

Enhanced Operation Over 100 Ft

The new Genie® SX™-105 XC™ and SX-125 XC booms say good-bye to the saw tooth working envelope of their predecessors and other manufacturers. These booms have the ability to automatically retract as they reach their operating envelope, giving these models a smooth, full range of motion throughout the machines' entire working envelope – up to 105 ft (32 m) and 125 ft 1 in (38.12 m) in the air, respectively, with 135° of vertical jib rotation.



Industry-Leading Reach and Capacity

The Genie SX-135 XC boom's innovative design includes 10 ft (3 m) more of outreach than any other self-propelled boom on the market. This exceptional range of motion is thanks to a unique 18 ft (5.48 m) - 30 ft (9.14 m) Genie Telescoping Jib-Extend™ jib, which offers operators up and over capabilities, as well as 125° of jib articulation, boasting 55° down to 70° up of vertical articulation. The working envelope is also increased with this boom's extended reach out and down capability – 19 ft 8 in (6 m) of below ground reach, the furthest in the industry.



Work in More Places

The Genie Mini XChassis™ axle system provides Genie XC models over 100 ft with excellent maneuverability on, off and around confined jobsites. This includes the ability to be transported on a standard trailer – no over width or over height permits required. Extending and retracting the axles to and from the stowed position with a more compact footprint – 8 ft 2 in (2.49 m) retracted or 12 ft 11 in (3.94 m) extended.

Xtra Capacity Models Available

S-40 XC | S-45 XC | S-60 XC | S-65 XC | S-80 XC | S-85 XC | SX-105 XC | SX-125 XC | SX-135 XC | Z-45 XC

Power and Terrainability

Delivering maximum reach and exceptional maneuverability, Genie® SX™-150 and SX-180 telescoping booms feature Genie XChassis™ expanding axle systems with true four-wheel drive and four-wheel steer capabilities, rugged diesel engine options, and a range of application specific platform options. With horizontal outreach of 80 ft (27.43 m), working heights up to 186 ft (56.1 m), and full envelope platform capacities of 750 lb (340 kg), these machines outperform all other boom lifts on the market.

Great for Tight Spaces

Maneuver in tight workspaces with class-leading tailswing, 360° continuous rotation turntable, and a compact stowed width of 8 ft 2 in (2.49 m).

Diesel Engine Options

These models feature quiet diesel engines for more power and increased performance, even at high altitudes. Choose from two turbo diesel engine options: Deutz 74 hp (55 kW) or Perkins 74 hp (55 kW). All Tier 4 compliant engines in Genie booms are below the horsepower requirement for costly diesel exhaust fluid systems.

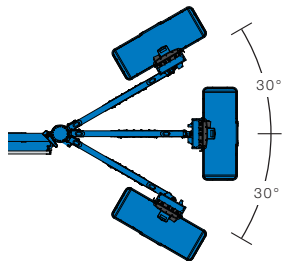


The horizontal outreach of these large Genie booms is the industry's best-in-class at 80 ft (24.38 m) with a platform capacity of 750 lb (340 kg).



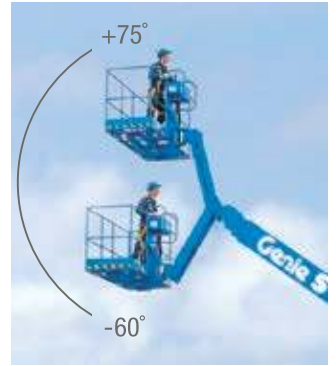
Rotating Jibs for Precise Positioning

These booms feature the industry's only horizontally rotating jibs above 150 ft (45.72 m) with 60° of rotation. Standard 8 ft (2.44 m) tri-entry with side swing gate platforms can be rotated to exactly where you need to work and are self-leveling throughout the range of motion.



Built to Safely and Quickly Lift Operators

Offering uncompromising productivity and industry-leading capacity through the full working envelope, the Genie SX-150 and SX-180 booms are the perfect fit for the most extreme construction, maintenance, telecommunications, gas and oil refineries, chemical facilities and large utility applications. The Genie SX-180 unit is our highest reaching self-propelled boom.



Extra Working Range

The out-and-up articulating jib on the Genie® SX™-150 and SX-180 booms feature gives you an additional 10 ft (3 m) of horizontal reach and height plus 135° of working range.

Engine-Powered Models Available

SX-150 | SX-180

Genie® High Float (HF) Booms Protect Sensitive Turf

The Genie® S®-40 HF, S-45 HF, S-60 HF, S-65 HF, S-80 HF and S-85 HF telescopic booms are designed to perform heavy-lifting tasks in sensitive turf conditions, such as sand and turf ground conditions.



Envelope Control

Feature automatic envelope control, which is the ability to automatically retract as the booms reach their operating envelope.



Softer Surfaces

Engineered to “float” on soft or delicate surfaces, Genie HF booms protect softer surfaces during operation that could be damaged by the more aggressive tread on regular rough terrain tires.



Load Sense

Equipped with a load sense cell that continuously checks the weight in the platform and limits the operating envelope to match the load chart, all while boasting the ability to do zero load field calibrations.

Updated Control System

Updated with a CAN-based control system that incorporates the familiar Genie Smart Link™ control system.

High Float Models Available

S-40 HF | S-45 HF | S-60 HF | S-65 HF | S-80 HF | S-85 HF

Reach Up Reach Out

For the ultimate in towable reach and range, the Genie® TZ™-34 and TZ-50 trailer-mounted booms offer an outstanding working envelope and intuitive controls that allow operators to efficiently work right where they need to be. With a working height of up to 40 ft (12.36 m), an outreach of 18 ft 4 in (5.59 m) and 16 ft 1 in (4.90 m) of up-and-over capability, the Genie TZ-34 model provides excellent versatility for a variety of off jobs. The Genie TZ-50 unit boasts a working height of 55 ft 6 in (17.09 m), 29 ft 2 in (8.89 m) of outreach and 22 ft (6.71 m) of up-and-over clearance, making it a favorite for contractors and on rental yards.



Easy Transport and Setup

With a variety of hitch coupler options, these Genie lifts can easily be towed behind a pickup or SUV. Hydraulic outriggers with automatic self-leveling allow machine setup in as little as 30 seconds, so you spend less time setting up and more time working.



Though rugged and heavy-duty, the Genie trailer-mounted booms are lightweight enough to use on lawns, slate or gymnasium floors. Simply put, they meet the challenges of just about any working environment.

Easy-to-Use Controls

Both ground and platform controls feature an easy-to-use pictograph system making it quick and easy to get right to work.



Designed For Serviceability

These machines are built to make service simple, including easy access to batteries. Simply release the clamp and remove the cover.



Built to Work

Durability is built in. The rigid chassis has a heavy-duty base and robust outriggers, making it the best solution for large and small contractors, maintenance crews, painting contractors and rental yards.

Trailer-Mounted Boom Lifts

TZ-34 | TZ-50

Customize Your Boom for Specific Job Site Needs

Power

Lift Power™

The Genie® Lift Power™ system is currently available on mid-sized Genie Xtra Capacity™ (XC™) machines, including Z®-45 XC, S®-40 XC, S-45 XC, S-60 XC, S-65 XC, S-80 XC, S-85 XC models.

This modernized generator system does not require time to spool up, power is immediately available with the flip of a switch. Increased productivity translates to no power interruptions during the welding process.

Three options include a three-phase, 240V (60 Hz) 12 kW generator solution uniquely configured for North American boom operators to run heavy-duty weld machines.

Welder Package

The alternative welder package is powered by a hydraulically driven 208V AC 3-phase generator driven by a closed-loop hydraulic system. It produces 12,500 continuous and 13,500 peak watts. It is available as a Full Welder Package, including a high quality welder, or as a Welder-Ready Package, without the welder.

Generator

Hydraulic-driven generator option supplies power to the platform for operating tools without relying on an outside power source and extension cords.

800 Watt Power Inverter*

The inverter converts 48V DC battery pack power to 120V AC (60 Hz) power to allow the operator to utilize a variety of power tools on the platform while elevated (2,000 watt on Genie Z-60/37 DC and FE models).

Power system options* include:

- ▶ Battery Charge Indicator
- ▶ Additional LPG Tank and/or LPG Tank with Carrier
- ▶ Second Battery
- ▶ Diesel Catalytic Scrubber Muffler
- ▶ Hydraulic Oil Cooler
- ▶ Low Voltage Interrupt with Battery Charge Indicator
- ▶ Cold Weather Package
- ▶ AGM Batteries

*Availability of accessories and options varies depending on model and/or country standards.

Platform accessories include:

- ▶ Auxiliary Top Railing
- ▶ Plate Glass and Panel Cradle Package
- ▶ Platform Control Box Cover
- ▶ Air Line to Platform
- ▶ Fluorescent Tube Caddy
- ▶ Travel Alarms and Flashing Beacon
- ▶ Lift Tools Expo Installer
- ▶ Lift Tools Access Deck-Booms
- ▶ Lift Guard™ Contact Alarm
- ▶ Lift Guard™ Half-Height Mesh
- ▶ Lift Guard™ Full Height Mesh
- ▶ Lift Guard™ Mesh Screen
- ▶ Pipe Cradle
- ▶ Platform Work Lights
- ▶ Tool Tray
- ▶ Rocker Steer Joystick
- ▶ Fall Arrest Bar



Generator



Welder Package



800 Watt Power Inverter

Jobsite Protection

Hostile Environment Packages

The basic kit includes cylinder bellows, boom wiper seals and a control box cover to protect the most critical boom and chassis areas from loose job site debris. The deluxe kit adds a center turntable shield, air intake pre-cleaner, cable track protection and covers for vents and openings, for added protection from loose job site debris in applications such as sandblasting or painting.

Aircraft Protection System

The Aircraft Protection System includes a motion-shutoff, proximity-sensing mechanism under the platform to help protect sensitive surfaces from damage. High-visibility, dense foam padding on the railings provides additional protection. Platform capacity is adjusted to 440 lb (200 kg) on some models.

Genie® Operator Protection Structure (OPS)

Identifying and avoiding overhead obstacles is a top priority on any work site. The Genie® OPS is made of tubular steel and can be attached to boom lifts with 6 ft (1.8 m) to 8 ft (2.4 m) platforms. It allows for excellent visibility and work range, and simply bolts onto the platform, no modifications necessary.

Genie Lift Guard™ Contact Alarm

The Genie Lift Guard™ Contact Alarm system is a contemporary accessory that can, in some circumstances, provide our customers with additional operator protection. This new accessory is now a standard accessory on new Genie Z® (articulated) and S® (telescopic) boom lifts.

Fall Arrest Bar

For use on 6- or 8 foot platforms, the Genie Fall Arrest Bar has a sliding track, which is designed to allow the operator to be anchored with a fall arrest lanyard while providing them the ability to move freely on an adjacent structure while outside of the platform.

Engine

Engine Options

Gasoline/LPG engine options include Ford, Kubota and GM. Diesel engine options include Deutz, Perkins or Kubota (engine options depend on model).

Cold Weather Package

Components vary depending on engine but include synthetic engine oil, 110V battery blanket, engine and hydraulic oil heaters as well as an oversized foot switch cover.

Drive, Steer And Traction

Choose from two- and four-wheel drive and two- and four-wheel steer options (four-wheel steer not available on all models).

Tire Options

- Air-filled:** Rough terrain, industrial and sealant treated
- Foam-filled:** Rough terrain and industrial
- Non-marking:** Standard on solid rubber models (Genie® Z®-30, Z-33, Z-34 and Z-40 families). Optional on most air or foam-filled models (except high flotation).



Stay Productive on Challenging Jobsites

Unlike traditional steel-tracked crawler booms, our rubber-tracked machines can be used in most applications like a wheeled machine, allowing operators to maximize utilization on jobsites. Genie TraX units are engineered with wide, rubber tracks for increased flotation and traction so sensitive surfaces like turf won't slow operators down. When working on a site with mud, sand, snow or gravel, or just generally soft underfoot conditions, Genie® TraX™ machines are built for the job.

Load Sense

These models are equipped with a load sense cell that continuously checks the weight in the platform and limits the operating envelope to match the load chart, all while boasting the ability to do zero load field calibrations.



Exclusive 4-Point System

With an independent track at each corner, instead of the more traditional “skid steer” designs that have a full-length track on each side, the exclusive Genie four-point TraX track drive system option provides these booms with exceptional terrainability and lower contact pressure for reduced damage to sensitive ground surfaces.

Easy to Transport

Genie TraX models can be transported without over-width permits thanks to their narrow profile design.

Ability to Drive on Hard and Soft Surfaces

Each triangular shaped track can swivel 11° up and down to follow undulating terrain and sharp changes in slope, like on trailer ramps. With less “teeter-totter” effect, this design provides operators a smoother ride at the platform.

TraX Models Available

S-40 TraX | **S-45 TraX** | **S-60 TraX** | **S-65 TraX** | **Z-62/40 TraX***

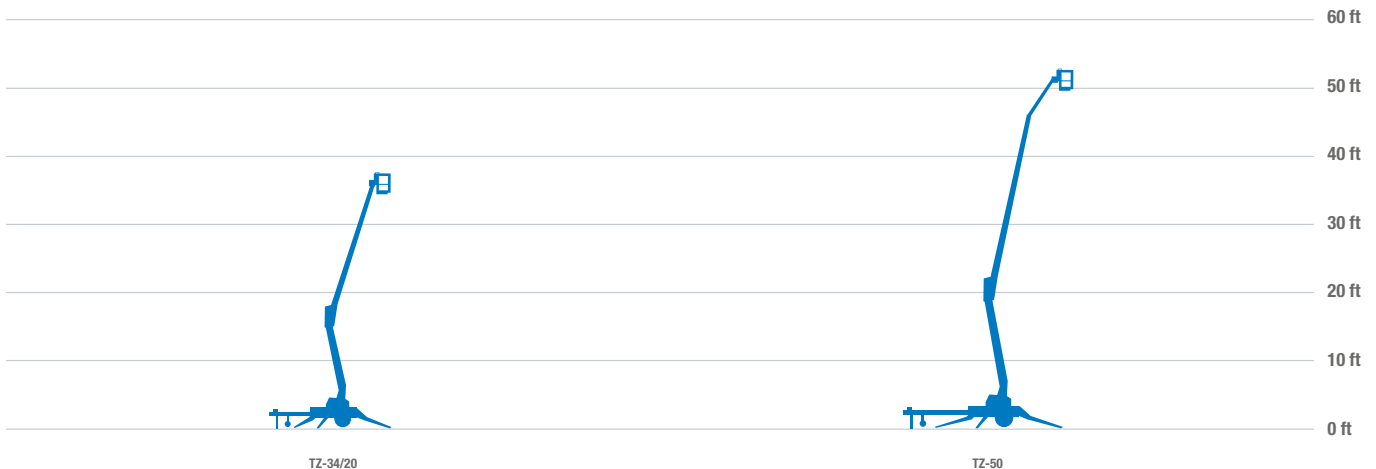
*load sense not available

Specifications

Trailer-Mounted Z[®]-Boom Lifts

MODEL	WORKING HEIGHT		HORIZONTAL REACH		LIFT CAPACITY*							
					STANDARD PLATFORM				WITH OPTIONAL PLATFORM ROTATION			
	US	METRIC	US	METRIC	ANSI/CSA		CE/AUS		ANSI/CSA		CE/AUS	
Trailer-Mounted Z™-Boom Lifts												
TZ™-34/20	40 ft	12.36 m	18 ft 4 in	5.59 m	500 lb	227 kg	440 lb	200 kg	460 lb	209 kg	400 lb	181 kg
TZ™-50	55 ft 6 in	17.09 m	29 ft 2 in	8.89 m	500 lb	227 kg	440 lb	200 kg	500 lb	227 kg	440 lb	200 kg

*Lift capacity varies depending on options and country standards.

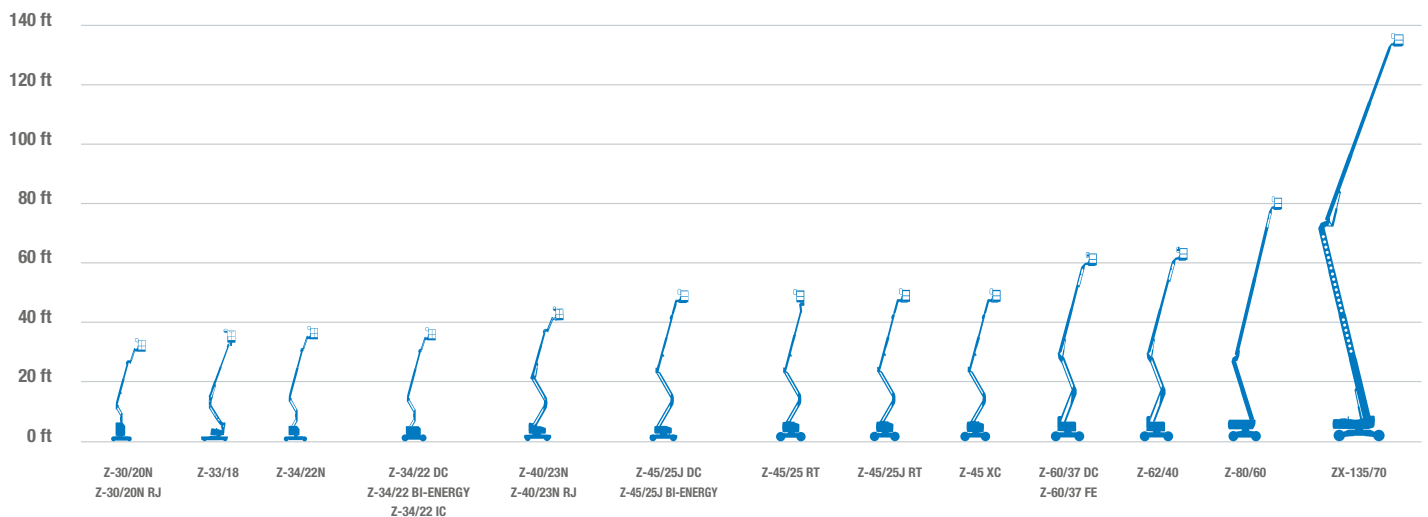


Specifications

Articulating Z[®]-Boom Lifts

MODEL	WORKING HEIGHT		WIDTH		HORIZONTAL REACH		UP & OVER CLEARANCE		LIFT CAPACITY	
	US	METRIC	US	METRIC	US	METRIC	US	METRIC	US	METRIC
Narrow Articulating Z[®]-Boom Lifts										
Z-30/20N	36 ft	11.14 m	3 ft 11 in	1.19 m	21 ft 5 in	6.53 m	12 ft 8 in	3.86 m	500 lb	227 kg
Z-30/20N RJ	35 ft 2 in	10.89 m	3 ft 11 in	1.19 m	20 ft 6 in	6.25 m	12 ft 8 in	3.86 m	500 lb	227 kg
Z-34/22N	40 ft 6 in	12.52 m	4 ft 10 in	1.47 m	22 ft 3 in	6.78 m	15 ft 2 in	4.62 m	500 lb	227 kg
Z-40/23N	46 ft 5 in	14.32 m	4 ft 11 in	1.50 m	22 ft 8 in	6.91 m	21 ft 3 in	6.48 m	500 lb	227 kg
Z-40/23N RJ	46 ft 5 in	14.32 m	4 ft 11 in	1.50 m	22 ft 8 in	6.91 m	24 ft 3 in	7.39 m	500 lb	227 kg
DC And Bi-Energy Articulating Z[®]-Boom Lifts										
Z-33/18	38 ft 10 in	12 m	4 ft 11 in	1.50 m	18 ft 3 in	5.57 m	14 ft 1 in	4.28 m	440 lb	200 kg
Z-34/22 DC	40 ft 6 in	12.52 m	5 ft 8 in	1.73 m	22 ft 3 in	6.78 m	15 ft	4.57 m	500 lb	227 kg
Z-34/22 BI-ENERGY	40 ft 6 in	12.52 m	5 ft 8 in	1.73 m	22 ft 3 in	6.78 m	15 ft	4.57 m	500 lb	227 kg
Z-45/25J DC	51 ft 8 in	15.92 m	5 ft 10.3 in	1.79 m	25 ft 1 in	7.65 m	22 ft 1 in	6.73 m	500 lb	227 kg
Z-45/25J BI-ENERGY	51 ft 8 in	15.92 m	5 ft 10.3 in	1.79 m	25 ft 1 in	7.65 m	22 ft 1 in	6.73 m	500 lb	227 kg
Z-45 XC™	51 ft 8 in	15.92 m	5 ft 10.3 in	1.79 m	25 ft 1 in	7.65 m	22 ft 1 in	6.73 m	500 lb	227 kg
Z-60/37 DC & FE	65 ft 7 in	20.16 m	8 ft 2 in	2.49 m	36 ft 7 in	11.15 m	23 ft 1 in	7.04 m	500 lb	227 kg
Engine-Powered Articulating Z[®]-Boom Lifts										
Z-34/22 IC (2 WD)	40 ft 6 in	12.52 m	5 ft 8 in	1.73 m	22 ft 3 in	6.78 m	14 ft 11 in	4.55 m	500 lb	227 kg
Z-34/22 IC (4 WD)	40 ft 10 in	12.62 m	6 ft 1 in	1.85 m	22 ft 3 in	6.78 m	15 ft	4.57 m	500 lb	227 kg
Z-45/25J RT	52 ft 1 in	16.05 m	7 ft 6 in	2.29 m	24 ft 8 in	7.52 m	23 ft 5 in	7.14 m	500 lb	227 kg
Z-62/40	67 ft 11 in	20.87 m	8 ft 2 in	2.49 m	40 ft 5 in	12.42 m	25 ft 7 in	7.8 m	500 lb	227 kg
Z-80/60	84 ft	25.77 m	8 ft 2 in	2.49 m	60 ft	18.29 m	29 ft	8.83 m	500 lb	227 kg
ZX™-135/70	141 ft	43.15 m	8 ft 2 in*	2.47 m*	69 ft 9 in	21.26 m	75 ft 6 in	23.01 m	600 lb	272 kg

*Axles retracted



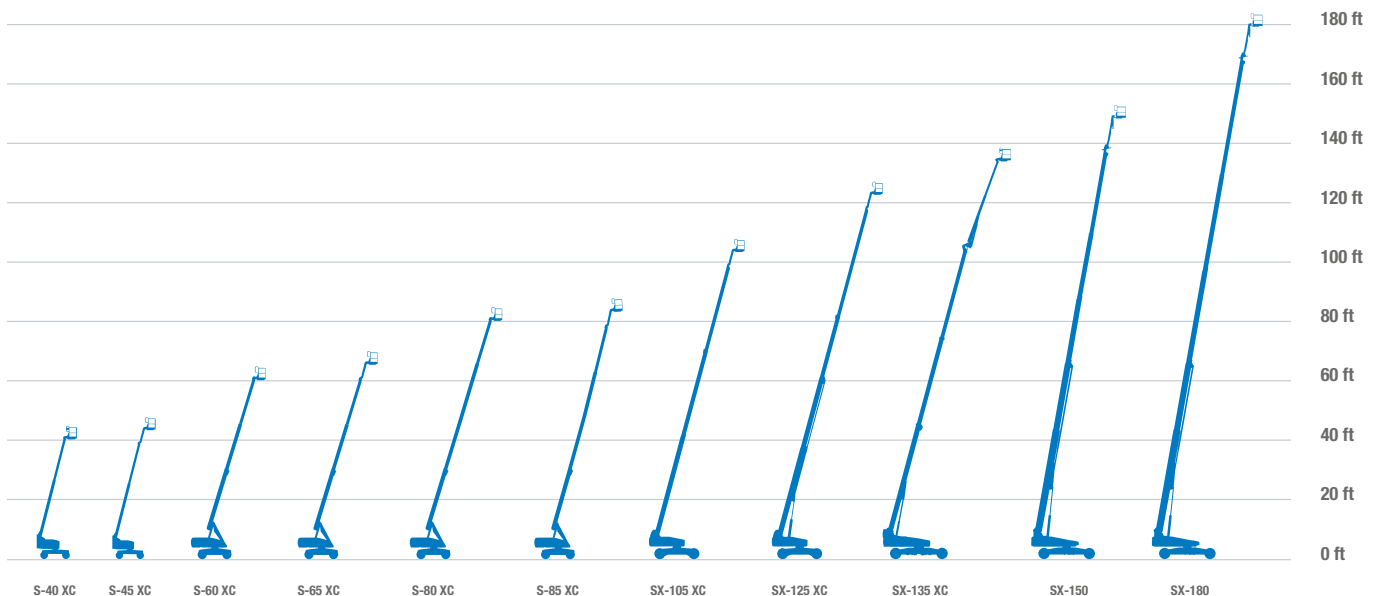
Specifications

Telescopic S[®]-Boom Lifts

MODEL	WORKING HEIGHT		WIDTH		HORIZONTAL REACH		LIFT CAPACITY	
	US	METRIC	US	METRIC	US	METRIC	US	METRIC
Stick Telescopic S[®]-Boom Lifts								
S-40 XC	46 ft	14.19 m	7 ft 6 in	2.30 m	31 ft 8 in	9.67 m	660/1,000 lb	300/454 kg
S-45 XC	51 ft	15.72 m	8 ft 2 in	2.49 m	36 ft 2 in	11.02 m	660/1,000 lb	300/454 kg
S-60 XC	65 ft 8.5 in	20.20 m	8 ft 2 in	2.49 m	50 ft 10 in	15.49 m	500/1,000 lb**	227/454 kg**
S-65 XC	71 ft 1 in	21.84 m	8 ft 2 in	2.49 m	54 ft 2 in	16.51 m	500/1,000 lb**	227/454 kg**
S-80 XC	86 ft	26.38 m	8 ft 2 in	2.50 m	68 ft 4 in	20.83 m	500/1,000 lb**	227/454 kg**
S-85 XC	91 ft	27.74 m	8 ft 2 in	2.50 m	74 ft 6 in	22.71 m	500/1,000 lb**	227/454 kg**
Super Telescopic S[®]-Boom Lifts								
SX-105 XC	111 ft 2 in	34 m	8 ft 2 in*	2.49 m*	80 ft	24.38 m	660/1,000 lb**	300/454 kg**
SX-125 XC	131 ft 2 in	40.1 m	8 ft 2 in*	2.49 m*	80 ft	24.38 m	660/1,000 lb**	300/454 kg**
SX-135 XC	141 ft	43.15 m	8 ft 2 in*	2.49 m*	90 ft	27.43 m	660/1,000 lb**	300/454 kg**
SX-150	158 ft	48.33 m	8 ft 2 in*	2.49 m*	80 ft	24.38 m	750 lb	340 kg
SX-180	186 ft	56.69 m	8 ft 2 in*	2.49 m*	80 ft	24.38 m	750 lb	340 kg

* Axles retracted

** Maximum outreach zone / maximum capacity zone



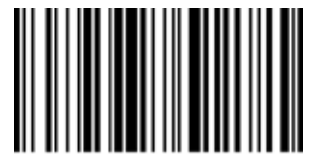
Worldwide Manufacturing And Distribution

Australia · Brazil · Caribbean · Central America · China · France · Germany · Italy · Japan · Korea · Mexico
Southeast Asia · Spain · Sweden · United Arab Emirates · United Kingdom · United States

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

6464 185th Ave. NE, Redmond, WA 98052

Effective Date: January, 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. Terex, Genie, Taking You Higher and other marks are trademarks of Terex Corporation or its subsidiaries. © 2019 Terex Aerial Work Platforms. GPB 3K 0109M. Part No. 109301.



02120801



TAKING
YOU **HIGHER**TM

LEARN MORE AT GENIELIFT.COM