



**INTEGRATED WAREHOUSE
RACKING + FORKLIFT SOLUTIONS**

COUNTERBALANCED FORKLIFTS **BIG JOE LVE40**

2.0T SIT-DOWN LITHIUM TRUCK

LVE40 counterbalance forklift truck 2.0t

Designed with user comfort in mind, LVE40 extends productivity through more lift and better ergonomics. Featuring Li-ion Technology for enduring performance.



LI-ION
TECHNOLOGY

COUNTERBALANCED FORKLIFTS

BIG JOE LVE40

2.0T SIT-DOWN LITHIUM TRUCK

STANDARD EQUIPMENT

- ↳ Fork dimension: 122 x 40 x 1070
- ↳ Solid rubber tyres
- ↳ 2W3M Mast
- ↳ 48V/360Ah Li-ion battery
- ↳ 48V/50A integrated charger
- ↳ Battery indicator with time
- ↳ Premium seat
- ↳ LED front lamp
- ↳ Warning lamp
- ↳ Steering lamp
- ↳ Rearview mirror
- ↳ OPS system

LVE40 APPLICATION

LVE40 is a high-end truck able to boost productivity in a variety of indoor and outdoor applications with the endurance of Li-ion technology and dual drive units. Suitable for:

- ↳ large warehouses
- ↳ docks
- ↳ side bay lorry and
- ↳ logistics centers.



LARGER LEGROOM

OPTIMISED TRUCK FRAME FOR CABIN INSTALLATION AND DETACHMENT

LVE40 features the streamlined design as the L2 series and an optimised one-piece truck frame, which is easy for cabin installation as well as detachment.

LARGER LEGROOM TO AMPLIFY DRIVING COMFORT

The integrated design of the operator compartment is intended to create a larger operational space to improve ergonomics to reduce operator work-related health issues, as well as to improve operational efficiency.

PERFORMANCE SPECIFICATIONS

CAPACITY

2000kg

BATTERY

Battery: 360Ah 48V Lithium ion
Compartment: 670mm x 231mm x open
Anderson 175 Gray-A-11 Minimum

WEIGHT

3575kg

SPEED

Variable speed : 0 to 5.6 km/h empty
Variable speed : 0 to 5.5 km/h loaded
Travel speed : 15/16 km/h laden/unladen

TYRES

Solid rubber:
Front 200/50-10
Rear 15/4.5-8

NEW INFORMATIVE LCD DISPLAY

LVE40 provides the high-resolution LCD display which is installed at the upper right corner of the cabin. At a glance, the operator is able to see speed, working hours, battery and parking status, distance driven. This informative display ensures more easier and safer work environment.



INFORMATIVE LCD DISPLAY

POWERFUL AND CONSTANT WORKING PERFORMANCE

The 48V/360Ah lithium battery with opportunity charging and 5.4kW*2 dual drive motors guarantee that your LVE40 operates at full power at all times and consistently delivers high performance. It comes with a 48V/50A integrated charger as standard for charging convenience and 48V/100A and 48V/200A external chargers available as options to better fit in your needs.

MECHANICAL STEERING SYSTEM WITH BETTER HUMAN-VEHICLE INTERACTION

LVE40 uses mechanical steering system, for a more precise and responsive operation, providing optimal human-vehicle interaction. Plus, the mechanical steering system comes with a simple and reliable structure with lower maintenance costs.

ELECTROMAGNETIC JOYSTICK AVAILABLE FOR PREMIUM NEEDS

For premium material handling, the electromagnetic joystick is available as an option which puts operation experience and productivity at the forefront. The joystick houses all controls of the truck and the operator is allowed to perform all functions in a palm-sized place with utmost precision.



ERGONOMIC JOYSTICK

STANDARD

LI-ION TECHNOLOGY.

This model is powered by a maintenance-free 48V/360Ah Li-ion battery. Li-ion batteries deliver all-day performance. The BMS incorporates CAN-bus to monitor and control the battery's charging, discharging, and temperature.



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COUNTERBALANCED FORKLIFT BIG JOE LVE40

Distinguishing mark

1.1	Manufacturer			BIGJOE
1.2	Model designation			LVE40
1.3	Drive			Electric
1.4	Operator type			Seated
1.5	Load capacity	Q	kg	2000
1.6	Load center distance	c	mm	500
1.8	Load distance centre of drive axle to fork	x	mm	420
1.9	Wheelbase	y	mm	1358

Service weight

2.1	Service weight		kg	3575
2.2	Axle loading, laden front/rear		kg	4892/683
2.3	Axle loading, unladen front/rear		kg	1535/2040

Tyres/chassis

3.1	Tyre type			Solid Rubber
3.2	Tyre size, front			200/50-10
3.3	Tyre size, rear			15/4.5-8
3.5	Wheels, number front/rear (x=drive wheels)		mm	2X/2
3.6	Tread width, front	b10	mm	936
3.7	Tread width, rear	b11	mm	175

Dimensions

4.1	Tilt of mast/fork carriage forward/backward	α/β	°	5/6
4.2	Retracted mast height	h1	mm	2075
4.3	Free lift	h2	mm	100
4.4	Lift height	h3	mm	3000
4.5	Height, mast extended	h4	mm	4058
4.7	Height of overhead guard (cabin)	h6	mm	2140
4.8	Seat height/standing height	h7	mm	1070
4.12	Tow coupling height	h10	mm	560
4.19	Overall length	l1	mm	3095
4.20	Length to face of forks	l2	mm	2025
4.21	Overall width	b1/b2	mm	1150
4.22	Fork dimensions	s/e/l	mm	122X40X1070
4.23	A,B Fork carriage class/type A, B			2A
4.24	Fork carriage width	b3	mm	1040
4.31	Ground clearance, laden, below mast	m1	mm	86
4.32	Ground clearance, center of wheelbase	m2	mm	104
4.34.1	Aisle width for pallets 1000x1200 crossways	Ast	mm	3348
4.34.2	Aisle width for pallets 800x1200 crossways	Ast	mm	3485
4.35	Turning radius	Wa	mm	1605

Performance data

5.1	Travel speed, laden/unladen		km/h	15/16
5.2	Lifting speed, laden/unladen		m/s	0.35/0.43
5.3	Lowering speed, laden/unladen		m/s	0.45/0.37
5.5	Drawbar pull, laden/unladen		N	--
5.6	Max. drawbar pull, laden/unladen		N	--
5.8	Max. gradeability, laden/unladen		%	15/17
5.10	Service brake			Electromagnetic
5.11	Parking brake			Electromagnetic

Electric-engine

6.1	Drive motor rating S2 60 min		kW	5.4X2
6.2	Lift motor rating at S3 15%		kW	11
6.4	Battery voltage/nominal capacity		V/Ah	48V/360Ah
6.5	Battery weight		kg	250

Additional data

8.1	Type of drive control			AC
10.5	Steering design			Hydraulic
10.7	Sound pressure level at the driver's ear		dB(A)	79
15.1	Charger output current		A	50

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

LVE40 MAST OPTIONS

Mast types	Lift height (h3)	Height, Mast			Height, Free lift (h2)	
		Height, mast lowered (h1)	Height, mast extended (h4)		No Load Guard	With Load Guard
			No Backrest	With Backrest		
	mm	mm	mm	mm	mm	mm
2-Standard Mast	3000	2075	3740	4055	100	100
	3600	2375	4340	4655	100	100
	4000	2455	4740	5055	100	100
3-Free Mast	4500	2140	5240	5555	1430	1115
	4800	2240	5540	5855	1530	1215
	5000	2305	5740	6055	1595	1280
	5500	2475	6240	6555	1765	1450
	6000	2690	6740	7055	1980	1665

MORE EQUIPMENT OPTIONS

No.	Optional items	LVE40
1.1	Fork dimension	● 122*40*1070 ○ 122*40*920 ○ 122*40*1150 ○ 122*40*1220 ○ 122*40*1370 ○ 122*40*1500 ○ 122*40*1600 ○ 122*40*1700 ○ 122*40*1820 ○ 122*40*1900 ○ 122*40*2000 ○ 122*40*2200
1.4	Fork carriage width	● 1040mm ○ Yes and can be customised
1.5	Fork carriage height	● 1067mm (42") ○ 1220mm (48") ○ 1520mm (60") ○ Yes and can be customised
2.5	Front wheel material	● Solid rubber ○ Non-marking solid
2.6	Rear wheel material	● Solid rubber ○ Non-marking solid
2.7	Battery capacity	● 360Ah
2.8	Charger	● 48V-50A Internal ○ 48V-150A External ○ 48V-200A External
2.9	Battery indicator	● With time
2.10	Seat type	● Premium ○ Suspension
2.11	Attachments	● No ○ Built-in sideshifter ○ External shifter ○ Side shift+fork positioner
2.13	Traction pin	● Yes
2.14	Electrostatic chain	● Yes
3.5	Front lamp	● LED
3.6	Rear lamp	● No ○ LED
3.7	Warning lamp	● Yes
3.8	Steering lamp	● Yes
3.9	Blue lamp	● No ○ 2 front ○ 1 rear ○ 2 front + 1 rear
3.10	Area warning lamp	● No ○ 1 left + 1 right (red)
3.11	Rearview mirror	● 1 rear mirror in the middle ○ Add 1 rearview mirror on both sides
3.17	OPS system	● Yes
3.23	Telematics	● No ○ Yes and not customised
4.5	Proportional lift system	● No ○ 3-way valve ○ 4-way valve

Note: ●Standard ○Optional

Are you looking to boost productivity and work satisfaction with better ergonomics and cleaner work environment? Talk to us about this exceptional value forklift, powered by Li-ion Technology for enduring performance.

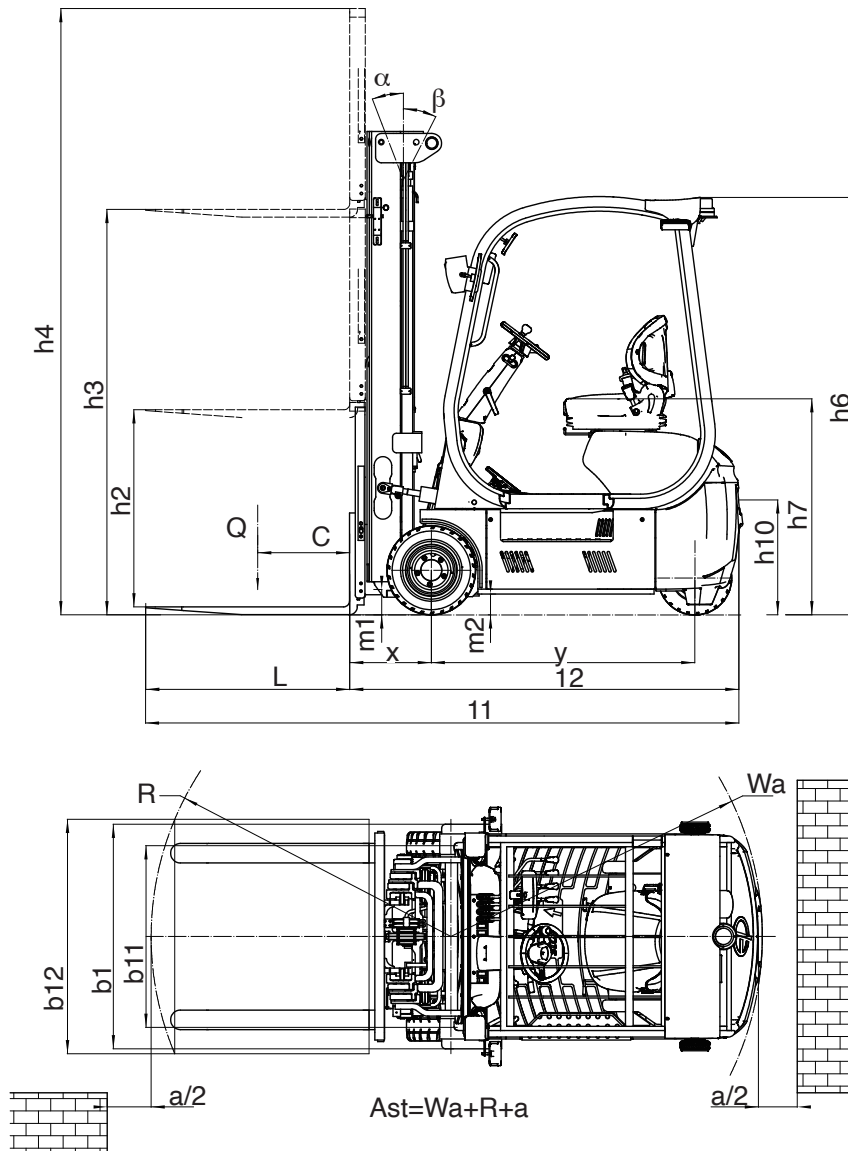


Talk to us about a Quote or Demo.

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DIMENSIONS

BIG JOE LVE40 | 2.0T SIT-DOWN LITHIUM TRUCK



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Transforming the way smart companies add efficiency to their warehousing and logistics operations.

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