



HIGH-POWERED PRODUCTIVITY

**5,000 – 7,000 LB. CAPACITY
ELECTRIC PNEUMATIC TIRE LIFT TRUCKS**

POWER THROUGH YOUR TOUGHEST JOBS

Built For Your Operation

The new electric counterbalance series from Cat® Lift Trucks is built to help meet every need with its dependable performance, durability and adaptability. Combining power and performance, maneuverability, intelligent control systems and a lower total cost of ownership when compared to IC engines, the new line of electric pneumatic tire lift trucks provides new options for various application settings.

ADVANTAGES TO YOU:

- Designed to meet the performance of IC powered lift trucks and zero emissions with an overall lower total cost of ownership.
- Advanced electric control systems combined with the latest lift truck technology provide operators with the tools they need for a variety of applications
- Operators are able to move your product effectively with confidence and comfort with an ergonomic cabin and safety features.

KEY APPLICATIONS:

- Hardware and building materials
- Wholesale trade: durable and non-durable goods
- Trucking and warehousing
- General merchandising
- Food and kindred products
- Bottling and beverage distribution



STRENGTH YOU CAN COUNT ON:

Built with durability and reliability in mind, the rugged build of these units can help to minimize repair costs and help to increase the residual market value of the truck. Straightforward plug-in diagnostics, easy access to major components and the multifunctional display lead to reduced downtime while sustaining performance levels.

- All-wheel steering offers good grip, smooth turning and extremely agile steering aided by the +100 degree rear steer axle that enables side turn with very little rear movement.
- The Responsive Drive System is designed for swift alterations of performance in response to the operator's commands, providing smooth starts, stops and hydraulic activity.
- Front wheels can be locked automatically at small steering angles or manually via an optional pedal function to increase traction on slippery surfaces
- Hill hold engages the brake system when the accelerator is released on a grade to hold the truck in place to prevent unintended rolling down a ramp with a load.
- Smoothflow hydraulic system proactively adjusts to the load weight for smooth and accurate control of the mast and forks.
- Load control is increased with automatic hydraulic control tuning when lifting over certain heights, and passive sway control allows for stress on the mast to be absorbed by the chassis.



INDUSTRY-LEADING PERFORMANCE:

Powerful AC drive system delivers an alternative to traditional IC trucks while still delivering powerful performance with zero emissions. With the ability to adjust to various application needs, the integrated systems provide intuitive control and the ability to meet the customer's needs.

- 80V AC drive system delivers performance comparable to the internal combustion powered units, but also includes the efficiency and total cost of ownership savings that come with our electric product lineup.
- The Powerburst system automatically supplies additional torque and acceleration when the operator needs it, even when handling large loads.
- Standard wet disc brakes require less maintenance and allow for regenerative braking, sending energy back to the battery.
- Standard pre-set ECO and PRO modes allow the truck to be set at the level that is needed by the operator and suitable for the application.

COMFORT AND CONFIDENCE:

The operator compartment allows for accurate control with low effort and confident operation with the comfortable and quiet design.

- If the operator is not in the normal operating position in the seat, the integrated presence system (IPS) locks out both the hydraulic and travel functions.
- Excellent operator awareness and comfort is achieved with the quiet drive units.
- For further minimization of noise and vibration during operation, the sizeable operator compartment is rubber mounted.
- Easy and smooth entry/exit to/from the operator compartment .
- Spacious operator compartments with space for tools, mobile devices, bottles and other personal items make the operator compartment a comfortable space to work in.
- For low-light conditions, standard light packages are included which provide forward and reverse LED lights.



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.

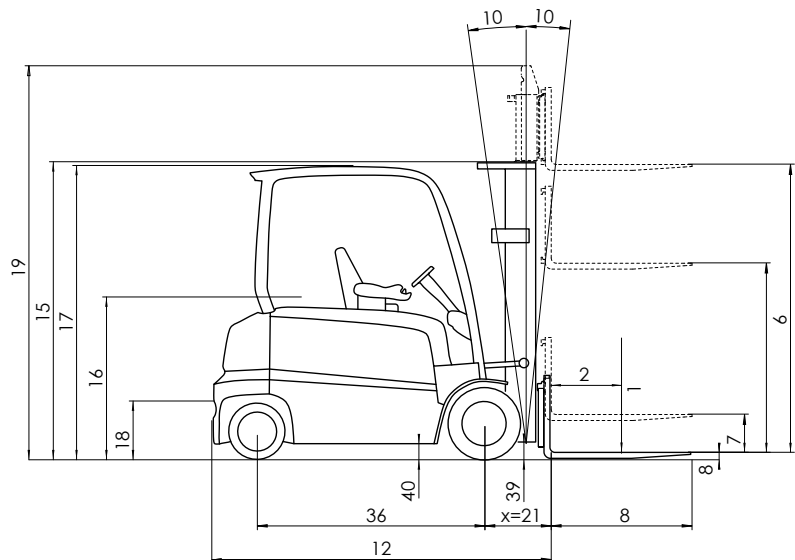
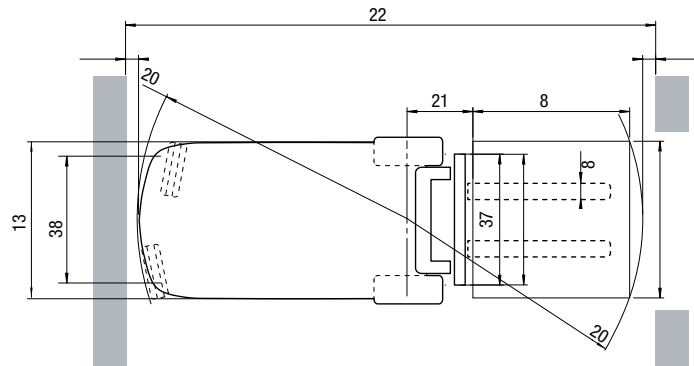
Specifications

Characteristics				EP25ACN		EP25AN		EP30ACN	
1	Capacity at rated load center	lb	kg	5,000	2,500	5,000	2,500	6,000	3,000
2	Load center – distance	in	mm	19.70	600	19.70	600	19.70	600
3	Power – diesel, gasoline, LP gas, electric			Electric		Electric		Electric	
4	Tire type – cushion, solid pneumatic			Solid Pneumatic		Solid Pneumatic		Solid Pneumatic	
5	Wheels (x=driven) number front / rear			2x/2		2x/2		2x/2	
Dimensions				EP25ACN		EP25AN		EP30ACN	
6	Maximum fork height (top of forks)	in	mm	171.5	4,355	171.5	4,355	170.3	4,325
7	Free lift	in	mm	3.9	100	3.9	100	3.9	100
8	Forks – thickness x length x width	in	mm	1.6x3.9x42.1	40x100x1070	1.6x3.9x42.1	40x100x1070	1.8 x 4.7 x 42.1	45x120x1070
9	Fork spacing – out-to-out minimum / maximum	in	mm	7.9 - 38.4	200 - 975	7.9 - 38.4	200 - 975	9.4 - 38.4	240 - 975
10	Tilt – forward / backward	deg		6/8		6/8		6/8	
11	Overall length (with 42" long forks)	in	mm	136.0	3,455	141.6	3,596	137.1	3,486
12	Length to fork face (includes fork thickness)	in	mm	94.1	2,389	99.6	2,530	95.2	2,417
13	Overall width with standard tires	in	mm	46.9	1,190	46.9	1,190	46.9	1,190
14	Overall width with wide stance tires	in	mm	50.5	1,283	50.5	1,283	50.5	1,283
15	Height to top of lowered mast	in	mm	84.4	2,145	84.4	2,145	85.2	2,165
16	Seat height to SIP	in	mm	49.6	1,260	49.6	1,260	49.6	1,260
17	Height to top of overhead guard	in	mm	88.2	2,240	88.2	2,240	88.2	2,240
18	Drawbar pin height	in	mm	15.6	395	15.6	395	15.6	395
19	Height with mast raised	in	mm	171.5	4,355	171.5	4,355	170.3	4,325
20	Minimum outside turning radius	in	mm	75.6	1,920	81.3	2,064	75.6	1,920
21	Load distance, axle to fork face	in	mm	18.7	476	18.7	476	19.8	504
22	Minimum aisle – 90° stack - zero clearance without load	in	mm	144.1	3,660	149.8	3,805	145.3	3,690
Performance				EP25ACN		EP25AN		EP30ACN	
24	Travel speed – loaded / empty	mph	km/h	12.4	20	12.4	20	12.4	20
26	Lift speed – loaded / empty	fpm	m/s	98 / 128	0.5 / 0.65	98 / 128	0.5 / 0.65	89 / 118	0.45 / 0.6
27	Lowering speed – loaded / empty	fpm	m/s	108 / 98	0.55 / 0.5	108 / 98	0.55 / 0.5	98 / 89	0.5 / 0.45
30	Maximum gradeability – loaded / empty	%		23 / 38		23 / 38		20 / 33	
Weight				EP25ACN		EP25AN		EP30ACN	
31	Empty – with minimum weight battery	lb	kg	10,106	4,584	10,443.3	4,737.0	11,512.5	5,222.0
32	Axle load – with rated load (front / rear)	lb	kg	13,959.7 / 1,739.4	6,332 / 789	13,968.5 / 1,904.8	6,336 / 684	16,215 / 1,935.7	7,355 / 878
33	Axle load – without rated load (front / rear)	lb	kg	5,053 / 5,134.6	2,292 / 2,329	5,344 / 5,015.5	2,424 / 2,275	5,410.14 / 5,128.9	2,454 / 2,780
Chassis				EP25ACN		EP25AN		EP30ACN	
34	Tire size – front	in	mm	23 x 9-10		23 x 9-10		23 x 10- 12	
35	Tire size – rear	in	mm	18 x 7-8		18 x 7-8		18 x 7-8	
36	Wheelbase	in	mm	62.4	1,585	68.1	1,730	62.4	1,585
37	Tread width – front, standard tires	in	mm	38.8	985	38.8	985	37.4	950
38	Tread width – rear tires	in	mm	38.2	970	38.2	970	38.2	970
39	Ground clearance – at lowest point at mast	in	mm	4.1	105	4.1	105	4.5	115
40	Ground clearance – at center of wheelbase	in	mm	4.8	122	4.8	122	4.8	122
41	Service brakes	type		Hydraulic		Hydraulic		Hydraulic	
42	Parking brakes	type		Automatic		Automatic		Automatic	
Powertrain				EP25ACN		EP25AN		EP30ACN	
43	Battery type			lead-acid		lead-acid		lead-acid	
44	Battery capacity at 5 hr. discharge rate	Ah	kWh	620.0	49.6	775.0	62.0	620.0	49.6
45	Battery weight, minimum	lb	kg	3,262.8	1,480	3,880.1	1,760.0	3,262.8	1,480.0
47	Battery weight, maximum	lb	kg	3,615.5	1,640	4,321.0	1,960.0	3,615.6	1,640.0
48	Battery compartment size, maximum	in	mm	28.0x40.5x30.9	711x1,028x784	33.7x40.5x30.9	855x1,028x784	28.0x40.5x30.9	711x1,028x784
49	Drive motor capacity (60 min. rating)	HP	kW	2 x 10.7	2 x 8	2x10.7	2x8	2x10.7	2x8
50	Lift output (15% rating)	HP	kW	27.9	20.8	27.9	20.8	34.2	25.5
51	Drive / hydraulic controls	type		AC		AC		AC	
52	Relief pressure for attachments	PSI	Mpa	2,683.2	18.5	2,683.2	18.5	2,683.2	18.5
53	Flow rate for attachments	gpm	lpm	113.6	30	113.6	30.0	113.6	30.0

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.

EP30AN		EP35AN		
1	6,000	3,000	7,000	3,175
2	19.70	600	19.70	600
3	Electric		Electric	
4	Solid Pneumatic		Solid Pneumatic	
5	2x/2		2x/2	
EP30AN		EP35AN		
6	170.3	4,325	171.5	4,355
7	3.9	100	3.9	100
8	1.8x4.7x42.1	45x120x1070	1.8x4.7x42.1	45x120x1070
9	9,4 - 38,4	240 - 975	9,4-38,4	240 - 975
10	6/8		6/8	
11	142.7	3624.0	142.7	3,624
12	100.7	2,558	100.7	2,558
13	46.9	1,190	46.9	1,190
14	50.5	1,283	50.5	1,283
15	85.2	2,165	90.2	2,291
16	49.6	1,260	49.6	1,260
17	88.2	2,240	88.2	2,240
18	15.6	395	15.6	395
19	170.3	4,325	171.1	4,345
20	81.3	2,064	81.3	2,064
21	19.8	504	19.8	504
22	150.8	3,830	150.8	3,830
EP30AN		EP35AN		
24	12.4	20	11.1	18
26	89 / 118	0.45 / 0.6	89 / 118	0.45 / 0.6
27	98 / 89	0.5 / 0.45	98 / 89	0.5 / 0.45
	20 / 34		18 / 31	
EP30AN		EP35AN		
31	11,530.2	5,230.0	12,464.9	5,654.0
32	16,122.4 / 1,849.7	7,313 / 839	18,074 / 1,992.98	8,186 / 904
33	5,668.1 / 5,690.13	2,571 / 2,581	5,851.1 / 6,475	2,654 / 2,937
EP30AN		EP35AN		
34	23 x 10-12		23 x 10-12	
35	18 x 7-8		18 x 7-8	
36	68.1	1,730	68.1	1,730
37	37.4	950	37.4	950
38	38.2	970	38.2	970
39	4.5	115	4.5	115
40	4.8	122	4.8	122
41	Hydraulic		Hydraulic	
	Automatic		Automatic	
EP30AN		EP35AN		
43	lead-acid		lead-acid	
44	775.0	62.0	775.0	62.0
45	3,880.1	1,760.0	3,880.1	1,760.0
47	4,321.0	1,960.0	4,321.1	1,960.0
48	33.7x40.5x30.9	855x1,028x784	33.7x40.5x30.9	855x1,028x784
49	2x10,7	2x8	2x10,7	2x8
50	34.2	25.5	34.2	25.5
51	AC		AC	
52	2,683.2	18.5	29,73.2	20.5
53	113.6	30.0	113.6	30

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



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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CAT® Lift Trucks