

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	0.97 m	4 ft 11 in	1.5 m
A Platform length - 8 ft model	3 ft	0.91 m	3 ft	0.91 m
Platform length - 6 ft model	2 ft 6 in	0.76 m	2 ft 6 in	0.76 m
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
C Height - stowed	8 ft 2 in	2.49 m	8 ft 2 in	2.49 m
- stowed with Trax option	8 ft 2 in	2.49 m	8 ft 2 in	2.49 m
D 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
E Width - standard tires	7 ft 6 in	2.30 m	7 ft 4 in	2.24 m
- Trax option	7 ft 4 in	2.24 m	7 ft 6 in	2.30 m
F Wheelbase	7 ft 3 in	2.20 m	7 ft 3 in	2.20 m
G Ground clearance - center	1 ft .5 in	0.32 m	1 ft .5 in	0.32 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	0.86 m	2 ft 10 in	0.86 m
Drive speed - stowed	4.8 mph	7.7 km/h	4.8 mph	7.7 km/h
- raised or extended	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Gradeability - 2WD - stowed**	30%		30%	
- 4WD - stowed**	40%		40%	
Turning radius - inside	6 ft 8 in	2.0 m	6 ft 8 in	2.0 m
- 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	
	Trax		Trax	

Power

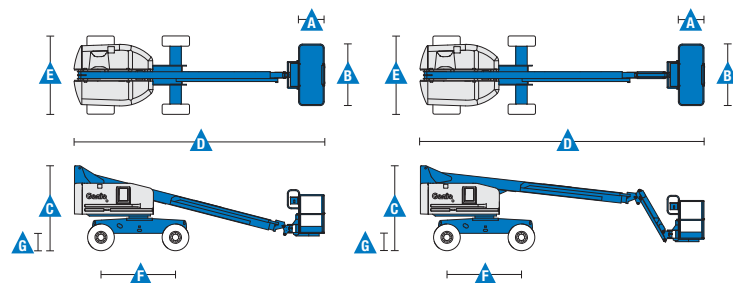
Power source	Ford DSG 423 4 cylinder gas/LPG 75 hp (56 kW) Deutz D2011L03i 3 cylinder diesel 46 hp (34.3 kW) Perkins 404D-22 4 cylinder diesel 51 hp (38 kW)			
Auxiliary power unit	12 V DC		12 V DC	
Hydraulic tank capacity	45 gal	170 L	45 gal	170 L
Fuel tank capacity	20 gal	76 L	20 gal	76 L

Weight***

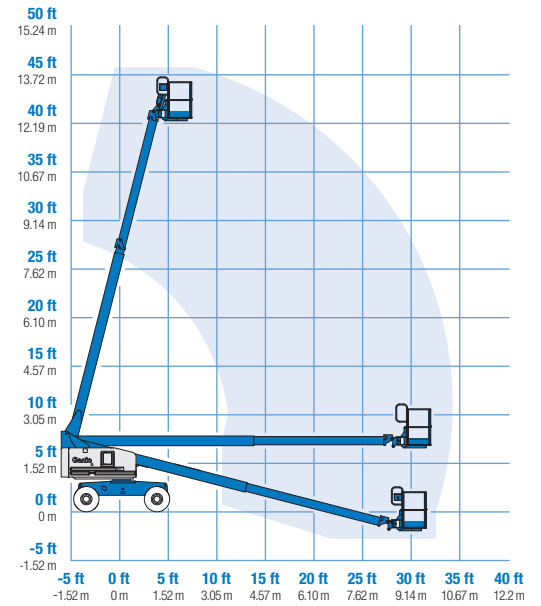
Standard	12,300 lbs	5,578 kg	15,200 lbs	6,893 kg
Trax	14,440 lbs	6,564 kg	17,440 lbs	7,927 kg

Standards Compliance

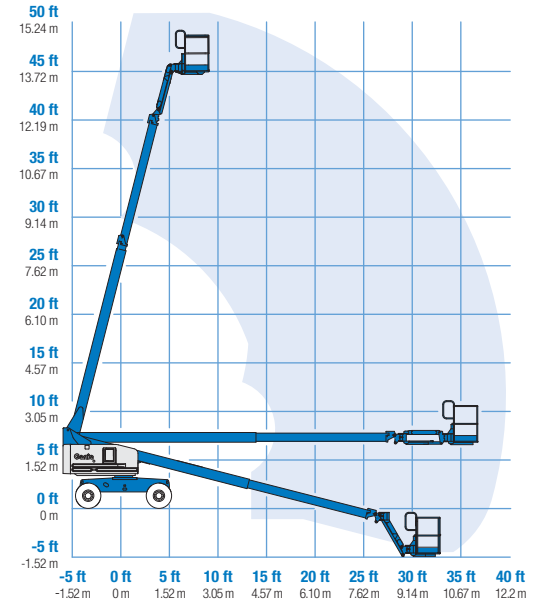
ANSI A92.5, CSA B354.4, EN 280, AS 1418.10



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

Standard Features

Measurements

S-40

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

S-45

- 51 ft (15.72 m) working height
- 36 ft 8 in (11.18 m) horizontal reach
- 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
- Descent alarm
- Horn
- Hour meter
- 360° continuous turntable rotation
- Locking turntable covers
- Positive traction drive
- Two speed wheel motors

Power

- 12 V DC auxiliary power
- Anti-restart engine protection
- Auto engine fault shutdown
- Intake air heater (Deutz engine)

Easily Configured To Meet Your Needs

Platform Options

- Steel 8 ft (2.44 m) (standard)
- Steel 6 ft (1.83 m)
- 8 ft (2.44 m) tri-entry

Jib Options

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

Engine Options

- Ford gas/LPG 75 hp (56 kW)
- Deutz diesel 46 hp (34.3 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



Options & Accessories

Productivity Options

- 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
- Biodegradable hydraulic oil
- Hostile environment package
- Deluxe hostile environment package
- Aircraft protection package (6 ft platform only)
- Thumb rocker steer
- Tool tray
- Pipe cradle (pair)
- Alarm package
- Panel cradle package*
- Lockable platform control box covers
- Tow package
- Work light package

Power Options

- Engine gauge package
- AC generator packages (110V/60Hz - 220V/50Hz, 2200W)
- Cold Weather Packages
- Diesel scrubber/spark arrestor muffler (catalytic muffler)
- LPG tank 33.5 lb (15.19 kg) capacity
- Intake air pre-cleaner

* Available on select models

** Required for CE markets

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Distributed By:

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