CAPACITY
3700lbs. at 24” load center to 130” with integral sideshift as standard equipment.
Triple stage wide view masts deliver maximum lift heights of up to 197”

BATTERY
UL recognized 48v 360AH Li-Ion battery
Capable of fast charging, without gasing or need for maintenance or eye wash stations.
Connector: Rema DIN 320

PERFORMANCE
TRAVEL
8.75 mph empty
8.50 mph loaded

LIFT
Up to 83 fpm empty
Up to 55 fpm loaded

LOWERED
Up to 85 fpm empty.
Up to 88 fpm loaded

TIRES
Front
17.75” x 8” solid pneumatic
Rear
17.25” x 4.5” solid pneumatic

OPERATOR COMPARTMENT
Operators compartment is exceptionally spacious due to purpose-built design for an integrated lithium battery. Ergonomic controls are provided for lift, lower, tilt, and sideshift which are within easy reach of the operator. Visibility is excellent through the wide view mast. Power steering with assist knob, adjustable steering column & adjustable suspension seat ensures comfortable working position and reduced fatigue during operation.
Large mirror and overhead guard mounted hand rail aids operator when driving in the reverse direction of travel.
LCD programmable display communicates travel speed, battery discharge information, hour meter, and fault codes.

HYDRAULICS
Powerful AC hydraulic lift motor provides smooth high torque lifting and lowering. Hydraulic lift and drive components are sealed against dirt and water protecting them from contamination.

ELECTRICAL
48v AC controller technology delivers high efficiency and performance while significantly reducing maintenance cost and extending vehicle service life.
Vehicle features weather resistant components and construction to facilitate limited use in outdoor environments.
Battery management system monitors lithium battery performance during operation and charging to help extend battery service life up far longer than traditional lead acid industrial batteries.

DRIVE UNIT AND BRAKES
AC Drive motor delivers smooth torque and speed performance matched to vehicle needs in real time for peak efficiency and performance.
Regenerative neutral braking extends duty-cycle. Vehicle’s electromagnetic brakes and lever actuated parking brake ensure effective stopping power during operation and when on rated grades.

FRAME AND MAST
Heavy duty steel chassis features long wheel-base, wide tires and low center of gravity for stable operation. Wide view mast includes an integral side-shift and load back rest (LBR). High seating position gives the operator an excellent view for efficient load handling at ground level and elevation.

SERVICEABILITY
On-board programmable LCD display allows for troubleshooting and system adjustments without need of tools. Units come pre-wired for optional telematics system that includes cloud based maintenance monitoring, GPS tracking and related data services.

STANDARD EQUIPMENT
• Headlights and brake Lights
• Turn signals & back up alarm
• Solid pneumatic tires
• Integral sideshift
• USB accessory charging port
• Reverse travel grab handle with horn
• 480v three phase or 120v charger

OPTIONAL EQUIPMENT
• 4th hydraulic valve, control and hosing
• Hang-on sideshift in lieu of integral
• Sideshifting fork positioner
• IP54 package (Coming July 2021)
• Telematics package (Coming July 2021)
• Fully enclosed cab (Coming July 2021)

5 year 10,000 hr
Lithium battery warranty
Subject to terms and conditions
**LXE Spark** Lithium Forklift Truck

**Fast charge, clean power, low cost**
- 4-4.5 hour run time with up to 1% recharge every 80 seconds
- No fumes, watering, or eye wash stations required
- Lowest operating cost of any general purpose forklift

---

**LXE37 Spark Rated CAPACITY**
- 3700lbs. to 130” @ 24” LC
- 2500lbs. to 189”/197” @ 24” LC

**Gradeability:**
- 10.5% Loaded
- 14% Unloaded

---

**Recommended aisle dimension 144” for 40x48 pallet handling**

---

**Revolutionize your operations with the next generation of power technology**

---

**Model # | Mast | Lift Height | Col Height | Free Lift Without Backrest | With Backrest | Extended Height Without Backrest | With Backrest | Weight (lbs)**
---
| LXE37-189 | Three Stage | 189 | 84.4 | 65.0 | 44.0 | 208 | 229 | 7370 |
| LXE37-197 | Three Stage | 197 | 87.0 | 67.5 | 46.5 | 216 | 237 | 7420 |

---

Certification

All units are built to be in compliance with ANSI B56.1 and the Occupational Safety & Health Act (OSHA).

Big Lift LLC will not assume liability for injuries or damage arising from, or caused by, the removal of any safety devices from their vehicles by user.

Because of the Big Lift LLC continuing product improvements, specifications are subject to change without notice.

© Copyright 2021, Big Lift LLC Printed USA 011521