

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 and CSA B354 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. This technology has also been integrated into the Genie Z-33/18 and Z-60/37 DC & FE booms.

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. This system is also found on the Genie Z-33/18 and Z-60/37 DC & FE booms.

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-34/22 BE](#) | [Z-45/25J DC](#) | [Z-45/25J BE](#) | [Z-60/37 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®-60/37 DC and Z-60/37 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

The Genie Z-60/37 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.

Both Genie Z-60/37 models share the same oscillating axle system as our Genie Z-62/40 and Genie S®-60 family

of boom lifts, so from a drive system standpoint, it will perform very similar to our other rough terrain machines.

Both 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. Combined with 160° of platform rotation, operators have outstanding positioning capabilities at the boom tip with the Genie® Z®-60/37 models.



Machine Capabilities

The Genie Z-60/37 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.

Easy Access

The Genie Z-60/37 models also have a low 23 in (58 cm) tailswing with the boom elevated, which is a lot less than most other booms in this category. They have a lot of the same performance of the popular Genie Z-62/40 model, yet weighs about 5,000 lb (2,268 kg) less, enhancing the efficiency of the low emissions electric system.

Electric and Hybrid Models Available

[Z-60/37 DC](#)

[Z-60/37 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 22,155 lb (10,049 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-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

[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](#) | [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™