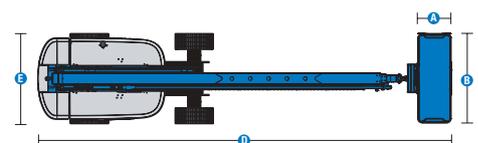
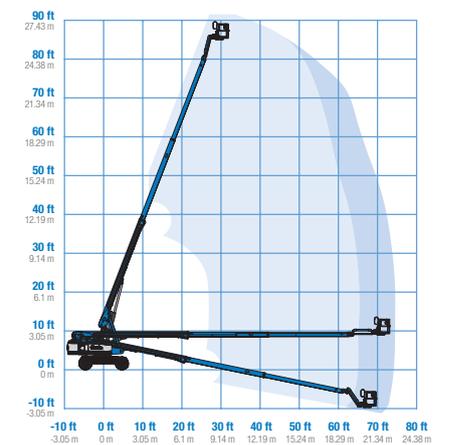
## Sound and Vibration Levels

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

## Range of motion S-80 HF



## Range of motion S-85 HF



(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®-80 HF & S-85 HF

**SKU: Standard Model**

- S-80 HF, 4WD\*

\* Build to Order

**SKU: Standard Model**

- S-85 HF, 4WD\*

Option availability		S	S+	BtO
Power	58 hp, 43 kW, Perkins 404D-22T, Turbo Diesel, T4i			<input type="radio"/>
	67 hp, 50 kW, Perkins, 404F-E22TA, Turbo Diesel, T4f			<input type="radio"/>
	74 hp, 55 kW, Deutz TD2011, Turbo Diesel, T4i/Stage IIIA/CNIII			<input checked="" type="checkbox"/>
	Diesel air intake pre-cleaner			<input type="radio"/>
	Anti-restart engine protection			<input checked="" type="checkbox"/>
	Auto engine fault shutdown			<input checked="" type="checkbox"/>
	In cylinder glow plug (diesel only)			<input checked="" type="checkbox"/>
Platform	8ft/2.44m tri-entry platform with side swing gate			<input checked="" type="checkbox"/>
	6ft/1.83m Aircraft protection platform with sliding mid-rail			<input type="radio"/>
	6ft/1.83m Aircraft protection platform with side swing gate			<input type="radio"/>
	Dual axis joystick steering			<input checked="" type="checkbox"/>
	Thumb rocker steering			<input type="radio"/>
	Air line to platform			<input type="radio"/>
	Control box covers			<input type="radio"/>
	Lift Guard Full Mesh panels			<input type="radio"/>
	Lift Guard Half Mesh panels			<input type="radio"/>
	Light Package: drive and work lights			<input type="radio"/>
	Platform auxiliary top rail			<input type="radio"/>
	Lift Power 3kW AC Generator, 110V/60Hz			<input type="radio"/>
	Lift Power 3kW AC Generator, 220V/50Hz			<input type="radio"/>
	Lift Power 12kW Welder Ready			<input type="radio"/>
	600lb/300kg unrestricted platform capacity			<input checked="" type="checkbox"/>
	Drive enable system			<input checked="" type="checkbox"/>
	Horn			<input checked="" type="checkbox"/>
	Lift Guard Contact Alarm			<input checked="" type="checkbox"/>
	Lift Tools Work Tray			<input checked="" type="checkbox"/>
	Platform load sense system			<input checked="" type="checkbox"/>
Proportional controls			<input checked="" type="checkbox"/>	
Self-leveling platform			<input checked="" type="checkbox"/>	
Chassis	Lift Connect Telematics			<input type="radio"/>
	Lift Connect with Access Manager upgrade			<input type="radio"/>
	Biodegradable hydraulic oil			<input type="radio"/>
	Cold weather hydraulic oil			<input type="radio"/>
	Fire resistant hydraulic oil			<input type="radio"/>
	Cold weather package			<input type="radio"/>
	Deluxe hostile environment kit			<input type="radio"/>
	Diesel catalytic scrubber muffler (T4i/Stage IIIA/CN III)			<input type="radio"/>
	Hostile environment kit			<input type="radio"/>
	Positive air shutdown system			<input type="radio"/>
	Scrub/spark arrest			<input type="radio"/>
	LPG tank 33.5lb			<input type="radio"/>
	Tow package			<input type="radio"/>
	Active oscillating axle			<input checked="" type="checkbox"/>
	Alarm package: includes flashing beacon and travel alarm			<input checked="" type="checkbox"/>
	Descent, tilt and motion alarm			<input checked="" type="checkbox"/>
	Dual battery system			<input checked="" type="checkbox"/>
	Hour meter			<input checked="" type="checkbox"/>
	Hydraulic oil cooler			<input checked="" type="checkbox"/>
	Tech Pro Link connector			<input checked="" type="checkbox"/>
Wheel motors 2 speed			<input checked="" type="checkbox"/>	

Positive air shutdown system for Deutz engines only

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



Sensitive Terrains



Dual Capacity



Lift Power



Genie Genuine Accessories<sup>(1)</sup>

- Lift Tools Productivity Tools
- Tech Pro Link Handheld Device

(1) More accessories available from Genie Genuine Parts.

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