





Moving Your Business Forward

The 2EPC7000-2EP11000 series from Cat[®] Lift Trucks is built to perform. Delivering all of the benefits you'd expect from an IC truck – rugged performance, powerful acceleration and industry-leading lift speeds – with the energy efficiency that only comes from an electric.

What does this mean for your operation?

Increased efficiency, zero emissions and a drastically lower per-shift operating cost – today and over the long haul.



ADVANTAGES TO YOU:

- Lower total cost of ownership -On average, the overall lifecycle operating costs for electric forklifts are one quarter of the cost compared to IC lift trucks*, resulting in a lower cost of ownership without sacrificing performance.
- Versatility Offering lift truck capacities up to 11,000 lbs., this series is flexible for use in both indoor and outdoor applications. Sealed components provide added protection from dust, debris and moisture, resulting in a lift truck that is built to operate in even the most demanding environments.
- Longer run times Innovative AC technology, combined with intelligent design and close proximity of components, enables this lift truck to operate up to two shifts on one battery charge¹⁾. Reduced maintenance needs keep your lift trucks in operation longer, resulting in a better bottom line.
- Zero fuel costs, zero emissions -A cleaner running truck means a cleaner working environment. And, with no fuel costs, your business will save more annually in addition to benefiting from zero exhaust emissions.

THE ELECTRIC BENEFIT

See how an electric lift truck can save you more over the long run: www.cat-lift.com

^{*} Based on 5-year life cycle.

¹⁾ in most applications.

MORE PRODUCTIVITY

Performance At Its Best

The 2EPC7000-2EP11000 series raises the bar on performance. Ahead of the curve in design, this series features fully-enclosed AC motors, providing higher performance and greater uptime.

ENERGY EFFICIENT, 3-PHASE AC TECHNOLOGY

This lift truck's innovative three-phase AC motors are engineered for maximum efficiency and performance. Through advanced regenerative braking, the motors are designed to act as a generator during braking, effectively turning the truck's momentum into energy and feeding it back into the battery. This, combined with the truck's intelligent design and compact component layout, results in:

- Longer run times up to two shifts on one battery charge in most applications.
- **Greater torque** even at a lower speed, with no torque gaps and no speed loss.
- **High throughput efficiency** even when changing travel directions.

DYNAMIC PERFORMANCE

Advanced AC technology also ensures responsive acceleration and braking, allowing for:

- Precise positioning
- Dynamic acceleration
- Controlled travel speed on ramps
- Less brake component wear for lower maintenance costs

RELIABLE MOTORS

Closed electric motors allow these lift trucks to operate in environments that previously only IC trucks could handle.

- Fully-enclosed motor A motor with fewer parts means less maintenance needed. The motor's compact design and proximity to other components provides increased energy efficiency, helping you get more out of each shift.
- Ingress protected The truck's sealed systems provide better protection against dust, moisture and other debris to take on your toughest applications.
 - IP54-rated motors
 - IP56-rated connectors

LESS MAINTENANCE, EASY TO SERVICE

With extended service intervals and sealed components, these lift trucks provide greater uptime to keep your business moving.

- 500-hour extended service intervals
- Display-based maintenance reminders
- Easy access to service components







INCREASE YOUR POTENTIAL WITH LITHIUM-ION

The lithium-ion battery package provides the highest 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.

MOVE MORE - FASTER

High-Performance Motors Option

For demanding applications where throughput is a top priority, this option provides increased travel, lift and lowering speeds and enhanced gradeability. Ask your local Cat lift truck dealer for more information.

COMFORT AND CONTROL

Precision Handling, Smooth Ride

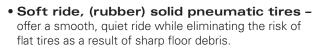
Built to take on demanding applications, this series delivers the comfort and control operators need. Premium ergonomics, excellent visibility and a smooth controlled ride all come together to help your operators achieve maximum productivity – all day, every day.

TOTAL CONTROL

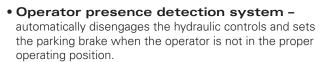
Your operators will enjoy this lift truck's high degree of control and its quiet, comfortable ride.



- Fingertip hydraulic controls integrated directly into the armrest, these controls deliver loweffort handling and precise control. For added convenience, the travel direction switch and horn are incorporated into the armrest for one-touch access during operation. An optional unitized joystick control is also available, offering full control of the lift truck in the palm of your hand.
- Five programmable performance modes – allow customization of travel and other operational settings to be tailored to your specific application.









OPTIMIZED VISIBILITY: FROM FRONT TO BACK

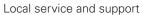
The lift truck's smart design provides excellent all-around visibility and clear sight lines to the surrounding job site. The open layout of the overhead guard, and slim profile of the mast, offer excellent forward visibility when driving and lifting, while programmable forward work lights provide ample lighting for various work environments.













Genuine OEM parts



Custom financing packages





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 factory-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 truck 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

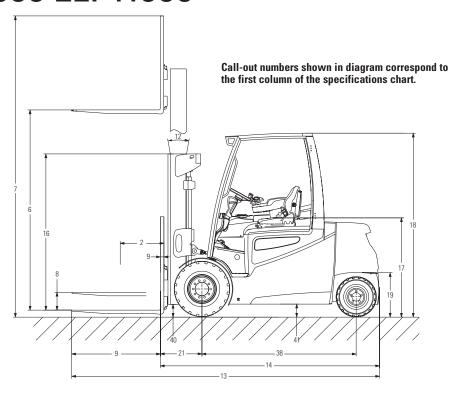
	Characteristics	2EPC7000		2EPC8000		2EP8000				
1	Capacity at rated load center		kg	7,000	3,500	8,000	4,000	8,000	4,000 1	
2	Rated load center		mm	24 500		24 500		24 500		
3	Power – diesel, gasoline, LP gas, electric	in mm		electric		electric		24 500 2 electric 3		
4	Tire type – cushion, pneumatic			pneumatic		pneumatic		pneumatic 4		
5	Wheels, number front / rear (x=driven)				2x / 2		2x / 2		2x/2 5	
	Dimensions			2EPC7000		2EPC8000		2EP8000		
6	Maximum fork height (see tables)		mm	122	3,100	118	3,000	118	3,000 6	
7	Extended mast height	in in	mm	166	4,220	166	4,220	166	4,220 7	
8	<u> </u>		mm	6	150	6	150	6	150 8	
9	Fork free lift height (see tables)		mm	1.8 x 4.9 x 45.3	45 x 125 x 1,150	2.0 × 4.9 × 45.3	50 x 125 x 1,150	2.0 × 4.9 × 45.3	50 x 125 x 1,150 9	
	Fork appeign out to out minimum / maximum			16.4 / 44.3	415 / 1,125	16.4 / 44.3	415 / 1,125	16.4 / 44.3		
10	Fork spacing – out-to-out minimum / maximum		mm							
11	Fork carriage (to ISO 2328, class / type A, B)			3A		3A		3		
12	Mast tilt forward / backward		eg	6° / 8°		6° / 8°		6° / 8° 12		
13	Overall length (incl. 45.25 in. forks)		mm	151.4	3,844	150.3	3,818	156.0	<i>3,962</i> 13	
14	Length to fork face (includes fork thickness)	in in	mm	105.4	2,677	105.0	2,668	110.7	2,812 14	
15	Overall width		mm	52.8	1,340	52.8	1,340	52.8	1,340 15	
16	Lowered mast height		mm	90.6	2,300	88.6	2,250	88.6	2,250 16	
17	Ground to seat index point		mm	40.9	1,040	40.9	1,040	40.9	1,040 17	
18	Overhead guard height		mm	93.1	2,365	93.1	2,365	93.1	<i>2,365</i> 18	
19	Tow coupling height		mm	15.6	396	15.6	396	15.6	<i>396</i> 19	
20	Minimum outside turning radius		mm	89.9	2,284	89.9	2,284	96.5	<i>2,450</i> 20	
21	Load distance, axle to fork face (load moment constant)	in	mm	20.5	519	20.1	510	20.1	510 21	
22	Minimum aisle – 90° stack – zero clearance without load	in	mm	110.4	2,803	110.0	2,794	116.5	2,960 22	
	Performance			2EPC7000		2EPC8000		2EP8000		
23	Travel speed, loaded / no load (standard mode)	mph	km/h	9.3 / 10	15 / 16	8.7 / 10	14 / 16	8.7 / 10	14 / 16 23	
24	Travel speed, loaded no load (high-performance option)	mph	km/h	10.6 / 11.1	17 / 18	9.3 / 10.6	15 / 17	9.3 / 10.6	15 / 17 24	
25	Lift speed, loaded / no load (standard mode)	fpm	m/s	74.8 / 98.4	0.38 / 0.50	61.0 / 84.6	0.31 / 0.43	61.0 / 84.6	0.31 / 0.43 25	
26	Lift speed, loaded / no load (high-performance option)	fpm	m/s	84.6 / 108.2	0.43 / 0.55	68.9 / 98.4	0.35 / 0.50	68.9 / 98.4	0.35 / 0.50 26	
27	Lowering speed, loaded / no load (standard mode)	fpm	m/s	110.2 / 110.2	0.56 / 0.56	106.3 / 90.6	0.54 / 0.46	106.3 / 90.6	0.54 / 0.46 27	
28	Lowering speed, loaded / no load (high-performance option)	fpm	m/s	110.2 / 110.2	0.56 / 0.56	108.3 / 98.4	0.55 / 0.50	108.3 / 98.4	0.55 / 0.50 28	
29	Gradeability, loaded at 1 mph (1.6 kmh) (standard mode)		6	10.2		9.3		9.3 29		
30	Gradeability, loaded at 1 mph (1.6 kmh) (high-performance option)		%	11.5		10.8		10.8		
31	Gradeability, maximum (no load) (standard mode)		%	24.0		22.3			22.3 31	
32	Gradeability, maximum (no load) (standard mode) Gradeability, maximum (no load) (high-performance option)		%	27.8		26.1		26.1 32		
52	Weight		.0	2EPC7000		2EPC8000			8000	
33	Chassis with minimum weight battery, no load	lb	kg	12,645	5,736	14,623	6,633	14,533	<i>6,592</i> 33	
34	Axle loading with rated load, front / rear ²⁾	Ib	kg	18,136 / 2,226	8,226 / 1,010	21,265 / 2,177	9,646 / 987	21,224 / 2,128	9,627/965 34	
35	<u> </u>	Ib	-	6,420 / 6,225	2,912 / 2,824	7,725 / 6,899	3,504 / 3,129	8,037 / 6,495	3,646 / 2,946 35	
33	Axle loading with no load, front / rear 2)		kg							
	Chassis			2EPC7000		2EPC8000		2EP8000		
36	Tire size, front	in		250 - 15		250 - 15		250 - 15		
37	Tire size, rear		n		8-9		8-9	21 x		
38	Wheelbase	in	mm	73.1	1,856	73.1	1,856	78.7	2,000 38	
39	Track width, front / rear (center of tires)	in	mm	43.9 / 37.4	1,115 / 950	43.9 / 37.4	1,115 / 950	43.9 / 37.4	1,115/950 39	
40	Ground clearance at lowest point of mast	in	mm	5.6	143	5.4	136	5.4	136 40	
41	Ground clearance at center of wheelbase	in	mm	5.9	150	5.9	150	5.9	150 41	
42	Brakes – service type		wet disc hydraulic		wet disc hydraulic		wet disc hydraulic 42			
43	trakes – parking type		hydraulic		hydraulic		hydraulic 43			
	ectrical		2EPC7000		2EPC8000		2EP8000			
44	Battery physical size, maximum ¹⁾	in	mm	33.66x40.47x30.87	855x1028x784	33.66x40.47x30.87	855x1028x784	39.33x40.47x30.87	999x1028x784 44	
45	Battery weight, minimum / maximum	lb	kg	3,902 / 4,436	1,770 / 2,012	3,902 / 4,436	1,770 / 2,012	4,562 / 5,186	2,069 / 2,352 45	
46	Drive motor capacity (60 min. rating) (standard mode)	HP	kW	19	14.5	19	14.5	19	14.5 46	
47	Drive motor capacity (60 min. rating) (high-performance option)	HP	kW	24	18	24	18	24	18 47	
48	Lift output (15% rating) (standard mode)	HP	kW	27	20	27	20	27	20 48	
49	Lift output (15% rating) (high-performance option)		kW	32	24	32	24	32	24 49	
50	Truck voltage		olt	80 Volts		80 Volts		80 Volts 50		
51	Controls – drive / hydraulic		pe	AC / AC		AC / AC		AC / AC 51		
52	Hydraulic pressure for attachments	PSI	Мра	2900	20	2900	20	2900	20 52	
	Hydraulic flow rate for attachments	gpm	Ipm	7.9	30	7.9	30	7.9	30 53	
00	, a. aano nove rato for attaornitorito	26.11	٠٠٠٠٠	7.0	- 00	7.0		7.0	55 55	

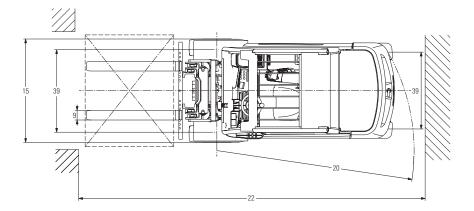
¹⁾ Dimensions represent maximum battery size, not compartment size.

²⁾ Battery weight 4107 lbs/1863 kg on models 2EPC7000, 2EP8000, 2EPC9000; battery weight 4801 lbs/2178 kg on 2E11000.

		2EP8500 2EPC9000		2EP9000		2EP10000		2EP11000					
1	lb	kg	8,500	4,000	9,000	4,500	9,000	4,500	10,000	5,000	11,000	5,000	
2	in	in mm 24 600 24 500			24 500		24 500		24 600				
3	electric		electric		electric		electric		electric				
4	pneumatic				pneu		pneu	matic	pneumatic		pneumatic		
5	2x / 2			/ 2	2x / 2		2x	/ 2	2x / 2		2x / 2		
			2EP	2EP8500		2EPC9000		2EP9000		2EP10000		2EP11000	
6	in	mm	118	3,000	118	3,000	118	3,000	118	3,000	118	3,000	
7	in	mm	166	4,220	166	4,220	166	4,220	166	4,220	166	4,220	
8	in	mm	6	150	6	150	6	150	6	150	6	150	
0 9	in	mm	2.0 × 6.0 × 45.3	50 x 150 x 1,150	2.0 x 6.0 x 45.3	50 x 150 x 1,150	2.0 × 6.0 × 45.3	150 x 150 x 1,150	2.0 × 6.0 45.3	50 x 150 x 1,150	2.4 × 6.0 × 45.3	60 x 150 x 1,150	
10	in	mm	16.5 / 44.5	420 / 1,130	16.5 / 44.5	420 / 1,130	16.5 / 44.5	420 / 1,130	16.5 / 44.5	420 / 1,130	16.5 / 44.5	420 / 1,130	
11	3A 3A		A	3	A	3A		4A					
12	deg		6° / 8°		6° / 8°		6° / 8°		6° / 8°		6° / 8°		
13	in mm		161.5 <i>4,102</i>		150.3	3,818	144.1 3,660		156.0 3,962		161.5	4,102	
14	in	mm	116.2	2,952	105.0	2,668	110.7	2,812	110.7	2,812	116.2	2,952	
15	in	mm	57.1	1,450	57.1	1,450	57.1	1,450	57.1	1,450	57.1	1,450	
16	in		88.0	2,236	88.0	2,236	88.0	2,236	88.0	2,236	88.0	2,236	
		mm						-				-	
17	in	mm	40.9	1,040	40.9	1,040	40.9	1,040	40.9	1,040	40.9	1,040	
18	in :-	mm	92.5	2,350	92.5	2,350	92.5	2,350	92.5	2,350	92.5	2,350	
19	in	mm	15.6	396	15.6	396	15.6	396	15.6	396	15.6	396	
20	in	mm	103.8	2,637	89.9	2,284	96.5	2,450	96.5	2,450	103.8	2,637	
21	in	mm	20.1	510	20.1	510	20.1	510	20.1	510	20.1	510	
22	in	mm	123.9	3,147	110.0	2,794	116.5	2,960	116.5	2,960	123.9	3,147	
			2EP	8500	2EPC	9000	2EP:	9000	2EP1	10000	2EP	11000	
23	mph	km/h	8.7 / 9.6	14 / 15.5	8.7 / 9.6	14 / 15.5	8.7 / 9.6	14 / 15.5	8.7 / 9.3	14 / 15	8.4 / 9	13.5 / 14.5	
24	mph	km/h	9.3 / 10.3	15 / 16.5	9.3 / 10.3	15 / 16.5	9.3 / 10.3	15 / 16.5	9.3 / 10	15 / 16	9 / 9.6	9.6 / 15.5	
25	fpm	m/s	59.1 / 80.7	0.30 / 0.41	59.1 / 80.7	0.30 / 0.41	59.1 / 80.7	0.30 / 0.41	55.1 / 80.7	0.28 / 0.41	53.1 / 78.7	0.27 / 0.40	
26	fpm	m/s	65.0 / 88.6	0.33 / 0.45	65.0 / 88.6	0.33 / 0.45	65.0 / 88.6	0.33 / 0.45	65.0 / 88.6	0.33 / 0.45	61.0 / 88.6	0.31 / 0.45	
27	fpm	m/s	102.4 / 92.5	0.52 / 0.47	102.4 / 92.5	0.52 / 0.47	102.4 / 92.5	0.52 / 0.47	102.4 / 92.5	0.52 / 0.47	100.4 / 98.4	0.51 / 0.50	
28	fpm	m/s	108.3 / 98.4	0.55 / 0.50	108.3 / 98.4	0.55 / 0.50	108.3 / 98.4	0.55 / 0.50	108.3 / 98.4	0.55 / 0.50	108.3 / 98.4	0.55 / 0.50	
29	9	%	8	.1	8	.1	8.1		7.5		7.1		
30			.4	9	.4	8.8		8.4					
31	%		20.4		20.4		20.4		20		18.9		
32			23.4		23.9		23.9		23.4		22.2		
	25.4 2EP8500			,	2EPC			9000	2EP10000		2EP11000		
33	lb	kg	15,580	7,067	15,637	7,093	15,547	7,052	16,402	7,440	17,476	7,927	
34	lb lb	kg	21,886 / 2,522	9,927 / 1,144	23,200 / 2,358	10,524 / 1,069	23,039 / 2,429	10,450 / 1,102	24,656 / 2,747	11,184 / 1,246	25,528 / 2,971	11.579 / 1.348	
		-										7 7	
35	lb	ку	kg 8,448 / 7,132 3,832 / 3,235 7,962 / 7,675 3,612 / 3,481			8,200 / 7,349	3,720 / 3,333	8,196 / 8,207 3,718 / 3,722		8,551 / 8,925 3,879 / 4,048			
	2EP8500		2EPC9000		2EP9000		2EP10000		2EP11000				
36	in		28 x 12.5 - 15		28 x 12.5 - 15		28 x 12.5 - 15		28 x 12.5 - 15		28 x 12.5 - 15		
37	i	in 23 x 10 - 12		21 x 8 - 9		21 x 8 - 9		21 x 8 - 9		23 x 10 - 12			
38	in	mm	81.9	2,080	73.1	1,856	78.7	2,000	78.7	2,000	81.9	2,080	
39	in	mm	43.9 / 47.2	1,115 / 1,200	43.9 / 37.4	1,115 / 950	43.9 / 37.4	1,115 / 950	43.9 / 37.4	1,115 / 950	43.9 / 47.2	1,115 / 1,200	
40	in	mm	4.8	122	4.8	122	4.8	122	4.8	122	4.8	122	
41	in	mm	5.9	150	5.9	150	5.9	150	5.9	150	5.9	150	
42	ty	ре	wet disc	hydraulic	wet disc	hydraulic	wet disc	hydraulic	wet disc	hydraulic	wet disc	hydraulic	
43	type		hydr	hydraulic		aulic	hydraulic		hydraulic		hydraulic		
			2EP8500		2EPC9000		2EP9000		2EP10000		2EP11000		
44	in	mm	39.33x40.47x30.87	1	33.66x40.47x30.87		39.33x40.47x30.87		39.33x40.47x30.87	999x1028x784	39.33x40.47x30.87		
45	lb	kg	4,562 / 5,186	2,069 / 2,352	3,902 / 4,436	1,770/2,012	4,562 / 5,186	2,069 / 2,352	4,562 / 5,186	2,069 / 2,352	4,562 / 5,186	2,069 / 2,352	
46	HP	kW	19	14	19	14.5	19	14	19	14	19	14	
47	HP	kW	24	18	24	18	24	18	24	18	24	18	
48	HP	kW		20	27	20		20	27	20		20	
		_	27				27				27		
49	HP kW		32 24		32 24		32 24		32 24		32	/alta	
50	Volt		80 Volts		80 Volts		80 Volts		80 Volts		80 Volts		
51	type		AC / AC		AC / AC		AC / AC		AC / AC		AC / AC		
52	PSI	Мра	2900	20	2900	20	2900	20	2900	20	2900	20	
53	gpm	lpm	7.9	30	7.9	30	7.9	30	7.9	30	7.9	30	

2EPC7000-2EP11000





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.

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 forklift truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

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.

MORE OPTIONS







Dual solid pneumatic tires



Electric heater





Access authorization



Rear charging port



Light packages



Cold storage / Tropics modification



Joystick unitized control



Advanced ergo seat



Hydraulic accumulator



Raised operator cab (for special applications)

Enhance Your Operation

Additional options are also available to further customize the lift truck for your business.

Comfort (closed) cabin

Helps protect operators from adverse weather conditions. This cabin has additional options to further boost productivity in even the harshest environments.

Access authorization

Allows operator access via keypad with assigned user codes.

Advanced ergo seat

This 5-way adjustable seat can improve operator comfort when driving over long distances.

Hydraulic accumulator

Provides additional cushioning when carrying heavy loads.

Dual solid pneumatic tires

Better distributes floor loading weight on unpaved surfaces when carrying a load.

Cold storage or Tropics modification

Equips the lift truck with special fluids and conditioning for optimal performance in cold or humid storage environments.

Travel speed reduction

Limits the top travel speed based on workplace preferences.





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.

1-800-CAT-LIFT | www.logisnextamericas.com/cat

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Some products may be shown with optional equipment.

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