



EFFICIENCY AND POWER

**3,000 – 4,000 LB. CAPACITY
ELECTRIC PNEUMATIC TIRE LIFT TRUCKS**



A POWERFUL SOLUTION



Maximum Performance: Shift After Shift

The Cat® EPC3000 – EP4000 series is designed for efficiency and performance. Featuring advanced AC technology, this series offers longer run times - up to two shifts on one battery charge - for greater operator productivity.

ADVANTAGES TO YOU:

- Flexible use, indoors and out – with the ability to lift up to 4,000 lbs.
- Low maintenance – sealed components provide added protection from dust, debris and moisture.
- Zero harmful emissions – electric lift trucks offer a cleaner working environment and eliminate fuel costs.

KEY APPLICATIONS:

- Food and beverage
- Retail Stores
- Freight and logistics
- Building materials and garden supplies
- Fabricated metal products



EFFICIENCY AND RELIABILITY

The Cat EPC3000 – EP4000 series features a durable design, allowing it to operate efficiently – even in demanding applications.

- Many sealed components are rated at IP54, helping protect the forklift from dust and moisture.
- 1,000 hour extended service intervals reduce downtime.



FOCUSED ON PRODUCTIVITY



Move More – Every Shift

From low-maintenance components to high-efficiency systems, the Cat EPC3000-EP4000 series is designed to help you achieve more in a given shift for greater overall productivity.



LONGER RUN TIMES: 2 SHIFTS ON 1 BATTERY CHARGE*

Equipped with advanced 3-phase AC electric motors and regenerative braking, these lift trucks are built to run longer for greater efficiency.

KEY FEATURES:

- **Powerful 3-phase AC technology** – Our AC technology offers a competitive advantage due to its energy efficient conversion of battery power to AC current, strategic component placement to reduce lost energy and AC electric power steering.
- **Advanced regenerative braking** – AC motors act as a generator during braking, effectively turning the lift truck's momentum into energy and feeding it back into the battery for improved performance and longer run times – up to two shifts.
- **Intelligent design** – The lift truck's electric and hydraulic components were placed closely together to reduce lost energy for an even greater boost in efficiency. The benefit: longer run times and greater performance.

SUPERIOR PERFORMANCE

- **Increased productivity** – High torque at all speed levels ensures a productive operation. The result: faster throughput and an option to reduce your fleet size.
- **Versatile and reliable** – Specially-designed options such as enclosed operator cabins allow these trucks to operate in areas previously only managed by IC lift trucks for improved flexibility.
- **Less maintenance** – Sealed components provide added protection from dust, debris and moisture, resulting in a durable lift truck. Extended service intervals, display-based indicators and easy-to-access components simplify routine maintenance.
- **Uncompromising performance** – When it comes to energy efficiency, tests have proven that the Cat 2EPC3000 – 2EP4000 series is 17% more efficient than its closest competitor.

*in most applications.



INCREASE YOUR POTENTIAL WITH LITHIUM-ION

The lithium-ion battery package provides an excellent performing battery solution –

- High performance batteries that are synchronized with the lift truck and charger for optimal energy efficiency.
- No maintenance requirements and a longer service life mean each truck offers more daily use, increased throughput and reliable 24/7 performance.
- No more battery change-outs, watering, and degassing areas.
- Maximize truck productivity through opportunity charging that can be interrupted anytime.
- 5-year battery warranty included.

EXCEPTIONAL COMFORT AND CONTROL

To Get The Job Done

The EPC3000 series keeps your operators comfortable while working tough jobs, with premium ergonomic features and smart technology:

- Curve Control
- Electric-Power Steering
- Selective Performance Modes

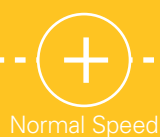
Full-Suspension Seat, Orange Anti-Cinch Seat Belt

Adjustable suspension, lumbar support and seat angle

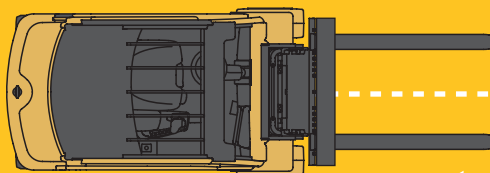
Fully-Adjustable Steering Column

For ample leg room





Normal Speed



Reduced Speed

Easy-To-Read 4 Inch Display



Standard Fingertip Controls



BENEFITS FOR THE OPERATOR

Designed for comfort, and outfitted with the latest in ergonomics and control features, the Cat EPC3000 – EP4000 series is designed to help operators get the job done in various environments, such as food and beverage, freight and logistics and fabricated metal products. These Cat lift trucks feature a floating cab that rests on cushioning bushings, working with the full-suspension seat to absorb floor shocks and overall vibration.

Your operators will also benefit from:

- Quiet, protected motors
- Solid pneumatic tires for a smooth ride
- A narrow, adjustable steer column with greater leg room
- AC steer system for low-effort, responsive steer control
- Standard fingertip hydraulic controls for quick, precise handling
- A dash-mounted display with easy-to-read, informative service icons, directional indicators and performance modes
- An advanced Operator Presence Detection System, which disengages the hydraulic controls and applies the parking brake when standing still. Contact your local dealer to learn more about the complete list of features this system provides.

OPTION PACKAGES FOR ANY APPLICATION



Hang-on or integral
sideshifter



Wide range of enclosed
cabin options



Operator control options



Light packages



Local service and support



Genuine OEM parts



Custom financing packages

MORE CONFIDENCE





Factory warranty for added protection



Local Support You Can Count On

A Cat lift truck purchase connects you to a variety of material handling solutions, including world-class service and support from your local, trusted dealer. With trained service technicians, a diverse parts inventory and a broad selection of service options, your local dealer can help you lower costs, enhance productivity and more efficiently manage your business.

FINANCING MADE SIMPLE

Financing your next Cat lift truck is easy with our wide range of flexible leasing and purchasing options. Whether you want to finance or lease, your local Cat lift truck dealer can help customize a package for your business.

WHEN EVERY PART COUNTS

When buying from your local Cat lift truck dealer, you can rest assured that your genuine OEM parts are manufactured to meet original equipment criteria. Additionally, all Cat lift trucks OEM parts come with a six-month, unlimited-hours warranty.

When speed is critical, our Parts Fast Or Parts Free Guarantee* ensures next-business-day delivery of all Cat lift trucks parts, or they're free, including freight. If your part doesn't come in by the next business day, we pay for it.

STANDING BEHIND OUR PRODUCTS

We deliver peace of mind by helping your lift trucks stay on the job. Every new Cat lift truck is covered by a 1-year / 2,000-hours warranty that includes parts and labor, as well as components and systems. With our standard 2-year / 4,000-hours extended powertrain warranty, you'll have the confidence that only comes from owning a Cat lift truck.

* At dealer's location.

† Programs may be subject to change without notice and may vary by region. Please ask your local Cat lift truck dealer for complete terms and conditions.

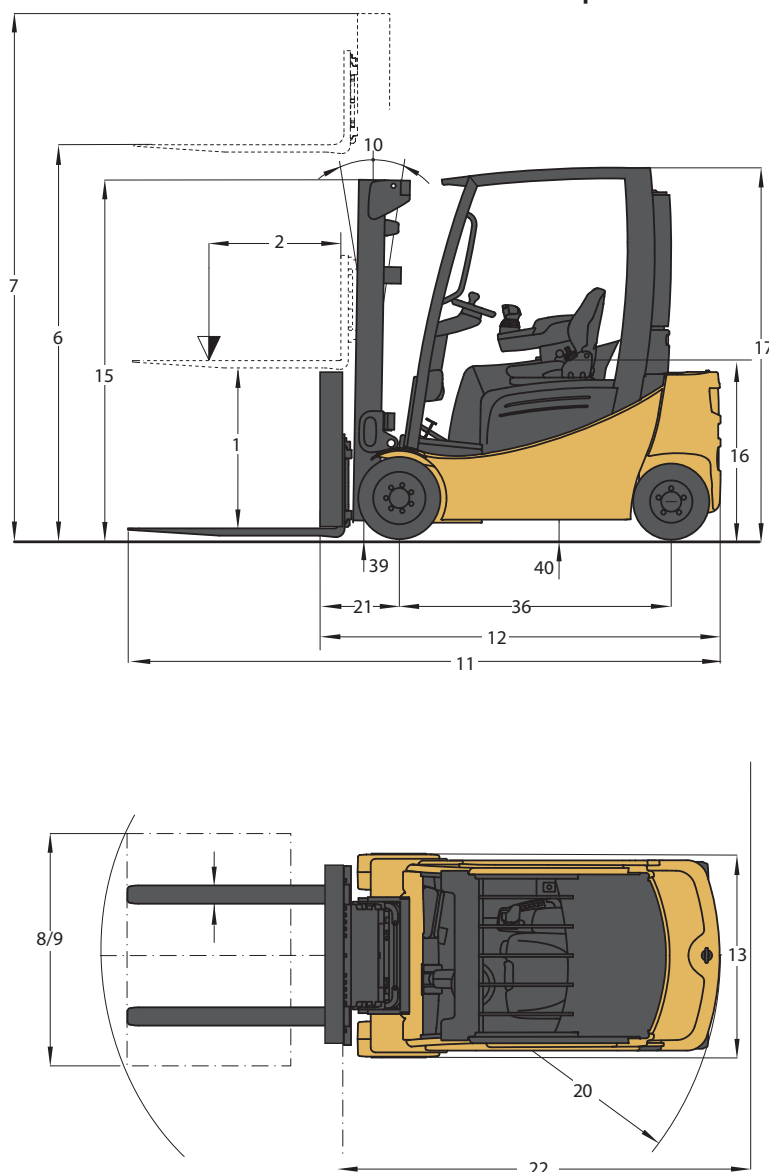
Specifications

Characteristics			EPC3000		EP3000		EPC3500		
1	Capacity at rated load center	lb kg	3,100	1,600	3,125	1,600	3,516	1,800	1
2	Load center – distance	in mm	24	500	24	500	24	500	2
3	Power – diesel, gasoline, LP gas, electric		electric		electric		electric		3
4	Tire type – cushion, solid pneumatic		solid pneumatic		solid pneumatic		solid pneumatic		4
5	Wheels (x = driven) – number front / rear		2x/2		2x/2		2x/2		5
Dimensions			EPC3000		EP3000		EPC3500		
11	Lift with standard two-stage mast – maximum fork height	in mm	118	3,000	118	3,000	118	3,000	11
12	Lift with standard two-stage mast – free fork height	in mm	5.9	150	5.9	150	5.9	150	12
13	Forks – thickness x length x width	in mm	1.6 x 3.1 x 45.3	40 x 80 x 1,150	1.6 x 3.1 x 45.3	40 x 80 x 1,150	1.6 x 3.1 x 45.3	40 x 80 x 1,150	13
	Fork spacing – out-to-out minimum / maximum	in mm	12.3/36	312/914	12.3/36	312/914	12.3/36	312/914	
14	Tilt – out-to-out minimum / maximum	deg	7/6		7/6		7/6		14
15	Length to fork face	in mm	78.3	1,990	82.6	2,098	78.3	1,990	15
16	Overall width – standard	in mm	41.7	1,060	41.7	1,060	44.1	1,120	16
	Overall width – with wide stance drive wheels	in mm	n/a		n/a		n/a		
17	Height with lowered mast	in mm	79	2,000	79	2,000	79	2,000	17
18	Seat height to SIP	in mm	36.2	920	36.2	920	36.2	920	18
19	Height to top of overhead guard	in mm	80.4	2,040	80.4	2,040	80.4	2,040	19
20	Height with extended mast	in mm	166	4,216	166	4,216	166	4,216	20
21	Minimum outside turning radius	in mm	73.2	1,859	78.1	1,985	73.2	1,859	21
22	Load moment constant (36V)	in mm	13.5	344	13.5	344	14.3	364	22
	Load moment constant (48V)	in mm	13.4 ¹⁾	340	13.4 ¹⁾	340	13.4 ¹⁾	340	
23	Minimum aisle 90° stack - must add load length and clearance	in mm	86.6 ¹⁾	2,200	91.5 ¹⁾	2,325	86.6 ¹⁾	2,200	23
Performance			EPC3000		EP3000		EPC3500		
24	Travel speed – loaded / empty (36V)	mph km/h	9.3 / 9.9	15 / 16	9.3 / 9.9	15 / 16	9.3 / 9.9	15 / 16	24
	Travel speed – loaded / empty (48V)	mph km/h	10.6 / 10.6	170 / 170	10.6 / 10.6	170 / 170	10.6 / 10.6	170 / 170	
25	Lift speed – loaded / empty (36V)	fpm m/s	76.8 / 112.2	0.39 / 0.57	76.8 / 112.2	0.39 / 0.57	72.8 / 108.3	0.37 / 0.55	25
	Lift speed – loaded / empty (48V)	fpm m/s	100.4 / 145.7	0.51 / 0.74	100.4 / 145.7	0.51 / 0.74	90.6 / 145.7	0.46 / 0.74	
26	Lowering speed – loaded / empty (36V)	fpm m/s	108.3 / 108.3	0.55 / 0.55	108.3 / 108.3	0.55 / 0.55	108.3 / 108.3	0.55 / 0.55	26
	Lowering speed – loaded / empty (48V)	fpm m/s	108.3 / 108.3	0.55 / 0.55	108.3 / 108.3	0.55 / 0.55	108.3 / 108.3	0.55 / 0.55	
28	Maximum gradeability – loaded / empty (36V)	%	21 / 30		21 / 30		18 / 20		28
	Maximum gradeability – loaded / empty (48V)	%	27 / 30		27 / 33		25 / 29		
Weight			EPC3000		EP3000		EPC3500		
29	Empty with minimum weight battery (36V)	lb kg	6,601	2,994	6,537	2,965	6,964	3,159	29
	Empty with minimum weight battery (48V)	lb kg	6,601	2,994	6,537	2,965	6,964	3,159	
30	Axle load – with rated load – front / rear (36V)	lb kg	8,807 / 1,321	3,995 / 599	8,891 / 1,173	4,033 / 532	9,729 / 1,204	4,413 / 546	30
	Axle load – with rated load – front / rear (48V)	lb kg	8,807 / 1,321	3,995 / 599	8,891 / 1,173	4,033 / 532	9,729 / 1,204	4,413 / 546	
	Axle load – without rated load – front / rear (36V)	lb kg	3,003 / 3,598	1,362 / 1,632	3,250 / 3,287	1,474 / 1,491	3,084 / 3,880	1,399 / 1,760	
	Axle load – without rated load – front / rear (48V)	lb kg	3,003 / 3,598	1,362 / 1,632	3,250 / 3,287	1,474 / 1,491	3,084 / 3,880	1,399 / 1,760	
Chassis			EPC3000		EP3000		EPC3500		
31	Tire size – front, standard solid pneumatic tires	in	18 x 7 - 8		18 x 7 - 8		200 / 50 - 10		31
	Tire size – rear solid pneumatic tires	in	16 x 6 - 8		16 x 6 - 8		16 x 6 - 8		
32	Wheelbase	in mm	55.1	1,400	59.4	1,508	55.1	1,400	32
33	Tread width – front, standard solid pneumatic tires	in mm	35.6	904	35.6	904	36.0	914	33
34	Tread width – rear solid pneumatic tires	in mm	32.7	830	32.7	830	32.7	830	34
35	Ground clearance at lowest point at mast	in mm	3.1	80	3.1	80	3.1	80	35
36	Ground clearance at center of wheelbase	in mm	3.9	100	3.9	100	3.9	100	36
37	Service brake	type	electric / mechanical		electric / mechanical		electric / mechanical		37
38	Parking brake	type	electromagnetic		electromagnetic		electromagnetic		38
Powertrain			EPC3000		EP3000		EPC3500		
39	Battery type		lead - acid		lead - acid		lead - acid		39
	Battery dimensions (length x width x height)	in	24.80 x 32.68 x 24.69		29.06 x 32.68 x 24.69		24.80 x 32.68 x 24.69		
41	Maximum capacity at 6 hr. discharge rate (36V)	Ah kWh	595	21.4	680	24.5	595	21.4	41
	Maximum capacity at 6 hr. discharge rate (48V)	Ah kWh	500	24.0	600	28.8	500	24.0	
42	Battery weight, minimum (36V)	lb kg	1,885	855	2,260	1,025	1,885	855	42
	Battery weight, minimum (48V)	lb kg	1,791	812	2,147	974	1,791	812	
43	Traction output (60 min. rating) x 2 (36V)	HP kW	6.8	5	6.8	5	6.8	5	43
	Traction output (60 min. rating) x 2 (48V)	HP kW	6.0	4.5	6.0	4.5	6.0	4.5	
44	Lift output (15% rating)	HP kW	15.4	11.5	15.4	11.5	15.4	11.5	44
45	Drive controls	type	Impulse / AC		Impulse / AC		Impulse / AC		45
46	Hydraulic controls	type	AC		AC		AC		46
47	Relief pressure – for attachments at auxiliary	psi bar	3,336	230	3,336	230	3,336	230	47
48	Noise level – mean value at operator's ear	dB(A)	67		67		67		48

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Mitsubishi Logisnext Americas Inc. (See ANSI/ITSDF B56.1.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your lift truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

EP3500			EP4000	
1	3,516	1,800	3,907	2,000
2	24	500	24	500
3	electric		electric	
4	solid pneumatic		solid pneumatic	
5	2x/2		2x/2	
EP3500			EP4000	
11	118	3,000	118	3,000
12	5.9	150	5.9	150
13	1.6 x 3.1 x 45.3	40 x 80 x 1,150	1.6 x 3.9 x 45.3	40 x 100 x 1,150
	12.3/36	312/914	12.3/36	312/914
14	7/6		7/6	
15	82.6	2,098	82.6	2,098
16	44.1	1,120	44.1	1,120
	n/a		n/a	
17	79	2,000	79	2,000
18	36.2	920	36.2	920
19	80.4	2,040	80.4	2,040
20	166	4,216	166	4,216
21	78.1	1,985	78.1	1,985
22	14.3	364	14.3	364
	13.4 ¹⁾	340	13.4 ¹⁾	340
23	91.5 ¹⁾	2,325	91.5 ¹⁾	2,325
EP3500			EP4000	
24	9.3 / 9.9	15 / 16	9.3 / 9.9	15 / 16
	10.6 / 10.6	170 / 170	10.6 / 10.6	170 / 170
25	72.8 / 108.3	0.37 / 0.55	65.0 / 108.3	0.33 / 0.55
	90.6 / 145.7	0.46 / 0.74	88.6 / 124.0	0.45 / 0.63
26	108.3 / 108.3	0.55 / 0.55	108.3 / 108.3	0.55 / 0.55
	108.3 / 108.3	0.55 / 0.55	108.3 / 108.3	0.55 / 0.55
28	18 / 20		18 / 20	
	25 / 32		24 / 31	
EP3500			EP4000	
29	6,900	3,130	7,253	3,290
	6,900	3,130	7,253	3,290
30	9,782 / 1,087	4,437 / 493	10,479 / 1,184	4,753 / 537
	9,782 / 1,087	4,437 / 493	10,479 / 1,184	4,753 / 537
	3,333 / 3,567	1,512 / 1,618	3,314 / 3,940	1,503 / 1,787
	3,333 / 3,567	1,512 / 1,618	3,314 / 3,940	1,503 / 1,787
EP3500			EP4000	
31	200 / 50 - 10		200 / 50 - 10	
	16 x 6 - 8		16 x 6 - 8	
32	59.4	1,508	59.4	1,508
33	36.0	914	36.0	914
34	32.7	830	32.7	830
35	3.1	80	3.1	80
36	3.9	100	3.9	100
37	electric / mechanical		electric / mechanical	
38	electromagnetic		electromagnetic	
EP3500			EP4000	
39	lead - acid		lead - acid	
41	29.06 x 32.68 x 24.69		29.06 x 32.68 x 24.69	
	680	24.5	680	24.5
	600	28.8	600	28.8
42	2,260	1,025	2,260	1,025
	2,147	974	2,147	974
43	6.8	5	6.8	5
	6.0	4.5	6.0	4.5
44	15.4	11.5	15.4	11.5
45	Impulse / AC		Impulse / AC	
46	AC		AC	
47	3,336	230	3,336	230
48	67		67	

Call-out numbers shown in the diagram correspond to the first column of the specifications chart.



Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any non-OEM power source that has not been previously approved.

Safety Standards

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- ANSI/ITSDF B56.1.
- NFPA 505, fire safety standard for powered industrial trucks - type designations, areas of use, maintenance, and operation.
- Occupational Safety and Health Administration (OSHA) regulations that may apply.

Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

1) Add 1.0" (25mm) if truck is equipped with a triplex mast; Add an additional 0.9" (23mm) if equipped with an integrated sideshifter, or an additional 2.4" (60mm) if equipped with a hang-on sideshifter.

Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any non-OEM power source that has not been previously approved.



Your Cat lift truck dealer can provide additional options and features to specialize your lift truck for your unique application. Operator training and custom financing programs are also available to help find the right fit for your business.

Helping move businesses forward – that's how we're built.

*The product shown may be different than the actual configuration based on market requirements.

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