

# Up, Around and Over

GENIE BOOM LIFTS



# Customers First Always

## Partnering for 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.

Since 1966, we've been developing products to solve your worksite challenges — and that process never ends. Our team of product managers and engineers uses your input to 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.

## 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.

## New Look Speaks to Genie Products' Strengths

Genie® products set an industry standard for quality, reliability and safety. They are intuitive to operate and straightforward to service. A Genie product conveys these principles to you through considered design at every touchpoint.

Beginning in 2014, you might notice an evolution to the look and feel of many Genie products. We think the new look defines shapes, colors and features of our products in a contemporary way while emphasizing quality, reliability and serviceability — we hope you like it.



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



# Reach and Performance for Every Job

Get the reach and reliable performance you need to get the job done from Genie® articulating and telescopic boom lifts. Electric, hybrid, bi-energy or engine-powered — for indoor, outdoor or rough terrain applications — there's a Genie 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. And all of our booms can be customized with a variety of options and packages to fit your individual job site needs.

Genie trailer-mounted Z-boom lifts feature an outstanding operating envelope, making them your best value to reach jobs high and low. Both the Genie TZ™-34/20 and the TZ-50 boom lifts feature the exclusive Genie Automatic Leveling System™ for self-leveling on any terrain, resulting in a faster setup that gets the job started — and finished — quicker. With easy-to-tow mobility and simple pictograph controls, it's no wonder that Genie trailer-mounted Z-boom lifts take productivity to new heights.

**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, they're 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).



## Exceptional Control

Proportional lift and drive controls allow precise positioning of the boom and smooth drive performance. For added flexibility, the energy-saving 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.



## 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.

**The Genie Z-40/23N models are the first in the industry to feature the efficient AC drive system.**

## Precise Positioning

The self-leveling platform 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 Z™-40/23N models are 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.



## Narrow Models Available

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

# DC Power Options for Demanding Jobs

Our efficient DC machines offer quiet, emission-free operation in the most sensitive work environments. For industrial applications where the machine must be driven significant distances, the Genie® hybrid, bi-energy system combines the benefits of a 48V DC machine with the versatility of a diesel-powered generator. These units handle challenging jobs all day long, giving you the power to get where you need to go quickly and easily with soft-riding pneumatic tires, excellent maneuverability and zero tailswing. Optional non-marking air- and foam-filled tires also make these models great for industrial applications. Working heights range from 40 ft 6 in (12.52 m) to 51 ft 9 in (15.94 m).

## Access and Maneuverability

These models offer ideal up and over reach in confined work spaces. Zero tailswing means there's no 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 80° 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.



### On-Board Battery Charging

The direct electric, 48V drive system provides outstanding battery life between charges. For overnight recharging, the on-board 30 amp universal smart charger automatically adjusts to the input AC voltage and frequency and shuts down when the battery pack is fully charged.



### Power When You Need It

Lift, maneuver and travel all day with the hybrid drive, bi-energy model. The on-board diesel-powered generator acts like a 100 amp battery charger to provide enough electrical power to operate all boom functions, even when the batteries are fully discharged.

## DC Models available

[Z-34/22 DC](#)

[Z-34/22 BI-ENERGY](#)

[Z-45/25 DC](#)

[Z-45/25 BI-ENERGY](#)

[Z-45/25J DC](#)

[Z-45/25J BI-ENERGY](#)

# 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 66 ft 4 in (20.39 m) and reach out a maximum of 22 ft 3 in (6.78 m) to 36 ft 3 in (11.05 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 Z-34/22 IC).



## Job Site Performance

With common components and the same drive system as the S™-40 boom lift, the newly designed Z-45/25 RT boom lift has the 4-wheel drive and braking system you need to work in more places. The 24% increase in tractive effort also allows for greater terrainability.

**Genie was the first in the industry to introduce the rotating jib.**



## The Improved Z™-45/25 RT Boom Lift

Equipped with the latest Tier 4 interim emission standard engine and true 4WD and 4-wheel braking. This redesigned Z-45/25 lift is 1,000 lbs lighter providing improved terrainability.



## 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.



## Rough Terrain Models Available

**Z™-34/22 IC**

**Z-45/25 RT**

**Z-45/25J RT**

**Z-60/34**

# Ultimate Lifting Versatility

The largest of the Genie® engine-powered articulating Z™-boom lifts, these models have outstanding range of motion — with features like a telescoping jib and 360° continuous turntable rotation. Powerful engine options, plus four-wheel drive and four-wheel steer take you to the work area efficiently, even over rough terrain. And the 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 ZX™-135/70 model.



## Exclusive XChassis™ Axle Design

The XChassis expanding axle revolutionizes the mechanism for extending and retracting the axles to and from the stowed position. It combines outstanding stability with the flexibility for easy transport at a stowed machine width of just 8 ft 2 in (2.49 m) on the ZX-135/70 lift model. The Z-80/60 model offers fixed-width axles for convenient transport.

## Advanced Controls

The ALC 1000 electronic control system provides menu-based adjustments for machine and component calibration as well as on-screen multi-language system diagnostics.



## Traction for Irregular 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 Z-80/60 lift increases wheel contact on irregular terrain. Four-wheel steer comes standard on the ZX-135/70 lift, with front wheel, rear wheel, crab and coordinated steer options available to provide additional maneuverability.

## Powerful Engine Options

Quiet diesel engines like the turbocharged Deutz option give you more power and increased performance at higher altitudes, as well as plenty of torque for superior gradeability and terrainability. Dual fuel options are available on the Z-80/60 lift 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.**

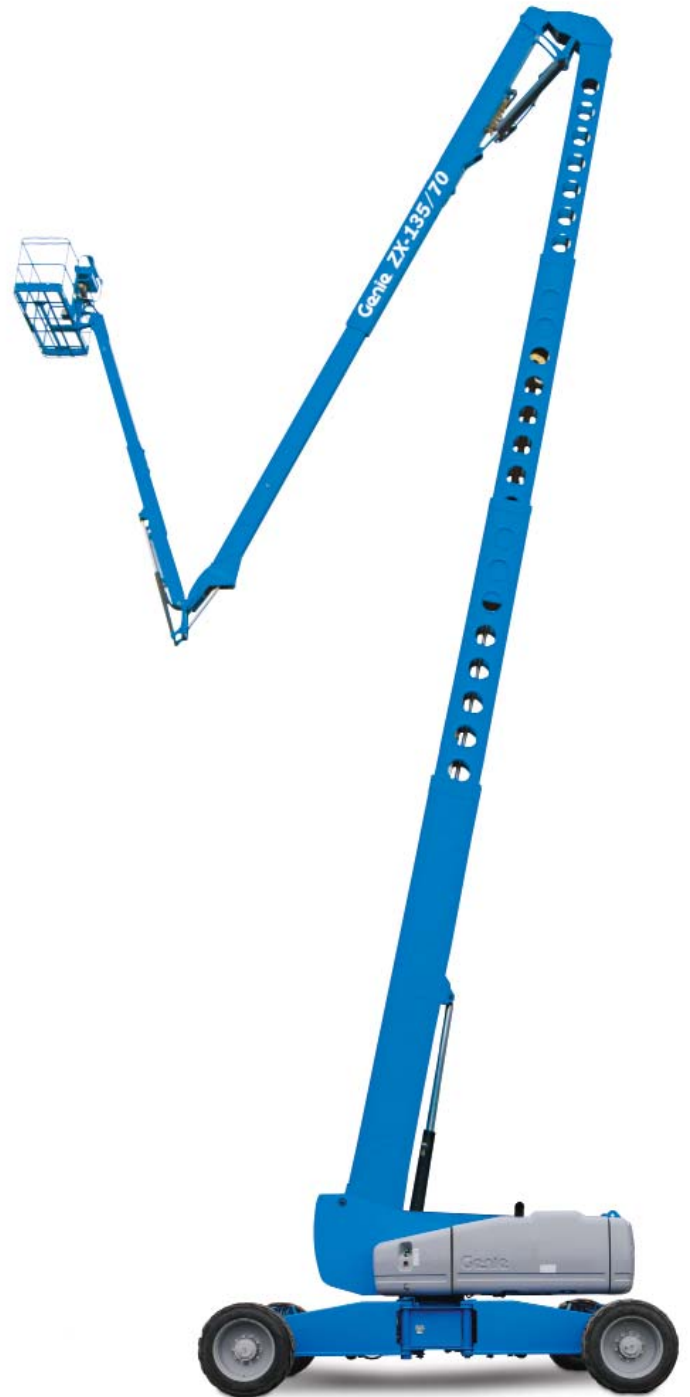
## Outstanding Reach and Up-and-Over Clearance

The Jib-Extend™ telescoping jib on the 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 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.

## Genie® Fast Mast™ System

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

Both models have 360° continuous rotation turntables for fast, easy positioning. The platform also hydraulically rotates a full 160° and stays level throughout the entire range of motion. Choose 6- or 8-ft (1.83 or 2.44 m) front-entry platforms with 500 to 600 lbs (227 to 272 kg) of capacity for operators and tools.

## Rough Terrain 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 also designed for productivity with the traction and drive speed you need to get around the job site and to the work area. These models reach out horizontally between 31 ft 8 in (9.65 m) and 80 ft (24.38 m), with working heights of 46 ft (14.20 m) to 131 ft (40.15 m).



## 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.



## Outstanding Terrainability

The active oscillation system automatically senses the terrain and adjusts the axle position based on ground conditions. Positive traction drive maintains equal power to all drive wheels, even if one wheel loses traction in mud, snow or sand. And two- or four-wheel drive options make it easy to drive up loading ramps for transport.

**The active oscillation system automatically senses the terrain and adjusts the axle position based on ground conditions.**



### Stay Productive on Challenging Job Sites

Working on a site with mud, sand, snow or gravel, or just generally soft underfoot conditions? Genie® Trax™ models are built for the job. These models have wide, rubber tracks for increased flotation and traction, so soft, wet or rough terrain won't slow you down. They even travel well over sensitive outdoor surfaces. And because all four tracks are independent, they steer like a wheeled machine — great for sites where you need to maneuver close to walls and foundations. In addition, Trax models can be transported without over-width permits, thanks to a machine width of 8 ft 6 in. Trax systems are available on Genie S™ -40, S-45, S-60 and S-65 telescopic boom lifts.



### Maneuver in Tight Spaces

For jobs in confined spaces, you can't beat Genie® boom lifts. Operators can 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.

### Extended Capacity Comes Standard

Boost your job site productivity with more platform capacity. Four Genie telescopic boom models include restricted platform capacities of up to 1,250 lbs — the highest in the industry — as a standard feature. So you can lift a maximum of three workers to get more done. To encourage safe use, automatic outreach restrictions are also built-in based on the appropriate platform capacity as selected by the user.



## Engine-Powered Models Available

[S-40](#) | [S-40 TraX](#) | [S-45](#) | [S-45 TraX](#) | [S-60X](#) | [S-60 TraX](#) | [S-60 XC](#) | [S-65](#) | [S-65 TraX](#) | [S-80X](#) | [S-85](#)

# Power and Terrainability

Genie® super boom lift line combine maximum reach with exceptional maneuverability. They feature rugged diesel engine options, four-wheel drive and four-wheel steer capabilities, and foam-filled rough terrain tires to quickly position you where you need to work. With horizontal outreach of 80 ft (24.38 m) and working heights up to 186 ft (56.1 m), these machines set performance and operation standards for other boom lifts on the market.

## Great for Tight Spaces

The 360° continuous rotation turntable swings full circle for quick and flexible positioning. Reduced tailswing allows you to maneuver in tight workspaces.

## Diesel Engine Options

These models feature quiet diesel engines for more power and increased performance, even at high altitudes. Choose from two diesel engine options on these models: Deutz 74 hp (55 kW) or Perkins 74 hp (62 kW).



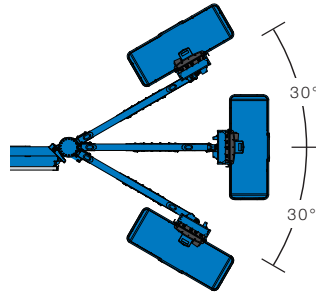
The horizontal outreach of the Genie Super Boom line is among the industry's best at 75 to 80 ft (22.86 to 24.38 m), depending on the model.





### Precise Platform Positioning

Standard 8 ft (2.44 m) front-entry platforms can be rotated to exactly where you need to work and are self-leveling throughout the range of motion. Jib rotates 60° to give excellent access to work.



### Outstanding Terrainability

All models come standard with four-wheel drive and four-wheel steer to meet the demands of rugged outdoor use. They also feature rough-terrain foam-filled tires for excellent terrainability, traction and durability. Extendable axles allow you to extend or retract axles from the platform while driving for stability, ease of operation and convenient transport.



### Extra Working Range

The out-and-up articulating jib boom option gives you an additional 10 ft (3 m) of horizontal reach and height plus 135° of working range.



## Engine-Powered Models Available

**S-105** | **S-125** | **SX-180**

# Reach Up Reach Out

The Genie® TZ™-34/20 trailer mounted boom lift has an outstanding working envelope and intuitive controls that allow operators to efficiently reach 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 TZ™-34/20 lift provides excellent versatility for a variety of jobs.



## Easy Transport and Setup

With a variety of hitch coupler options, the TZ-34/20 lift is easily 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 TZ-34/20 lift is lightweight enough to use on lawns, slate or gymnasium floors. Simply put, it meets 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

Easy setup and operation aren't the only efficient benefits of the TZ™-34/20 lift. The machine is built to make service simple, including easy access to batteries. Simply release the clamp and remove the cover.

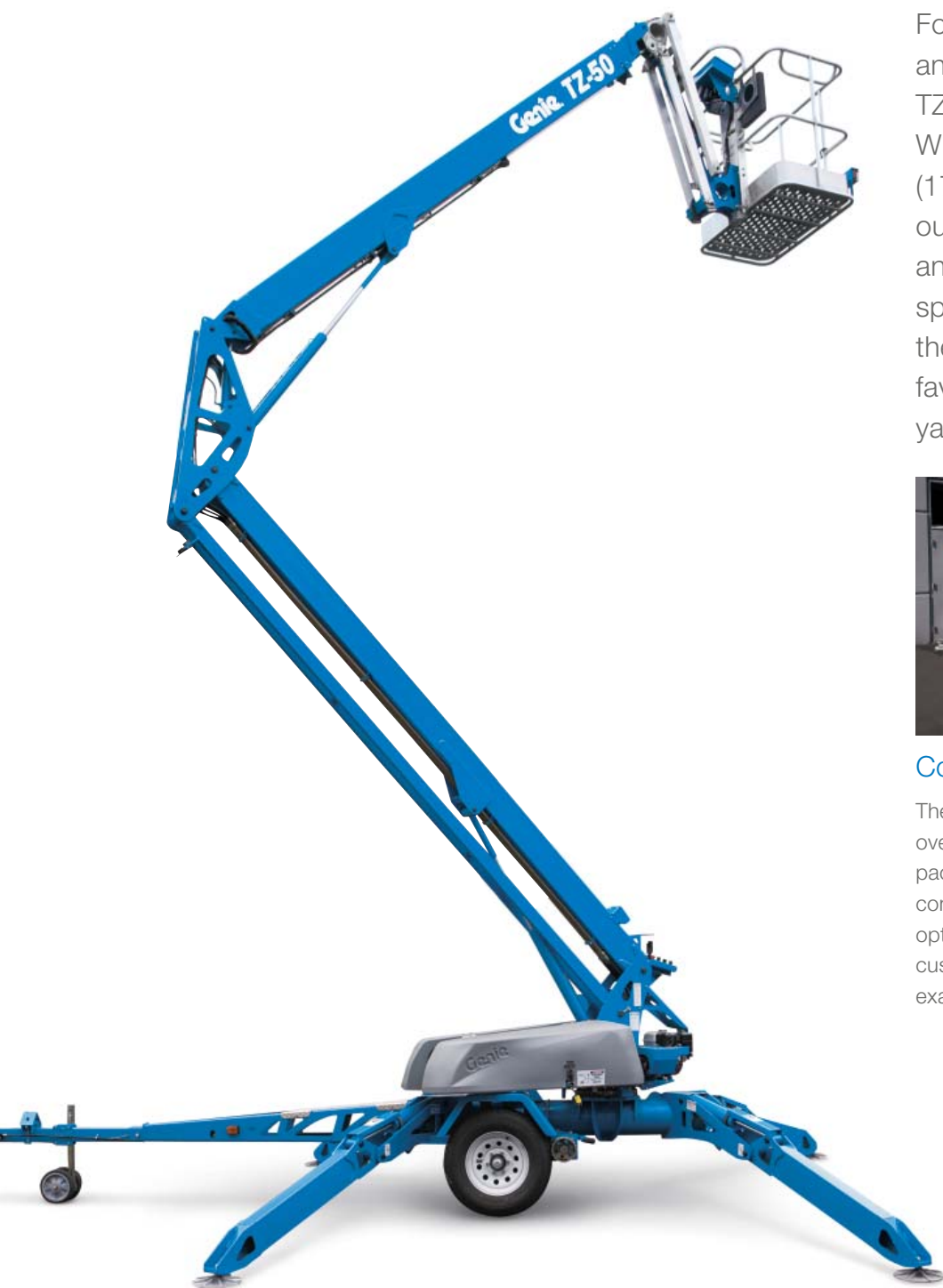


### Built to Work

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.



# Industry-Leading Working Range



For the ultimate in towable reach and range, you can't beat the Genie® TZ™-50 trailer-mounted boom lift. With 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, the numbers speak volumes about the versatility of the TZ-50 model. The fact that it's a favorite with contractors and rental yards says even more.



## Compact Narrow Versatility

The TZ-50 lift offers outstanding “up, out and over” capabilities in a compact, lightweight package that is easy to maneuver in congested work areas. An assortment of options and accessories means you can customize the versatile TZ-50 lift to meet your exact needs.

The TZ-50 lift provides high value in high reach lift equipment.



## Mobility

The TZ™-50 lift goes where you need it with a variety of hitch coupler options for easy towing behind a pickup or SUV — and heavy-duty jockey wheels for precise positioning during setup. The optional Drive and Set™ feature allows you to drive the TZ-50 lift to where you need to work.



## Flexible Working Range

Along with the primary jib boom, the articulating jib boom provides an additional 4 ft 1 in (1.25 m) of horizontal reach and 135° of working range to position the platform above or below horizontal.



## Simple Leveling and Controls

Our patent-pending Automatic Leveling System™ allows the operator to hydraulically deploy the outriggers and level the machine to one degree in all directions. Plus, easy-to-use pictographs on both ground and platform controls offer simple, intuitive operation.



## Designed For Serviceability

From transport and setup to operation and service, the TZ-50 lift keeps it simple, including easy access to batteries. Simply release the clamp and remove the cover.

# Customize Your Boom for Specific Job Site Needs

## Platforms

Choose from 6 and 8 ft (1.83 and 2.44 m) steel platforms. Other options include a swing gate that replaces the standard sliding mid-rail for walk-in access to the platform, an auxiliary top rail, and a tri-entry configuration. Available on the 8 ft (2.44 m) platform, the tri-entry option provides sliding midrail entries on both ends of the platform as well as the front of the platform.



Auxiliary Top Railing



Pipe Cradle

### Platform accessories include:

- Auxiliary Top Railing
- Plate Glass and Panel Cradle Package
- Platform Control Box Cover
- Air Line to Platform
- Fluorescent Tube Caddy
- Welder Leads
- Travel Alarms and Flashing Beacon
- Half-Height Mesh
- Pipe Cradle
- Platform Work Lights
- Tool Tray
- Rocker Steer Joystick

## Power

### Welder Package

The 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 (for DC machines only.)



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

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



## 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, high flotation, industrial and sealant treated

**Foam-filled:** Rough terrain and industrial

**Non-marking:** Standard on solid rubber models (Z™-30, Z™-34 and Z™-40 families). Optional on most air or foam-filled models (except high flotation).

## Job Site 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 lbs (200 kg).

### Genie® Operator Protection Structure (OPS)

Identifying and avoiding overhead obstacles is a top priority on any work site. In some applications, this new optional device provides secondary protection for operators in the event of contact with certain obstacles. The Genie OPS is made of tubular steel and can be attached to boom lifts with 6 ft to 8 ft platforms. It allows for excellent visibility and work range, and simply bolts onto the platform, no modifications necessary.

## Engine

### Engine Options

Gasoline/LPG engine options include Ford, Kubota and Continental. 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, platform control board heater, and oversized foot switch cover. Contact a sales representative for additional details.

## Additional Options

### Tow Package

Allows the machine to be towed by another vehicle (the machine does not have use of its brakes when being towed and can only be towed at very low speeds). This package includes a tow bar, steering float valve and tow bar storage bracket.

### Entertainment Industry Boom

Genie offers a custom-painted matte black boom designed specifically for theatrical productions and entertainment events. Ideal for working with lighting, sound systems and scenery, this unit blends in backstage — reducing visibility to the audience.



Solid Rubber Tires



Hostile Environment Package



Operator Protection Structure



Aircraft Protection System

# Options And Accessories

| TZ™ -34/20   |  |   | TZ™ -50 |   |  |
|--|--|---|---------|---|--|
| Platform Options                                       |  |   |         |   |  |
| PLATFORM ROTATION                                      |  | • |         | • |  |
| LED BRAKE LIGHTS                                       |  | • |         | • |  |
| Power Options  |  |   |         |   |  |
| DC   |  | • |         | • |  |
| HYBRID HONDA CHARGING SYSTEM                           |  |   |         | • |  |
| Drive Options  |  |   |         |   |  |
| DRIVE AND SET OPTION (ANSI/CSA/AUS)                    |  |   |         | • |  |
| DRIVE ONLY (CE)  |  |   |         | • |  |
| Coupler Options  |  |   |         |   |  |
| COMBINATION HITCH AND ADJUSTABLE HEIGHT COUPLER SYSTEM |  | • |         | • |  |
| 2 IN (5.08 CM) BALL COUPLER                            |  | • |         | • |  |
| 2 5⁄16 IN (5.87 CM) BALL COUPLER                       |  | • |         | • |  |
| 2 1⁄2 IN (6.35 CM) I.D. PINTLE RING COUPLER – US       |  | • |         | • |  |
| CLEVIS COUPLER – US                                    |  | • |         | • |  |
| Accessories  |  |   |         |   |  |
| TOOL TRAY  |  | • |         | • |  |
| FLUORESCENT TUBE CADDY                                 |  | • |         | • |  |
| BATTERY CHARGE INDICATOR (BCI)                         |  | • |         | • |  |
| OPERATIONAL WARNING LIGHT PACKAGE (FLASHING BEACON)    |  | • |         | • |  |
| NON-MARKING OUTRIGGER FOOTPADS                         |  | • |         | • |  |
| SPARE TIRE   |  | • |         | • |  |
| WHEEL CHOCKS   |  | • |         | • |  |
| HORN   |  | • |         | • |  |
| LADDER (CE)  |  |   |         | • |  |
| BICYCLE GUARD (CE)                                     |  | • |         | • |  |







### Optional Platform Rotation

A manual rotate mechanism allows the operator to rotate the TZ™-34/20 platform a total of 90°, 45° in either direction. The hydraulic rotation on the TZ-50 model provides a 160° of platform rotation.



### Flashing Beacon

Orange flashing light warns workers when lift is moving or in operation.



### Hitch Coupler Options

Choose the type of hitch that best meets your needs from a variety of options.



# Options And Accessories



## Drive, Set, Lift

Choose the Drive and Set™ option to have ultimate flexibility in positioning your Genie® TZ™-50 trailer-mounted boom lift exactly where you need it. When the platform is in the fully lowered position, you can drive the unit to the area where you need to work, deploy the outriggers and then raise the platform to the level needed. These quick, efficient operations are designed to increase your productivity on the job. (ANSI/CSA/AUS only)



## Hybrid DC/Gas Engine

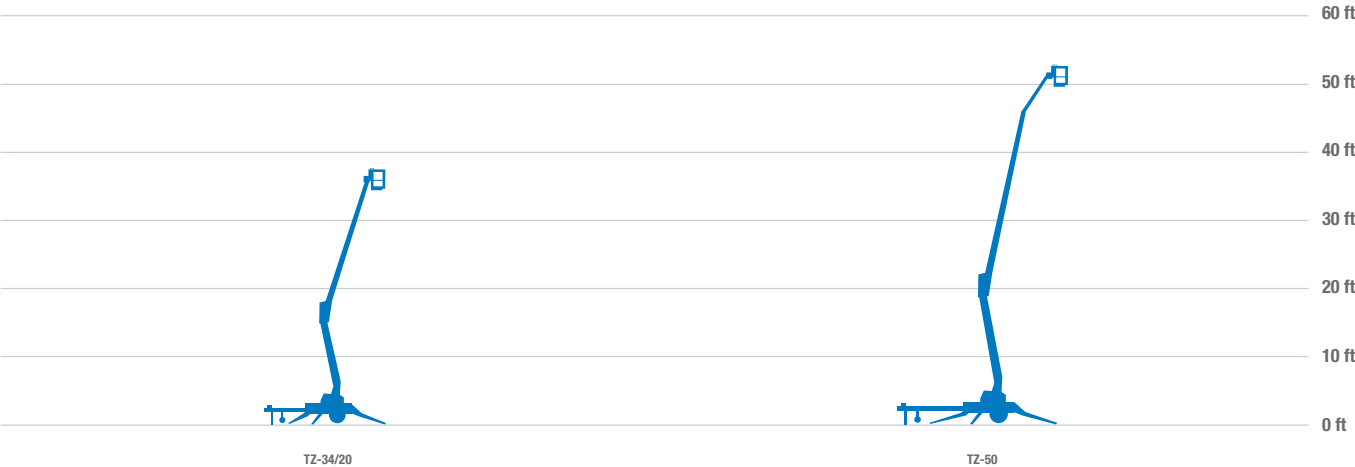
Allows machine to charge in remote locations.

# 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  |        |
|                               |                |         |                  |        | 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 lbs           | 227 kg | 440 lbs | 200 kg | 460 lbs                         | 209 kg | 400 lbs | 181 kg |
| TZ™-50                        | 55 ft 6 in     | 17.09 m | 29 ft 2 in       | 8.89 m | 500 lbs           | 227 kg | 440 lbs | 200 kg | 500 lbs                         | 227 kg | 440 lbs | 200 kg |

\*Lift capacity varies depending on options and country standards.

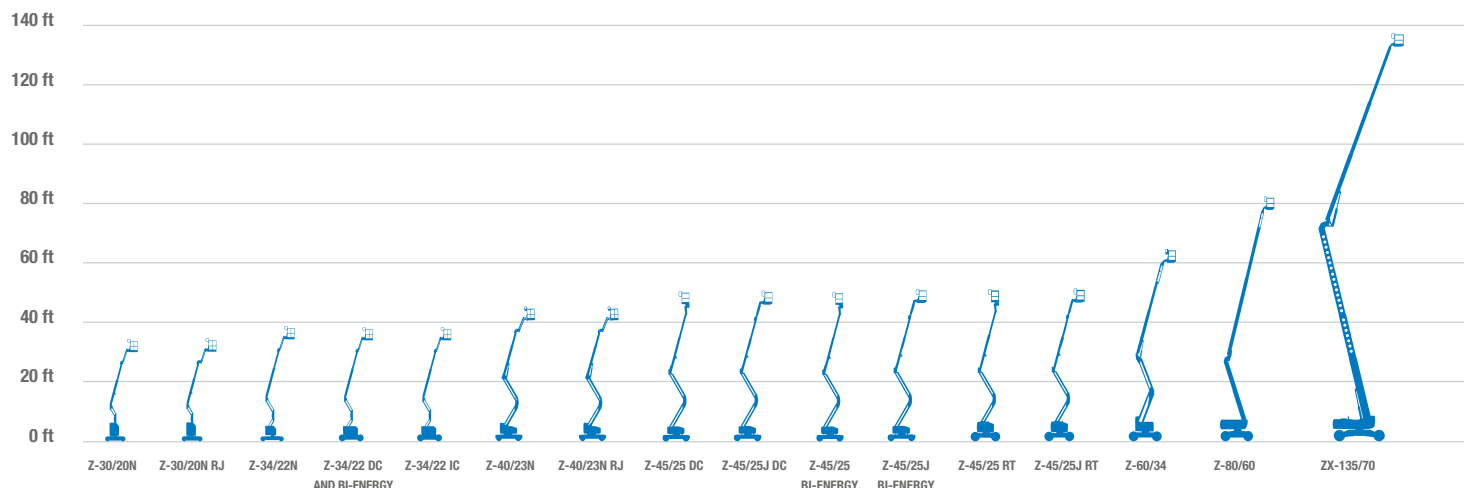


# Specifications

## 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 lbs       | 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 lbs       | 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 lbs       | 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 lbs       | 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 lbs       | 227 kg |
| DC And Bi-Energy Articulating Z™-Boom Lifts |                |         |              |         |                  |         |                     |         |               |        |
| 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 lbs       | 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 lbs       | 227 kg |
| Z-45/25 DC                                  | 51 ft 6 in     | 15.87 m | 5 ft 10.3 in | 1.79 m  | 25 ft            | 7.62 m  | 23 ft 1 in          | 7.04 m  | 500 lbs       | 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 lbs       | 227 kg |
| Z-45/25 BI-ENERGY                           | 51 ft 6 in     | 15.87 m | 5 ft 10.3 in | 1.79 m  | 25 ft            | 7.62 m  | 23 ft 1 in          | 7.04 m  | 500 lbs       | 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 lbs       | 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 lbs       | 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 lbs       | 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 lbs       | 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 lbs       | 227 kg |
| Z-60/34                                     | 66 ft 4 in     | 20.39 m | 8 ft 1 in    | 2.46 m  | 36 ft 3 in       | 11.05 m | 27 ft               | 8.23 m  | 500 lbs       | 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 lbs       | 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 lbs       | 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                           | 46 ft          | 14.20 m | 7 ft 6 in  | 2.30 m  | 31 ft 8 in       | 9.65 m  | 500 lbs         | 227 kg       |
| S-40 TRAX                      | 46 ft          | 14.20 m | 7 ft 6 in  | 2.30 m  | 31 ft 8 in       | 9.65 m  | 500 lbs         | 227 kg       |
| S-45                           | 51 ft          | 15.72 m | 7 ft 6 in  | 2.30 m  | 36 ft 8 in       | 11.18 m | 500 lbs         | 227 kg       |
| S-45 TRAX                      | 51 ft          | 15.72 m | 7 ft 6 in  | 2.30 m  | 36 ft 8 in       | 11.18 m | 500 lbs         | 227 kg       |
| S-60X                          | 64 ft 4 in     | 19.78 m | 8 ft 2 in  | 2.49 m  | 50 ft 10 in      | 15.48 m | 500/1000 lbs**  | 227/454 kg** |
| S-60 TRAX                      | 66 ft          | 20.30 m | 8 ft 6 in  | 2.59 m  | 50 ft 10 in      | 15.48 m | 660/1100 lbs**  | 299/499 kg** |
| S-60 XC                        | 64 ft 4 in     | 19.78 m | 8 ft 2 in  | 2.49 m  | 50 ft 10 in      | 15.48 m | 750/1,250 lbs** | 340/567 kg** |
| S-65                           | 71 ft          | 21.80 m | 8 ft 2 in  | 2.49 m  | 56 ft 2 in       | 17.10 m | 500 lbs         | 227 kg       |
| S-65 TRAX                      | 71 ft 2 in     | 21.86 m | 8 ft 6 in  | 2.59 m  | 56 ft 2 in       | 17.10 m | 500 lbs         | 227 kg       |
| S-80X                          | 86 ft          | 26.20 m | 8 ft 2 in  | 2.50 m  | 71 ft 6 in       | 21.80 m | 500/1000 lbs**  | 227/454 kg** |
| S-85                           | 91 ft          | 27.70 m | 8 ft 2 in  | 2.50 m  | 76 ft 6 in       | 23.30 m | 500 lbs         | 227 kg       |
| Super Telescopic S™-Boom Lifts |                |         |            |         |                  |         |                 |              |
| S-105                          | 111 ft         | 34.00 m | 8 ft 2 in* | 2.49 m* | 80 ft            | 24.38 m | 500 lbs         | 227 kg       |
| S-125                          | 131 ft 2 in    | 40.15 m | 8 ft 2 in* | 2.49 m* | 80 ft            | 24.38 m | 500 lbs         | 227 kg       |
| SX-180                         | 186 ft         | 47.00 m | 8 ft 2 in* | 2.49 m* | 80 ft            | 24.38 m | 750 lbs         | 340 kg       |

\* Axles retracted

\*\* Maximum outreach zone / maximum capacity zone

