

# GENIE® Z™ -60/37

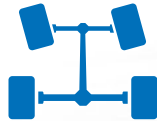
TWO 20 M ELECTRIC & ENVIRONMENTALLY-FRIENDLY Z™ BOOMS WITH RUGGED TERRAINABILITY



Weighs nearly  
2,300 kg less than the  
Genie® Z™-62/40



Low Noise &  
Low Emissions



4-Wheel Electric Drive



Rugged  
Terrainability



Versatile Applications  
Outdoor and Indoor



Tailswing < 0.6 m (2 ft)



Up and Over  
> 7 m (24 ft)



Full Diesel  
Performance

**MAIN APPLICATIONS:** Contractors • Construction • Airport • Manufacturing  
Plants • Museums • Convention Centres • Sport Arenas • Malls

**Genie**®

A TEREX BRAND

TAKING YOU **HIGHER**™



# SEE HOW IT PERFORMS!

## You will change the way you think about electric and hybrid boom lifts.

The Z-60/37DC is a pure zero emissions all-electric machine with full workday performance on one charge. With the Z-60/37FE Fuel Electric Hybrid System (two machines in one package), we give our customers environmental consciousness, lower cost of operation and the opportunity to increase their rental ROIC.

|  | Z™-60/37DC           | Z™-60/37FE   |
|--|----------------------|--|
| Working Height Maximum                 | 20.16 m (65 ft 7 in) | 20 m (65 ft 7 in)                                      |
| Horizontal Outreach                    | 11.15 m (36 ft 7 in) | 11.15 m (36 ft 7 in)                                   |
| Up & Over Clearance                    | 7.39 m (24 ft 3 in)  | 7.39 m (24 ft 3 in)                                    |
| Gradeability with 4x4 Electric Drive   | 45%                  | 45%  |
| Ground clearance                       | 0.33 m (1 ft 1 in)   | 0.33 m (1 ft 1 in)                                     |
| Turntable Tailswing (riser up)         | 0.58 m (1 ft 11 in)  | 0.58 m (1 ft 11 in)                                    |
| Weight                                 | 7,530 kg (6,600 lbs) | 7,756 kg (17,100 lbs)                                  |
| Hydraulic Tank Capacity                | 68.14 L (18 gal)     | 68.14 L (18 gal)                                       |
| Fuel Tank Capacity                     | 64.35 L (17 gal)     | 64.35 L (17 gal)                                       |
| Power source/Engine                    | 48 V DC (8 x 6V)     | 48 V DC (8 x 6V)<br>24.8 hp (18.5 kW)<br>Kubota diesel |
| Charge time with 110V/220V             | 16 hrs/14 hrs        | 16 hrs/14 hrs  |
| Charge time with onboard generator     | NA                   | 4 hrs  |
| Outdoor & Rough Terrain Applications   | 4x4                  | 4x4  |
| Sound pressure level (ground/platform) | <70 dBA/<70 dBA      | <77 dBA/<72 dBA  |

To see our new video on the Genie® Z™-60/37 visit [www.genielift.co.uk/en/z-60](http://www.genielift.co.uk/en/z-60)

## Highlights: Genie Fuel Electric Hybrid system

### 2-modes of operation:

- 'Full-electric': full-day, emission-free on a single charge,
- Hybrid': one week of run time with a single tank of diesel.

In 'hybrid' mode, the machine uses its environmentally-friendly 24-hp Stage III B engine-powered generator to maintain the battery state of charge or to supplement the battery power to get a boost in machine performance.

To keep productivity high and maintenance costs low, its engine-powered generator constantly monitors the battery state, keeping them topped off for max. run time, then automatically shutting off to minimise fuel.

The hybrid system is powerful enough:

- to simultaneously charge the batteries and allow boom and drive operation,
- to provide power directly to the 4-wheel AC drive motors (combining diesel driven generator + 48V DC battery pack) and maximise performance on rugged terrain when climbing hills,
- to provide a bulk charge within approximately 4 hours and work on extreme usage conditions.

