

PRODUCTIVITY, WHERE IT MATTERS

3,000-4,000 lb. Capacity
(1,300 / 1,800 KG)

FORK-OVER AND STRADDLE WALKIE STACKERS EQ LINE

CAT®

EASY TO OPERATE
EASY TO OWN

Maximize Your Business

The Cat® EQ line of walkie stackers is designed to provide your business with maximum performance and efficiency. These stackers are ideal for distribution centers, manufacturing facilities, retail backrooms, and general warehouse operations requiring efficient pallet handling.



ADVANTAGES TO YOU:

- Excellent visibility and precise load placement for pallet stacking and transport in space-constrained environments.
- Quality drive systems, robust chassis construction, and industry-proven components work together to provide reliable operation shift after shift.
- Available with lithium-ion or lead-acid battery options depending on model. Maintenance-friendly battery solutions support extended operating times and efficient warehouse workflows.
- Smooth lifting and lowering functions and easy to reach controls enhance productivity.

OPERATE WITH EASE AND COMFORT

- Integrated travel, lift, and lowering controls.
- Long tiller designs available for select models.
- PIN-code access and operator display functions available on applicable models.
- Convenient access to essential operating functions.

ERGONOMIC TILLER DESIGN

- Convenient component access minimizes maintenance downtime.
- Responsive controls for efficient load handling.
- Intelligent diagnostics streamline service and repairs.

SMART CONTROL AND EASY MAINTENANCE

- Lithium-ion technology available on select models
- Fast charging in as little as 4 hours available on specific configurations
- Battery capacities up to 24V/270Ah+
- Smart battery management for improved efficiency

OPTIMIZED BATTERY PERFORMANCE

Flexible battery solutions deliver reliable power, efficient operation, and extended runtime for a wide range of material handling applications.

Designed for Comfort, Performance And Durability

WALKIE STACKERS

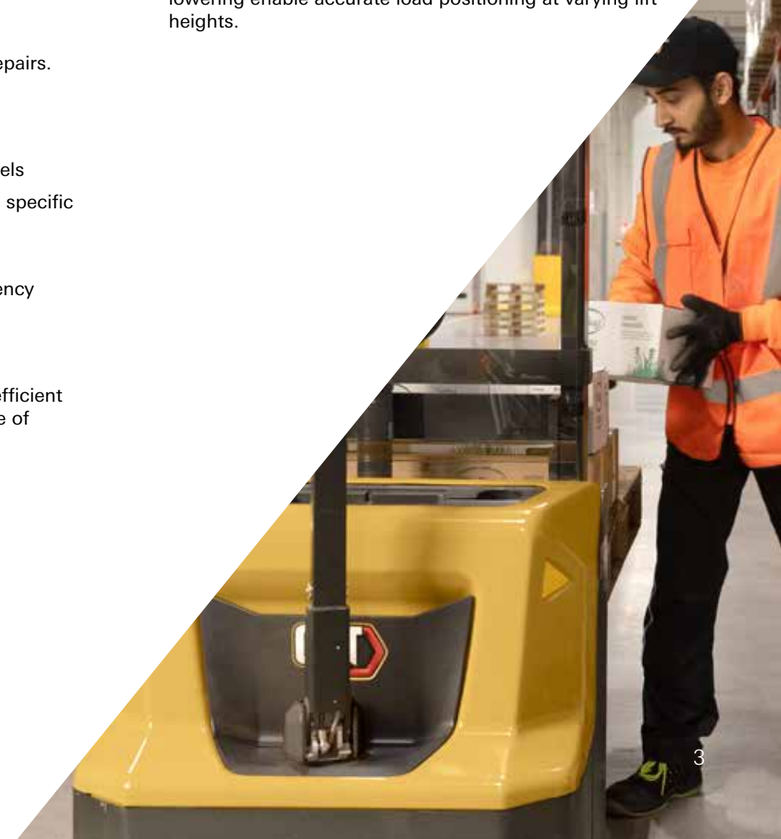
- Full Free Lift Mast - Provides lifting capability without increasing mast height, making it ideal for low-clearance environments.
- Compact Lithium-Powered Design - Standard lithium-ion battery technology delivers low maintenance operations and fast charging capabilities.

WALKIE STACKER WITH PLATFORM

- Ride-On Productivity - Foldable operator platform supports longer travel distances and higher throughput warehouse operations.
- Built for Multi-Shift Operation- Available high capacity battery options and AC drive technology support demanding warehouse environments.

WIDE STRADDLE STACKERS

- Adjustable Straddle Stackers - Adjustable straddle leg design accommodates a wide range of pallet sizes and load types.
- Proportional Lift Control - Electronic proportional lifting and lowering enable accurate load positioning at varying lift heights.





Factory warranty for added protection



Custom financing packages



Local service and support



Genuine OEM parts

MORE CONFIDENCE

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.

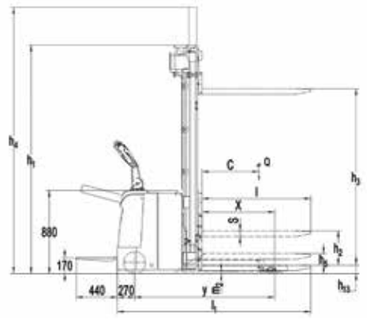
WHEN EVERY PART COUNTS

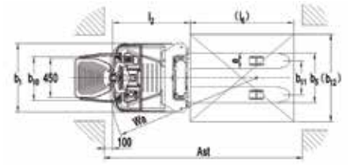
When buying from your local Cat lift truck dealer, you can rest assured that your genuine OEM parts are manufactured to meet original equipment criteria. Additionally, all Cat lift trucks OEM parts come with a six-month, unlimited-hours warranty.

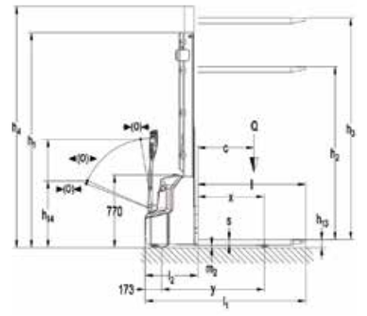
When speed is critical, our Parts Fast Or Parts Free Guarantee* ensures next-business-day delivery of all Cat lift trucks parts, or they're free, including freight. If your part doesn't come in by the next business day, we pay for it.

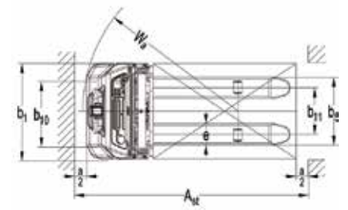
STANDING BEHIND OUR PRODUCTS

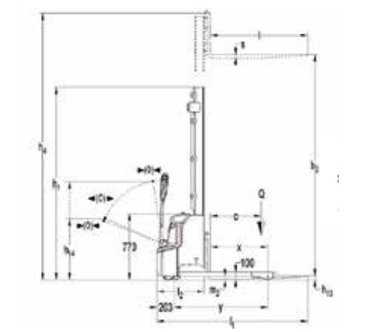
We deliver peace of mind by helping your lift trucks stay on the job. Every new Cat lift truck is covered by a 1-year / 2,000-hours warranty that includes parts and labor, as well as components and systems. With our standard 2-year / 4,000-hours extended powertrain warranty, you'll have the confidence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

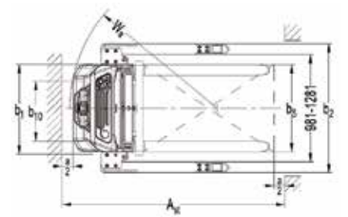


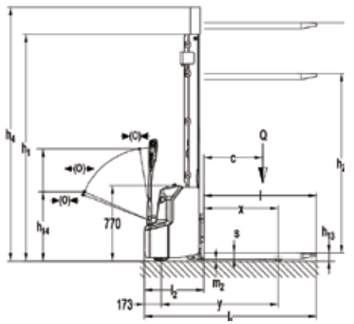


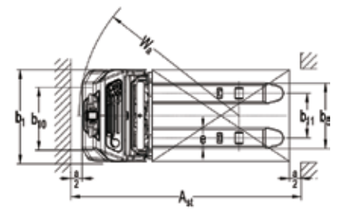












Call-out numbers shown in the diagram correspond to the first column of the specifications chart.

Safety Standards

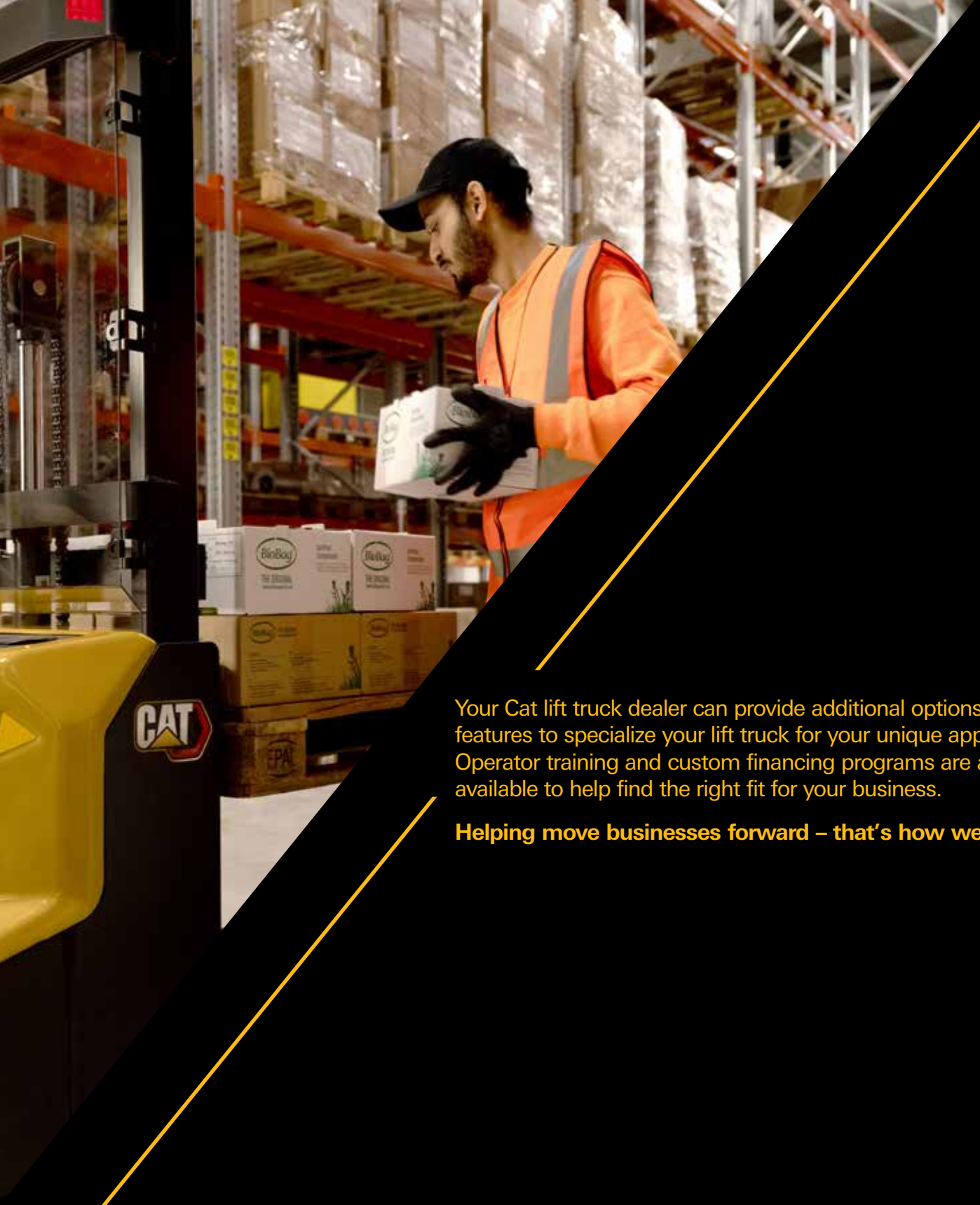
These trucks are CE certified and meet the applicable European safety requirements.

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.

Specifications

	Characteristics			NSP13-EQL		NSP13S-EQL		NSV16-EQL		NSP16S-EQL		NSP18S-EQL	
1	Load Capacity at rated load center	lb	*kg*	3,000	*1,300*	3,000	*1,300*	3,500	*1,600*	3,500	*1,600*	4,000	*1,800*
2	Rated load center	in	*mm*	23.6	*600*	23.6	*600*	23.6	*600*	23.6	*600*	23.6	*600*
3	Load distance, center of drive axle to fork face	in	*mm*	28	*710*	26.5	*674*	25.5	*647*	26.1	*664*	25.5	*647*
4	Wheelbase	in	*mm*	43.2	*1,097*	43.7	*1,111*	47.8	*1,215*	54.3	*1,378*	54.3	*1,378*
	Dimensions			**NSP13-EQL**		**NSP13S-EQL**		**NSV16-EQL**		**NSP16S-EQL**		**NSP18S-EQL**	
6	Lowered Mast Height	in	*mm*	89.8	*2,280*	90.2	*2,290*	94.8	*2,408*	83	*2,108*	87.7	*2,228*
7	Free Lift Height	in	*mm*	70.9	*1,800*	70.9	*1,800*	71.7	*1,820*	59.8	*1,520*	59.8	*1,520*
8	Lift Height	in	*mm*	138.2	*3,510*	138.2	*3,510*	213	*5,410*	177.6	*4,510*	177.6	*4,510*
9	Extended Mast Height	in	*mm*	157.1	*3,990*	159.6	*4,055*	240.6	*6,110*	200	*5,080*	204.7	*5,200*
10	Height of tiller min./max.	in	*mm*	28 / 45.3	*710 / 1,150*	28 / 45.3	*710 / 1,150*	37.4 / 53.1	*950 / 1,350*	35 / 55.9	*890 / 1,420*	35 / 55.9	*890 / 1,420*
11	Height, lowered	in	*mm*	3.5	*90*	2	*50*	3.5	*90*	2	*50*	2	*50*
12	Overall Length	in	*mm*	67.3	*1,710*	70.5	*1,790*	74.6	*1,896*	81.7	*2,075*	82.4	*2,092*
13	Length to Face of Forks	in	*mm*	22	*560*	25.2	*640*	29.4	*746*	36.4	*925*	37.1	*942*
14	Overall Width	in	*mm*	31.5	*800*	31.5	*800*	31.1	*790*	32.1/46-58	*816/1170-1470*	32.1/46-58	*816/1170-1470*
15	Fork Dimensions - thickness/width/length	in	*mm*	2.4/7.1/45.3	*60/180/1,150*	1.6/3.9/45.3	*40/100/1,150*	2.4/7.1/45.3	*60/180/1,150*	1.6/3.9/45.3	*40x100x1,150*	1.6/3.9/45.3	*40x100x1,150*
16	Width Across Forks	in	*mm*	22.4-27.0	*570-685*	9.9-31.5	*252-800*	22.4-27.0	*570/685*	8.7-32.7	*222-830*	8.7-32.7	*222-830*
17	Ground clearance, center of wheelbase	in	*mm*	0.94	*24*	1.57	*40*	1.1	*28*	1.57	*40*	1.57	*40*
18	Right angle stack with 40 x 48 pallet	in	*mm*	87.4	*2,220*	90.2	*2,291*	93.9	*2,386*	98.5	*2,502*	99	*2,515*
19	Turning Radius	in	*mm*	51.2	*1,300*	53	*1,345*	55.9	*1,420*	61	*1,550*	61	*1,550*
	Performance			**NSP13-EQL**		**NSP13S-EQL**		**NSV16-EQL**		**NSP16S-EQL**		**NSP18S-EQL**	
21	Travel Speed, loaded/unloaded	mph	*km/h*	2.6 / 2.8	*4.2 / 4.5*	2.6 / 2.8	*4.2 / 4.5*	3.7 / 4.3	*6.0/7.0*	3.4 / 3.7	*5.4 / 6*	3.4/3.7	*5.4 / 6*
22	Lift Speed, loaded/unloaded	fpm	*m/s*	19.7 / 27.6	*0.1 / 0.14*	19.7 / 27.6	*0.1 / 0.14*	25.6 / 39.4	*0.13 / 0.2*	25.6 / 35.4	*0.13 / 0.18*	25.6 / 35.4	*0.13 / 0.18*
23	Lowering Speed, loaded/unloaded	fpm	*m/s*	25.6 / 21.7	*0.13 / 0.11*	25.6 / 21.7	*0.13 / 0.11*	55.1 / 45.3	*0.28 / 0.23*	39.4 / 27.6	*0.2 / 0.14*	39.4 / 27.6	*0.2 / 0.14*
24	Max Gradeability, loaded/unloaded	%		4 / 10		4 / 10		6 / 12		6 / 12		6 / 10	
25	Service Brake			electromagnetic		electromagnetic		electromagnetic		electromagnetic		electromagnetic	
	Weight			**NSP13-EQL**		**NSP13S-EQL**		**NSV16-EQL**		**NSP16S-EQL**		**NSP18S-EQL**	
28	Service Weight	lb	*kg*	1,477	*670*	1,841	*835*	3,042	*1,380*	3,263	*1,480*	3,439	*1,560*
29	Axle loading - loaded, front/rear	lb	*kg*	1,235/3,109	*560/1,410*	1,400/3,241	*635/1,470*	2,292/4,277	*1,040/1,940*	1,823/4,967	*827/2,253*	1,966/5,243	*892/2,378*
30	Axle loading - unloaded, front/rear	lb	*kg*	1,058/419	*480/190*	1,312/529	*595/240*	2,072/970	*940/440*	1,905/1,358	*864/616*	2,037/1,402	*924/636*
	Chassis			**NSP13-EQL**		**NSP13S-EQL**		**NSV16-EQL**		**NSP16S-EQL**		**NSP18S-EQL**	
31	Tires			Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)		Polyurethane (PU)	
32	Tire Size Front	in	*mm*	8.3x3.0	*210x75*	8.3x3.0	*210x75*	9.1x2.8	*230x70*	9.1x2.8	*230x70*	9.1x2.8	*230x70*
33	Tire Size Rear	in	*mm*	3.3x3.7	*84x93*	3.3x3.7	*84x93*	3.3x2.8	*84x70*	3.3x2.8	*84x70*	3.3x2.8	*84x70*
34	Additional Wheels	in	*mm*	3.9x2.0	*100x50*	3.9x1.6	*100x40*	5.9x2.1	*150x54*	3.9x1.6	*100x40*	3.9x1.6	*100x40*
35	Wheels, number front / rear (x = driven wheels)			1x+1/2		1x+2/2		1x+1/4		1x+2/4		1x+2/4	
36	Tread Front	in	*mm*	21.7	*550*	20.5	*520*	20.1	*510*	19.7	*500*	19.7	*500*
37	Tread Rear	in	*mm*	15.7/20.3	*400/515*	N/A	*N/A*	15.4/19.9	*390/505*	N/A	*N/A*	N/A	*N/A*
	Motors			**NSP13-EQL**		**NSP13S-EQL**		**NSV16-EQL**		**NSP16S-EQL**		**NSP18S-EQL**	
41	Drive Motor Rating	hp	*kW*	0.87	*0.65*	0.87	*0.65*	1.88	*1.4*	1.88	*1.4*	1.88	*1.4*
42	Lift Motor Rating	hp	*kW*	2.95	*2.2*	2.95	*2.2*	4.29	*3.2*	4.29	*3.2*	4.29	*3.2*
43	Battery acc. to DIN 43531 / 35 / 36 A, B, C, no			No		No		3VBS		3VBS		3VBS	
44	Battery voltage, nominal capacity K_5	V/Ah		24/100		24/100		24/210-270		24/270		24/270	
45	Battery Weight	lb	*kg*	57	*26*	57	*26*	408	*185*	507	*230*	507	*230*
46	Energy Consumption	kWh/h		0.68		0.7		1.34		1.59		1.7	
	Other			**NSP13-EQL**		**NSP13S-EQL**		**NSV16-EQL**		**NSP16S-EQL**		**NSP18S-EQL**	
43	Type of drive control			DC		DC		AC		AC		AC	
44	Sound level	*d(B)A*		<70		<70		<69		<70		<70	

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



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

© 2026 Logisnext Americas Inc. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow", the "Power Edge", and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar used under license and may not be used without permission from Caterpillar.

Some products may be shown with optional equipment.

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.

CECV0401EQ 11/26