

Self-Propelled Telescopic Booms

S[®]-40 XC[™], S-45 XC, S-40 TraX[™] & S-45 TraX

Specifications

Models	S-40 XC		S-45 XC	
Measurements	US	Metric	US	Metric
Working height maximum*	45 ft 6 in	13.87 m	50 ft 6 in	15.39 m
Platform height maximum	39 ft 6 in	12.04 m	44 ft 6 in	13.56 m
Horizontal reach maximum	31 ft 1 in	9.74 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 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 3 in	2.54 m	8 ft 3 in	2.51 m
- stowed with Trax option	8 ft 5 in	2.56 m	8 ft 5 in	2.56 m
D Length - stowed	25 ft 6 in	7.77 m	26 ft 3 in	8.00 m
E Width - standard tires	8 ft 2 in	2.49 m	8 ft 2 in	2.49 m
- Trax option	7 ft 7 in	2.31 m	7 ft 7 in	2.31 m
F Wheelbase	8 ft	2.44 m	8 ft	2.44 m
G Ground clearance - center	1 ft .5 in	0.32 m	1 ft .5 in	0.32 m
- Trax option	1 ft	30.48 cm	1 ft	30.48 cm

Productivity

Maximum lift capacity - unrestricted	660 lb	300 kg	660 lb	300 kg
- restricted	1,000 lb	454 kg	1,000 lb	454 kg
Platform rotation	160°		160°	
Vertical jib rotation	—		133°	
Turntable rotation	360° continuous		360° continuous	
Turntable tailswing	36 in	0.91 m	36 in	0.91 m
Drive speed - stowed	4.0 mph	6.4 km/h	4.0 mph	6.4 km/h
- raised or extended	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
- Trax option stowed	2.5 mph	4.0 km/h	2.5 mph	4.0 km/h
- Trax option raised	0.68 mph	1.1 km/h	0.68 mph	1.1 km/h
Maximum slope rating**	45%		45%	
Turning radius - inside	6 ft 10 in	2.08 m	6 ft 10 in	2.08 m
- outside	17 ft 2 in	5.23 m	17 ft 2 in	4.78 m
- Trax option inside	6 ft 8 in	2.03 m	6 ft 8 in	2.03 m
- Trax option outside	17 ft	5.18 m	17 ft	5.18 m
Controls	12 V DC proportional		12 V DC proportional	
Tires - RT foam-filled	33/16LL 500, 10 ply, 19.5 in wheel		33/16LL 500, 10 ply, 19.5 in wheel	
- Trax, Quadra Track System	Vermeer Track System		Vermeer Track System	
Tilt sensor activation	front to back: 7° and side to side: 5°			

Power

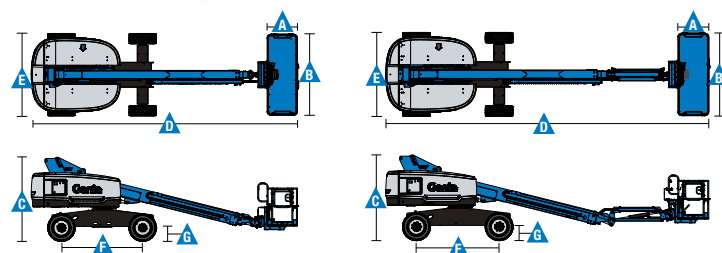
Power source	49 hp (35.79 kW) Perkins diesel T4f 404F-E22T 48 hp (35.79 kW) Deutz diesel T4f F3L-2011 49 hp (36.54 kW) Deutz diesel T4f D2.9L4 60hp (44.74kW) Ford gas/LPG MSG425			
Auxiliary power unit	12 V DC		12 V DC	
Hydraulic tank capacity	38 gal	144 L	38 gal	144 L
Fuel tank capacity	35 gal	132 L	20 gal	76 L

Weight***

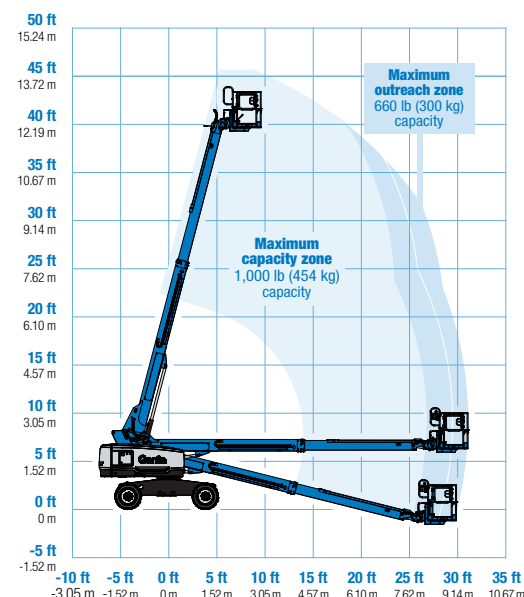
Standard	14,124 lb	6,407 kg	16,300 lb	7,394 kg
Trax	15,364 lb	6,969 kg	17,540 lb	7,956 kg

Standards Compliance

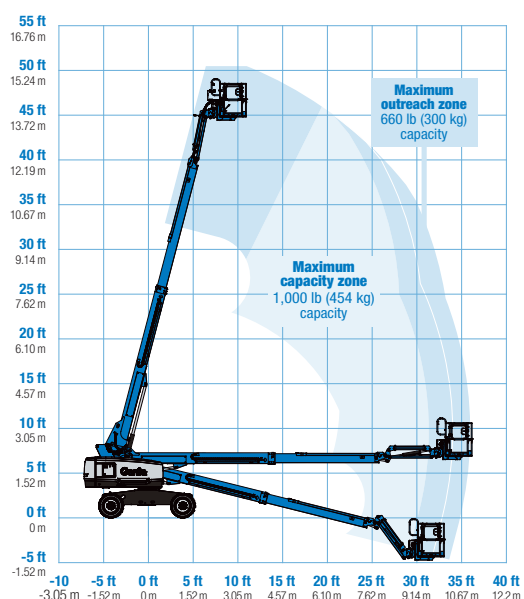
ANSI A92.20, CSA B354.6 and AS 1418.10



Range Of Motion S-40 XC



Range Of Motion S-45 XC



* 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.

Self-Propelled Telescopic Booms

S[®]-40 XC[™], S-45 XC, S-40 TraX[™] & S-45 TraX

Features

Standard Features	Easily Configured To Meet Your Needs	Options & Accessories
Measurements S-40 XC and S-40 TraX 45 ft 6 in (13.87 m) working height 31 ft 1 in (9.7 m) horizontal reach 660 lb (300 kg) unrestricted and 1,000 lb (454 kg) restricted lift capacity S-45 XC and S-45 TraX 50 ft 6 in (15.39 m) working height 36 ft 2 in (11.02 m) horizontal reach 660 lb (300 kg) unrestricted and 1,000 lb (454 kg) restricted lift capacity Productivity - Self-leveling platform 160° hydraulic platform rotation - Proportional joystick controls - Fuel select switch on platform and ground control panels (Gas/LPG models)* - Drive enable - Alarm package: flashing beacon and travel alarm - AC power cord to platform - Horn - Hour meter - Tilt alarm - Descent alarm 360° continuous turntable rotation - Locking turntable covers - Positive traction drive - Two speed wheel motors - Entry Toeboard - Lift Guard[™] Contact Alarm - Lift Tools[™] Work Tray - Lift Connect[™] Telematics - Hydraulic oil cooler Power 12 V DC auxiliary power - Anti-restart engine protection - Auto engine fault shutdown - Intake air heater (Deutz engine)	Platform Options - Steel 8 ft (2.44 m) tri entry with side swing gate (standard) - Steel 6 ft (1.83 m) dual entry with side swing gate Jib Options - Non-jib (S-40 only) 5 ft (1.52 m) jib boom (S-45 only) Engine Options 49 hp (36.54 kW) Deutz diesel T4f** (standard) 48 hp (35.79 kW) Deutz diesel T4f F3L-2011 48 hp (35.79 kW) Perkins diesel T4f** 60 hp (44.74kW) Ford Gas/LPG Tire Options - Rough terrain foam-filled (standard) - Rough terrain non-marking (foam-filled) - Quadra Trax (track system) Axels - Active Oscillation, 4WD	Productivity Options - Lift Power[™] 3 kW AC Generator 12 kW 240 V / 60 Hz Welder Ready package 12 kW Welder Equipped, Select Lincoln or Miller (12 kW options include a fire extinguisher and fireproof sleeves) - Lift Guard Platform Mesh - Half - Lift Guard Platform Mesh - Full - Lift Guard Platform Mesh - Screen (8ft platform only)*** - Platform top auxiliary rail - Air line to platform - Specialty hydraulic oil (cold weather, fire resistant, or biodegradable) - Hostile environment kit - Deluxe hostile environment kit - Aircraft protection package (6 ft platform only) - Thumb rocker steer - Alarm package - Panel cradle package - Lockable platform control box covers - Tow package - Work light package - Operator Protective Structure*** - Fall Arrest Bar - Lift Tools Expo Installer*** - Lift Tools Access Deck*** Power Options - Engine gauge package* - Cold Weather Packages - Diesel scrubber/muffler (catalytic muffler, Tier 4i only) - LPG tank 33.5 lb (15.19 kg) capacity - Intake air pre-cleaner (Tier 4i only) - Positive Air Shutoff System (Deutz engine only)



* Available only with Ford engine
 ** Also available as Tier 4i in limited regions
 *** Available through aftermarket parts only

Genie United States

6464 185th Ave. NE
 Redmond, WA 98052
 Telephone +1 (425) 881-1800
 Toll Free in USA/Canada +1 (800)-536-1800
 Fax +1 (425) 883-3475

Distributed By:

Effective Date: December, 2019. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and we make no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or their subsidiaries in the USA and many other countries. Terex, Genie and AWP are registered trademarks of Terex Corporation or its subsidiaries. © 2019 Terex Corporation.