

REACH AND RELIABILITY

GENIE® BOOM LIFTS



Genie®
A TEREX BRAND

TAKING
YOU **HIGHER**®

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Customers Come First

Dedicated to Your Success

Our dedication to taking you higher extends well beyond the physical reach of our products. We thrive on building satisfying customer relationships because you, our customer, are at the center of everything we do.

For more than 50 years, Genie has been developing products to solve worksite challenges – and that process never ends. Our team of product managers and engineers design new products, featuring the latest technology to meet your changing needs. Then we manufacture those products to stringent standards that help increase quality, lower costs and give you exceptional value for years to come.

New Era with New Opportunities

Industry standards set a safety level for all participants in the market. For decades, regional industry standards have provided best practices for safe, reliable access to work at height. The move closer toward one common standard will bring global markets closer together, driving commonality and stronger market competition.

To make sure our equipment is working for you, when and where you need it, all Genie® booms comply with the guidelines in the ANSI A92.20 and CSA B354.6 industry standards in North America, as well as the European EN280, Australian AS 1418.10 and Chinese- and Asia-specific standards.

Providing Superior Value

Our commitment doesn't end with the sale. Our dedicated service teams are available 24 hours a day, 365 days a year to provide support when you need it most. In addition, our extensive parts network ships most parts within 24 hours. Simply put, we're always working to help increase your uptime so you can be more successful.

Genie is driven by one goal: doing the right thing, at the right time for our customers. That's not just what we do; it's who we are. So tell us what you need. We're listening.



Setting the Standard: Terex Aerial Work Platforms (AWP) manufactures some of the most advanced, highest-valued lift equipment in the industry. Genie lifts set the standard for performance and durability — not to mention support from people who understand your business.



Up, Around and Over

Offering industry-leading extra capacity, height and reach capabilities, as well as innovative electric, hybrid or engine-powered technologies, Genie® boom lifts provide the most reliable performance and exceptional productivity. Whether you need to lift up, over and out, Genie booms provide the most precise positioning for ultimate versatility. Whatever the job – indoor, outdoor or rough terrain applications – there's a Genie boom lift for every job.

Genie articulating Z®-boom lifts provide the ultimate in versatility with up, out and over positioning capabilities for hard-to-access work areas. Genie telescopic S®-boom lifts are engineered to enhance working efficiency and offer greater horizontal outreach than any other type of aerial platform. With easy-to-travel mobility, Genie trailer-mounted Z-boom lifts feature an outstanding operating envelope and are your best value to reach jobs high and low.

All of our booms can be customized with a variety of options and packages to fit your individual job site needs.

Genie revolutionized the industry with the first articulating boom and remains a world leader in lifts.

Narrow Access Solutions

Drive through standard doorways, work close to buildings or around obstacles, and access overhead work from aisles and other congested areas. It's all possible with Genie® narrow electric lifts. From tight turning to a rotating platform, these booms are designed with features that make it easy to maneuver precisely where you need to work. Working heights range from 35 ft 2 in (10.87 m) to 46 ft 5 in (14.32 m).



Maneuverable and Lightweight

The lightweight electric Genie Z®-33/18 boom lift is highly maneuverable and well-suited to tasks on sensitive surfaces – such as in airports, shopping centers and theatres – where space is restricted, plus routine outdoor maintenance tasks. It was designed from the ground up to combine lightweight, compact dimensions with powerful low-consumption motors, shorter ground-to-top lifting time with the Genie Fast Mast™ boom system, plus improved ergonomic features and easy-to-access machine components to speed up troubleshooting and servicing.



Exceptional Control

Proportional lift and drive controls allow precise positioning of the boom and smooth drive performance. For added flexibility, the energy-saving Genie Z-40/23N boom lift control system allows efficient operation of multiple functions at the same time — which allows you to get the job done faster.

The Genie Z-40/23N model was the first in the industry to feature the efficient AC drive system.

Precise Positioning

The self-leveling platform of our Genie® Z®-30 and Z-34 models rotates 90° to either side, while the jib boom moves 130° to 139° vertically, depending on the model. The 4 ft (1.22 m) jib moves horizontally 180° on rotating jib (RJ) models for extra working range. Proportional controls allow you to control the speed of each function and make smooth, precise adjustments in tight areas.



Reliable Electric Drive Systems

Several models feature a 48V DC electric drive system, which can be freely used in areas where quiet, emission-free operation is important. The Genie Z-40/23N model was the first in the industry to feature an AC drive system, which combines DC batteries with 3-phase AC drive motors for quiet, more energy efficient operation and longer battery life. This advanced system yields better drive speed and gradeability, and the drive wheels work independently for excellent traction control.



Tight Access Maneuverability

The electric boom line includes a variety of narrow models ideal for the tight and confined work areas. These compact designs feature a tight turning radius with zero tailswing on most models for easy maneuvering through narrow aisles and standard doors.

Narrow Models Available

[Z-30/20N](#)
[Z-30/20N RJ](#)
[Z-34/22N](#)
[Z-40/23N](#)
[Z-40/23N RJ](#)

Power Options for Demanding Jobs

Change the way you feel about alternatively powered booms. The market is looking for cleaner, greener and quieter equipment in the field, especially for indoor applications, and Genie has responded.

Our electric and hybrid-powered booms provide the obvious benefits: Energy efficiency, quiet operation, lower weight and lower cost.

Our efficient DC machines offer quiet, emission-free operation in the most sensitive work environments. And for industrial applications where the machines must be driven significant distances, the Genie® FE hybrid system combines the benefits of a 48V DC machine with the power of a diesel generator.

These units handle challenging jobs all day long, giving you the power to get where you need to go quickly and easily, boasting excellent maneuverability with limited or zero tailswing. Working heights range from 38 ft 10 in (12 m) to 65 ft 7 in (20.16 m).



Access and Maneuverability

These models offer ideal up and over reach in confined work spaces. Minimal tailswing means there is less of a need to reposition the lift when rotating the turntable in crowded areas. And, the compact size suits applications where a lower machine weight is needed.



Multiple power options meet the demands of a variety of indoor and outdoor applications.



Precise Positioning and Control

The self-leveling platform rotates 90° to either side on non-jib models. On jib models, the jib moves 135° to 139° vertically, depending on the model, and rotates 90° to either side. Proportional lift and drive controls allow you to determine the speed of each function and make smooth, precise movements to position yourself exactly where you need to work.



Quiet, No Emissions Design

Thanks to their quiet, no emissions design, Genie electric and hybrid booms are great assets for malls, construction sites, sport arenas, manufacturing plants, and even challenging pedestrian areas with the demand for low noise and clean performance. And, fast charging means you can get a full charge on these machines quickly.



Powerful Electric Solutions

Thoughtfully designed, these booms take advantage of the strengths and history of our boom lift product line, offering customers the right equation of maximized range of motion, drive abilities, quiet performance, energy efficiency, jobsite versatility and cost effectiveness.

DC Models Available

[Z-33/18 DC](#) | [Z-34/22 DC](#) | [Z-45 DC](#) | [Z-45/25J DC](#) | [Z-60 DC](#)

Be Ready For Anything – Indoor and Outdoor

Although there are various electric boom lifts available, get ready for a true breakthrough in hybrid electric and full electric power. The Genie® Z®-45 DC, Z-45 FE, Z-60 DC and Z-60 FE (fuel-electric hybrid booms) bring a new and unrivaled terrain capability that seamlessly transitions from an off-road, hill-climb to quiet, emission-free indoor use. These booms deliver the drive performance you expect from a traditional diesel-powered unit.



A Revolutionary Approach

These models are sufficiently versatile to handle multiple tasks ranging from work on rough and unprepared ground to indoor applications where reduced noise and emissions levels are necessary while offering an extremely cost-efficient solution designed to provide high rental returns you expect from Genie mid-sized booms.



Go Anywhere Capability

Don't underestimate the performance of these machines: A rugged 4-wheel drive machine with fully sealed AC drive motors that can still perform while submerged under water. They are able to go 25% faster and climb slopes better than typical diesel-powered units.

These models come with all-terrain, foam-filled non-marking tires for those interior applications. The flexibility of these machines make them one of the first on a jobsite – and one of the last off.

Operator Capabilities

The platforms on the boom lifts come in 6-ft (1.8 m) or 8-ft (2.4 m), both featuring a 500-lb capacity – that's two people accessing the entire working envelope. In addition, the jib provides a high range of motion, 70° up and 55° down.



Machine Capabilities

These booms are equipped with two unique features that enhance these machines' operating capabilities: A dual parallel link design so you can track up and down a building by just raising or lowering your secondary, and the Genie Fast Mast™ system, a productivity feature that enables you to move the boom from full height to below grade – and from below grade to full height with the secondary boom fully raised.

Electric and Hybrid Models Available

Z-45 DC

Z-45 FE

Z-60 DC

Z-60 FE

Excellent Positioning Meets Superior Handling

Genie® engine-powered articulating Z®-boom lifts provide lifting versatility with a stunning combination of up, out and over positioning capabilities and extensive outreach. They also offer high ground clearance, two- or four-wheel drive options and rough terrain features for easy travel over irregular ground. Ideal for outdoor construction and industrial applications, these units have working heights between 40 ft 6 in (12.52 m) and 67 ft 11 in (20.87 m) and reach out a maximum of 22 ft 3 in (6.78 m) to 40 ft 5 in (12.32 m).



Performance and Terrainability

Get the job done faster and more efficiently with a powerful combination of speed and gradeability. The full-time positive drive traction system and active oscillating axle work together based on ground conditions to help keep the machine moving without losing traction on rough terrain (oscillating axle optional on some models. Not available on Genie Z-34/22 IC).



Jobsite Performance

The Genie Z-62/40 boom lift delivers impressive horizontal reach, up-and-over reach, and zero tailswing for rough terrain performance in tight spaces. The Genie Fast Mast™ system quickly gets workers from ground to max height for additional productivity performance. It will also cut service time with the easy access engine and hydraulics.

Improvements Come Standard

Modernized for exceptional jobsite performance, reliability and quality, the Genie® Z®-62/40 boom lift has a working height of 67 ft 11 in (20.87 m) and provides more horizontal outreach with a maximum of 40 ft 5 in (12.42 m). It delivers excellent up and over clearance of 25 ft 7 in (7.8 m) with a maximum lift capacity of 500 lb (227 kg). This boom lift offers zero rear tail swing and minimal front turntable nose swing in the stowed position and has a below ground reach of as much as 5 ft 6 in (1.68 m). All of these features are available on a machine that weighs only 22,185 lb (10,063 kg) and stows to the compact size of 24 ft 10 in (7.57 m) with the jib tucked.



Convenient Serviceability

Genie booms are designed with service efficiency in mind. Every machine features excellent access to service points, so your service team can get in and finish tasks quickly. Swing-out engine trays and ground control panels bring components within easy reach. Related parts are located together – such as hydraulic filters or engine fuses and relays – for efficiency. Plus, many parts are common across the Genie product line, so you can stock less and save time.



Lifting Versatility

In response to customer performance demands, the Genie Z-62/40 boom broadens the reach of engine-powered booms. The model adds 1.5 ft (0.46 m) of working height and four feet of horizontal outreach to its predecessor, while still delivering speedy ground-to-top lifting time with the Genie Fast Mast™ boom system, excellent up and over clearance and minimal to zero swing in its compact stowed position. With a Tier 4 Final compliant engine, it is ready to meet a multitude of jobsite needs.

Engine-Powered Models Available

[Z-34/22 IC](#)
[Z-45/25 RT](#)
[Z-45/25J RT](#)
[Z-45 XC](#)
[Z-45 HF](#)
[Z-62/40](#)

Ultimate Lifting Versatility

The largest of the Genie® engine-powered articulating Z®-boom lifts, these models provide a large range of motion on a compact footprint - with features such as telescoping jib and mini XChassis. Powerful and efficient engine options, plus true four-wheel drive and four-wheel steer take you to the work area efficiently, even across confined jobsites and rough terrain surfaces. And the Genie Z-boom design provides excellent up and over positioning from 29 ft (8.83 m) on the Z-80/60 model to 75 ft 6 in (23.01 m) on the class leading ZX™-135/70 model.



XChassis™ Expanding Axles

Providing exceptional height on a compact footprint, all 100 ft and above Genie boom lifts now use the XChassis™ or Mini XChassis expanding axle system. This next generation system replaces the outdated and difficult-to-service extending tube axle designs found throughout the industry.

Advanced, yet Simple Controls

Machine controls are consistent and intuitive across all sizes of Genie booms, making operation of even the largest booms easy and straightforward. And, an onboard digital screen helps maximize uptime by providing clear menus, fault codes, and machine settings.



Traction for Rough Terrain

Four-wheel drive with full-time positive traction handles rough ground conditions to enhance the smoothness of the ride. The full time active oscillating axle on the Genie Z-80/60 lift increases wheel contact on irregular terrain. To provide additional maneuverability, four-wheel steer comes standard on the Genie ZX-135/70 lift, and optional on the Genie Z-80/60 lift, with four true steer modes: front wheel, rear wheel, crab, and coordinated.

Powerful Engine Options

Efficiently sized diesel engines such as the turbocharged Deutz option give you the power and performance needed on harsh jobsites, without the use of costly diesel exhaust fluid systems required on higher horsepower engines. For sensitive environments, dual-fuel options are available on the Genie Z-80/60 model.

The Genie Jib-Extend™ telescoping jib extends from 12 to 20 ft (3.66 to 6.10 m) - providing outstanding reach and up-and-over clearance.

Outstanding Reach and Up-and-Over Clearance

The Genie® Jib-Extend™ telescoping jib on the Genie ZX™-135/70 model extends from 12 to 20 ft (3.66 to 6.10 m) and provides a 110° vertical range of motion to reach “up, over and in” applications inaccessible by a traditional jib. The Genie Z®-80/60 model has an innovative reverse-articulating secondary boom for 29 ft (8.83 m) of up and over reach with zero front arm swing.

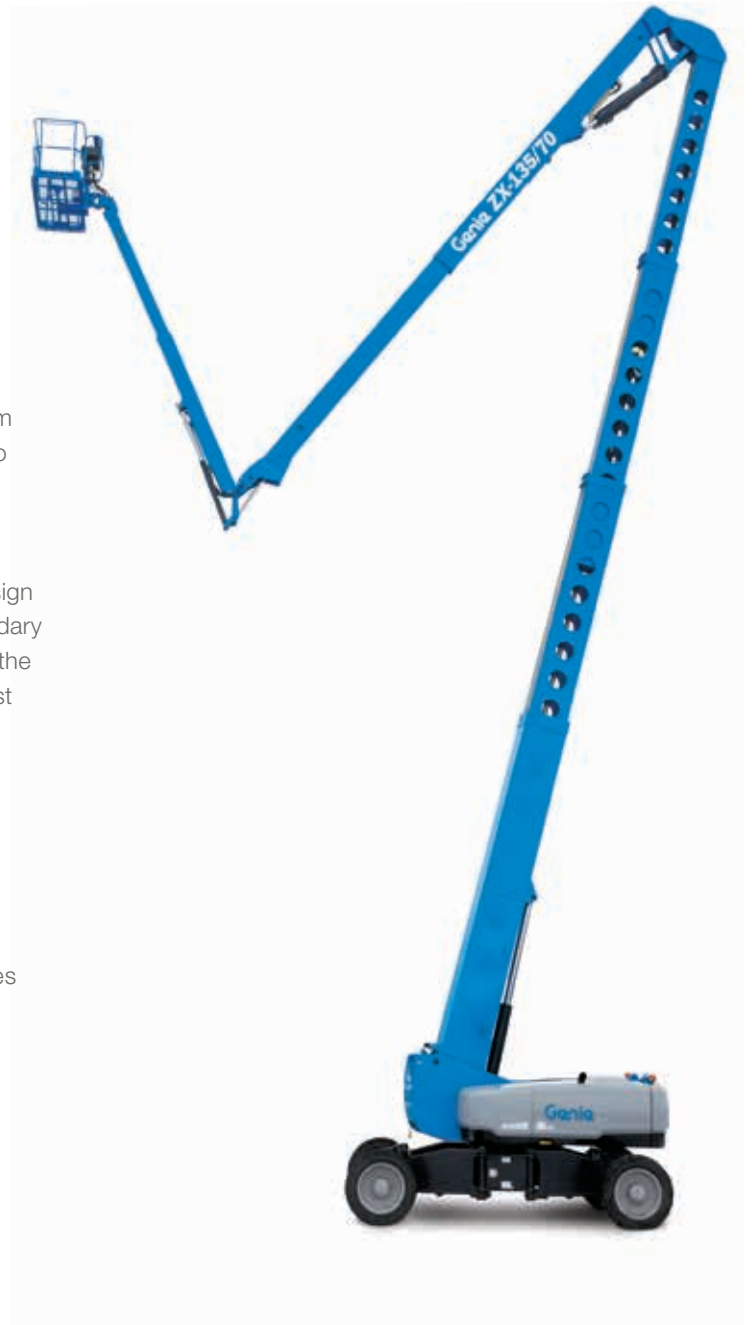


Lift And Lower

The Genie Fast Mast™ system allows you to lower the platform to the ground without having to lower the secondary boom – so operators can ascend and descend quickly and efficiently. In addition, this timesaving design raises both primary and secondary booms simultaneously to help the operator reach full elevation fast and increase productivity.

Quick, Flexible Positioning

The Genie ZX-135/70 boom features a class-leading 600 lb unrestricted platform capacity at maximum vertical height and maximum horizontal reach, and the Genie Z-80/60 booms features 500 lb (227 kg) platform capacity throughout the entire working envelope. Both models have 360° continuous rotation turntables and 160° horizontal platform rotation for fast, easy positioning. Multiple platform sizes are available, with an 8 ft (2.44 m) tri-entry platform with side swing gate standard.



Engine-Powered Models Available

[Z-80/60](#) | [ZX-135/70](#)

Outstanding Horizontal Outreach

Telescopic booms offer greater horizontal outreach than any other type of aerial platform – perfect for areas with limited access in construction and industrial applications. Genie® telescopic S®-boom lifts are designed for productivity, reaching the industry's furthest horizontal distance of 90 ft (27.43 m), with working heights of up to 186 ft (56.86 m).



Range of Motion

Built to safely and quickly lift operators to full platform height, Genie telescopic booms can position workers and gear exactly where needed. Our innovative designs offer operators a working envelope ideal for the most extreme access jobs. The Genie Telescoping Jib-Extend™ jib, offers operators up and over capabilities, as well as exceptional jib articulation. And on many models, working envelopes have been increased with extended reach out and down capabilities.

Superior Reach and Positioning

Exceptional horizontal outreach and a rotating, self-leveling platform allow precise positioning exactly where you need to work. For added flexibility, the articulating jib boom option gives you an extra 5 ft (1.52 m) of horizontal or vertical reach and 135° of working range.



Capacity without Compromise

Telescopic booms offer the greatest amount of horizontal reach when compared to other boom lift designs, and Genie® S®- telescopic booms respond to a growing market trend for maximum combination of height and outreach. With platform capacities ranging from 500 lb (227 kg) to 1,000 lb (454 kg), and industry-leading reach capabilities of up to 90 ft (27.4 m) and the ability to lift up to 180 ft (55.9 m), our booms address the market's need to enable operators to work at height safely with increasingly heavy loads – through a full working envelope. And, we have engineered these booms to expand opportunities to reach aerial worksites from a distance, where the terrain or obstacles prevent close access.

Maneuver in Tight Spaces

For jobs in confined spaces, Genie boom lifts allow operators to turn full-circle to reach tasks quickly with the 360° continuous rotation turntable. Reduced tailswing also makes these units easy to work in tight work areas. Plus, with fixed-width axles, simply unload from the transport trailer and go. There's no need for additional setup effort.

Get Indoor/Outdoor Flexibility

If you work on both indoor and outdoor jobsites, consider a unit with a dual-fuel engine. Simply flip the switch on the control panel to choose gasoline or LPG operation.

Genie telescopic booms deliver industry-leading outreach and capacity throughout a full-working envelope for incredible operational accessibility.

Engine-Powered Models Available

J Series	S-60 J								
Xtra Capacity™	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
High Float	S-40 HF	S-45 HF	S-60 HF	S-65 HF	S-80 HF	S-85 HF			
XChassis™	SX-150	SX-180							

Meet the Kings of Capacity

Responding to customer demand worldwide for higher capacity aerial work platforms, Genie® Xtra Capacity™ (XC) booms are designed to work in more applications that require higher capacities. And, we've done it with a focus on user interface and simplicity to make the machines easy to use and deliver the high rental return on invested capital (rROIC) that your business relies on. Easy to spot on your rental yards and on your customers' jobsites, all Genie XC booms combine the benefits of a dual-envelope design to provide an unrestricted platform capacity of 660 lb (300 kg) and a restricted capacity of 1,000 lb (454 kg) to reduce the number of lift cycles and amount of equipment needed to get tools and materials to aerial worksites. Doing more with a single unit saves time and increases productivity.



The Lifts You've Been Weighting For

The Genie XC™ jib designs allow precise positioning while completing work that requires additional platform weight, with a unique 1,000 lb (454 kg) capacity.

In addition, new design standards require boom lifts to have a load sense system which continuously monitors the weight in the platform. Genie XC products make this simple with a load sense cell that continuously checks the weight in the platform and adjusts the allowable range of motion to match the load chart. This increases performance, decreases calibration time and improves overall productivity, with zero-load field calibration.

	Industry Standard Capacity* 500 lb	Genie XC boom - Max Outreach 660 lb	Genie XC boom - Max Capacity 1,000 lb
 Base Basket: 210 lb operator, 240 lb operator, tool bucket (30 lb) = 480 lb	YES	YES	YES
 Rough Framing/Welding Work Welding Equipment (75 lb) + Welding Tanks (105 lb) = 660 lb	NO	YES	YES
 Electrical Work Cable Spool with Copper Core (150 lb) = 630 lb	NO	YES	YES
 Window/Siding Work Panel Cradle (16 lb) + 3 sheets of drywall (225 lb) = 721 lb	NO	NO	YES
 HVAC Aluminum HVAC Section (50 lb) + additional 350 lb operator = 880 lb	NO	NO	YES
 Base Basket: 180 lb operator, 210 lb operator, tool bucket (30 lb) = 420 lb	YES	YES	YES
 Window/Siding Work Panel Cradle (16 lb) + Window (200 lb) = 636 lb	NO	YES	YES
 Plumbing Work Pipe Cradle (12 lb) + 8' steel piping (150 lb) + Bucket of Fittings (45 lb) = 627 lb	NO	YES	YES
 Other Work 40 bricks (200 lb) = 620 lb	NO	YES	YES

*Typical unrestricted capacity on models equipped with a jib (e.g., JLG 1200SJ)

XC | XTRA
CAPACITY™

Enhanced Operation Over 100 Ft

The 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

Power and Terrainability

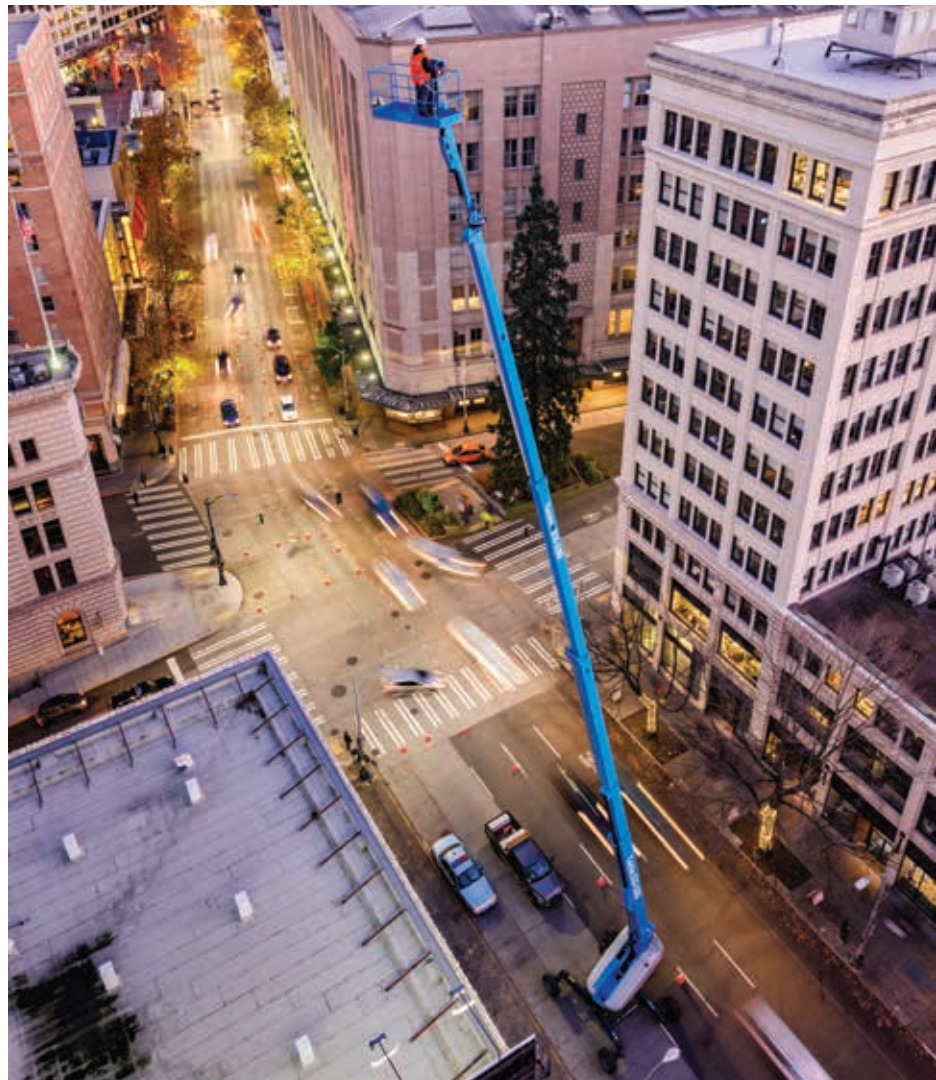
Delivering maximum reach and exceptional maneuverability, Genie® SX™-150 and SX-180 telescoping booms feature Genie XChassis™ expanding axle systems with true four-wheel drive and four-wheel steer capabilities, rugged diesel engine options, and a range of application specific platform options. With horizontal 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.

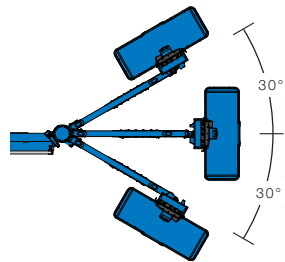


The horizontal outreach of these large Genie booms is the industry's best-in-class at 80 ft (24.38 m) with a platform capacity of 750 lb (340 kg).



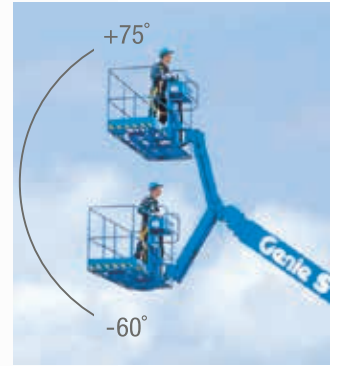
Rotating Jibs for Precise Positioning

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**

Essential Performance Work at Height

Right-sized for completing work-at-height applications, such as general construction, maintenance, inspection, painting and tree-trimming tasks, the new Genie® S®-60 J telescopic boom offers the essential performance that operators need to get work done at height. With a standard 6 ft (1.8 m) jib, which leads the class in length and capacity for the 60-ft (18.3 m) height class, the Genie S-60 J model offers a platform height of 60 ft 10 in (18.5 m) and horizontal reach of 40 ft 6 in (12.3 m), providing access where it's needed.



Leading Unrestricted Platform Capacity

The new Genie S-60 J offers the right formula to get work done at height, including leading unrestricted platform capacity of 660 lb (300 kg), allowing for two occupants plus tools.



Fully Capable

The compact, low weight design (16,650 lb / 7,550 kg) keeps ground pressure low when operators are working in more sensitive ground conditions. And rental companies can fit two units on one equipment transportation truck, reducing shipping costs and increasing rROIC. With 1 ft 10 in (56.4 cm) of ground clearance, the Genie S-60 J boom easily clears rocks, curbs, trailer break-overs and other obstacles.



Simple to Maintain

Designed for a low total cost of ownership, the double boom, single envelope mast design on the Genie S-60 J telescopic boom speeds up inspections, maintenance and repairs with less overall inspection points and wearable components, reducing costly downtime.

J Series Models Available

S-60 J

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, S-85 HF and Z®-45 HF boom lifts 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 | Z-45 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 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

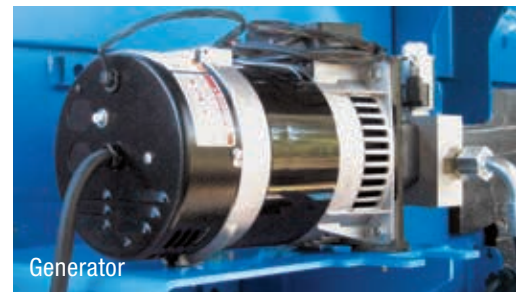
Hydraulic-driven generator option supplies power to the platform for operating tools without relying on an outside power source and extension cords.

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).

Platform accessories include:

- ▶ Auxiliary Top Railing
- ▶ Plate Glass and Panel Cradle Package
- ▶ Platform Control Box Cover
- ▶ Air Line to Platform
- ▶ 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

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.

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*

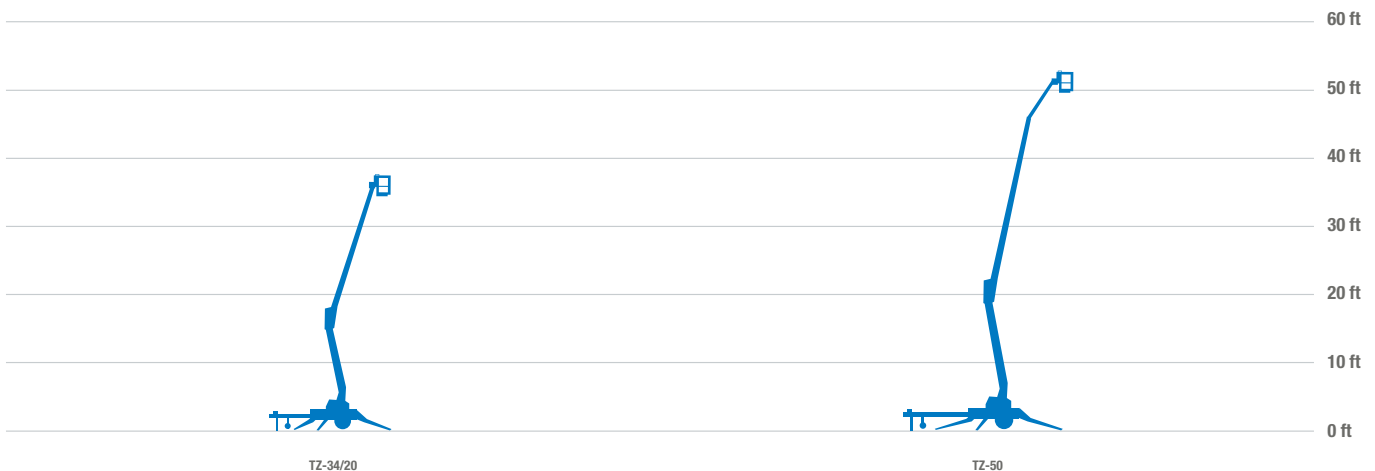
*load sense not available

Specifications

Trailer-Mounted Z[®]-Boom Lifts

MODEL	WORKING HEIGHT		HORIZONTAL REACH		LIFT CAPACITY*							
					STANDARD PLATFORM				WITH OPTIONAL PLATFORM ROTATION			
					ANSI/CSA		CE/AUS		ANSI/CSA		CE/AUS	
	US	METRIC	US	METRIC	US	METRIC	US	METRIC	US	METRIC	US	METRIC
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.

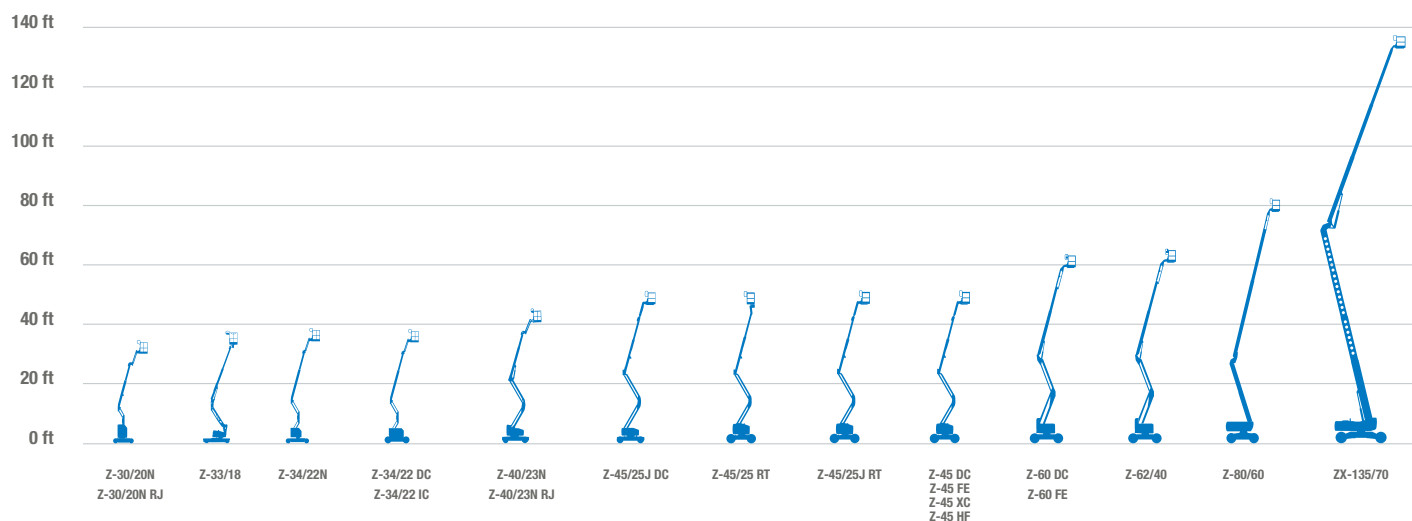


Specifications

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 3 in	4.65 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	21 ft 3 in	6.48 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-45/25J DC	51 ft 9 in	15.94 m	5 ft 10.3 in	1.79 m	25 ft 1 in	7.65 m	23 ft 9 in	7.24 m	500 lb	227 kg
Z-45 DC & FE	51 ft 8 in	15.92 m	7 ft 6 in	2.29 m	22 ft 9 in	6.94 m	24 ft 7 in	7.50 m	660 lb	300 kg
Z-60 DC & FE	65 ft 7 in	20.16 m	8 ft 2 in	2.49 m	36 ft 7 in	11.15 m	24 ft 3 in	7.39 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	15 ft	4.57 m	500 lb	227 kg
Z-34/22 IC (4 WD)	40 ft 7 in	12.54 m	6 ft 1 in	1.85 m	22 ft 3 in	6.78 m	15 ft 1 in	4.6 m	500 lb	227 kg
Z-45/25J RT	51 ft 6 in	15.86 m	7 ft 6 in	2.29 m	24 ft 8 in	7.52 m	23 ft 7 in	7.14 m	500 lb	227 kg
Z-45/25 RT	51 ft 10 in	15.97 m	7 ft 6 in	2.29 m	24 ft 7 in	7.49 m	23 ft 5 in	7.14 m	500 lb	227 kg
Z-45 XC™	51 ft 6 in	15.86 m	7 ft 6 in	2.29 m	24 ft 9 in	7.55 m	24 ft 5 in	7.44 m	660/1,000 lb	300/454 kg
Z-45 HF	51 ft 6 in	15.86 m	8 ft 5 in	2.57 m	24 ft 9 in	7.55 m	24 ft 5 in	7.44 m	600 lb	272 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*	2.49 m*	69 ft 9 in	21.26 m	75 ft 6 in	23.01 m	600 lb	272 kg

*Axles retracted



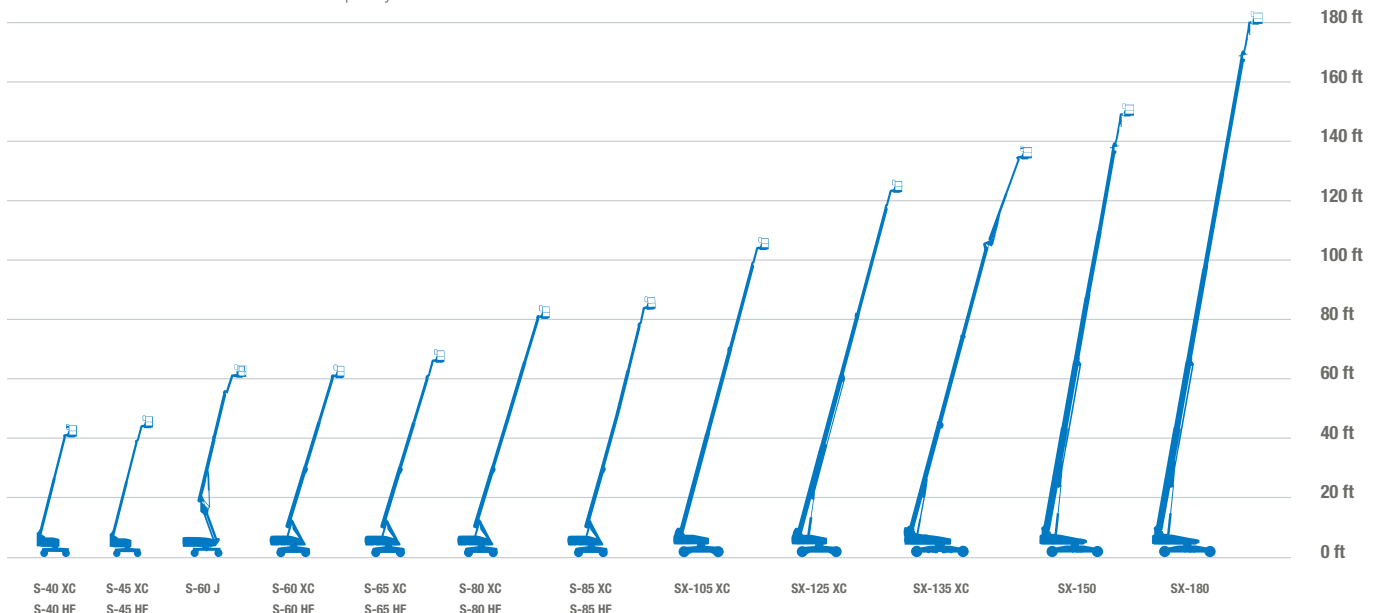
Specifications

Telescopic S[®]-Boom Lifts

MODEL	WORKING HEIGHT		WIDTH		HORIZONTAL REACH		LIFT CAPACITY	
	US	METRIC	US	METRIC	US	METRIC	US	METRIC
J Series Telescopic S [®] -Boom Lifts								
S-60 J	66 ft 10 in	20.5 m	8 ft 2 in*	2.49 m*	40 ft 6 in	12.3 m	660 lb	300 kg
Stick Telescopic S [®] -Boom Lifts								
S-40 XC	45 ft 6 in	13.87 m	8 ft 2 in	2.49 m	31 ft 1 in	9.74 m	660/1,000 lb	300/454 kg
S-40 HF	45 ft 6 in	13.87 m	8 ft 5 in	2.55 m	28 ft 11 in	8.81 m	600 lb	272 kg
S-45 XC	50 ft 6 in	15.39 m	8 ft 2 in	2.49 m	36 ft 2 in	11.02 m	660/1,000 lb	300/454 kg
S-45 HF	50 ft 6 in	15.39 m	8 ft 5 in	2.55 m	34 ft	10.36 m	600 lb	272 kg
S-60 XC	66 ft	20.29 m	8 ft 2 in	2.49 m	48 ft 7 in	14.80 m	660/1,000 lb	300/454 kg
S-60 HF	66 ft 2 in	20.33 m	8 ft 5 in	2.55 m	46 ft 7 in	14.21 m	660/1,000 lb	300/454 kg
S-65 XC	71 ft	21.81 m	8 ft 2 in	2.49 m	54 ft 2 in	16.51 m	660/1,000 lb	300/454 kg
S-65 HF	71 ft 2 in	21.86 m	8 ft 5 in	2.55 m	51 ft 2 in	15.60 m	660/1,000 lb	300/454 kg
S-80 XC	86 ft	26.21 m	8 ft 2 in	2.49 m	68 ft 6 in	20.88 m	660/1,000 lb	300/454 kg
S-80 HF	86 ft	26.21 m	8 ft 6 in	2.59 m	68 ft 6 in	20.88 m	660/1,000 lb	300/454 kg
S-85 XC	91 ft	27.74 m	8 ft 2 in	2.49 m	74 ft 6 in	22.71 m	660/1,000 lb	300/454 kg
S-85 HF	91 ft	27.74 m	8 ft 6 in	2.59 m	72 ft 6 in	22.10 m	660/1,000 lb	300/454 kg
Super Telescopic S [®] -Boom Lifts								
SX-105 XC	111 ft	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	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	56.86 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



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