



CAT® Lift Trucks

7,000-15,500 LB CAPACITY LP GAS CUSHION TIRE LIFT TRUCKS

Quality

Reliability

Customer Service

MODEL NUMBER	CAPACITY AT 24 IN LOAD CENTER (LB)
GC35K	7,000
GC40K	8,000
GC40K STR	8,000
GC45K SWB	10,000
GC45K	10,000
GC55K	12,000
GC55K STR	12,000
GC60K	13,500
GC70K	15,500
GC70K STR	15,500

Many features help define this large-scale internal combustion cushion tire Cat® lift truck. It uses a cooling system that helps protect against overheating. The operator's seat gives unmatched comfort with freedom of movement. Entry and exit are easy. A rugged engine delivers essential high torque at low speeds. And an extra-large transmission cooler helps maintain proper operating temperatures.

Everything
You've Come To Expect.





CATERPILLAR

Lasting Comfort And Low-Cost Replacement

Improved body support and lasting comfort are keys to reducing operator fatigue. Our seat's practical two-piece design allows you to replace only one piece at a time, not the entire seat assembly.

Specially Contoured Semi-Suspension Seat

The seat is specifically designed for operator comfort, making it easy to shift and reposition one's body. For added comfort, this seat is adjustable for lumbar support and position in relation to the steering, hydraulic and foot controls.



Flex-Comfort Seat Belt

The design of the flex-comfort seat belt features a resilient section of the belt that gives the operator an extra measure of freedom when turning the body constantly to the side in reverse travel—without compromising security.





Visible Gauges

The instrument panel is mounted on the steering column and tilts with the wheel to provide readily visible monitoring of truck functions. Gauges for engine coolant temperature and hour meter are standard; as are lights for the malfunction indicator, transmission oil temperature, low brake fluid level, engine oil pressure, alternator charging and air cleaner service.



Infinitely Adjustable Tilt Wheel

The steering wheel can be infinitely adjusted to accommodate operator comfort preferences. The gas-assist system provides smooth, effortless positioning of the wheel over a full 12 degrees of movement.

Cowl-Mounted Hydraulic Control Levers

Hydraulic levers are positioned in a slight downward arc for easy, fingertip access. The design also allows precise, short throws. The position of the levers helps avoid interfering with the operator's movements when working in a reverse direction.



Step Up And Step Down With Ease

An open-step frame plus an easy-to-reach grab bar allow easy step-up/step-down entry and exit. Durable, stainless steel, slip-resistant plates help provide a long-lasting gripping surface and can be easily removed and cleaned.



Rugged Mast Offers Good Visibility

Operator visibility is achieved by narrow flanges with deep web channels to provide necessary strength. Tapered fork bars allow good visibility through the carriage. The Triplex mast provides smooth, hydraulic cushioning during downward travel into the free lift phase. This feature helps reduce the risk of abrupt, jarring stops that can potentially damage loads.

Standard Protection

The seat activated transmission interlock system offers protection to the operator and nearby pedestrians by temporarily disengaging the drive function if the operator leaves the normal seated operating position. The operator must recycle the directional control lever once he returns to the seated position to reactivate normal travel function.

Short Turning Radius

Models are available with extra-heavy, lead-filled counterweights. This design permits a short turning radius, allowing for greater maneuverability and rearward visibility in confined areas, such as loading and unloading rail cars.





CATERPILLAR

CAT

Strong, Responsive Transmissions

A single-speed powershift transmission is standard on all 7,000 through 12,000 lb capacity models. A two-speed automatic transmission on the 13,500 and 15,500 lb capacity models better matches engine output to load carrying capacity. This automatic transmission is designed to avoid transmission wear by not starting out in second speed.



Easy-To-Access Engine

The seat design also makes engine access easy. Just release one pin, and the seat back folds forward. Then press a latch button, and the engine hood and seat assembly are easily lifted and held in a fully-opened position by a gas-assist spring. The engine compartment is exposed for quick, easy inspection and maintenance.

Dependable Braking

Only nominal foot pedal pressure is required for stopping with the vacuum-boosted brake system. An accumulator in the system provides effective boosted braking if the engine should unexpectedly stall. This braking feature is important on ramps, docks or in areas where there is pedestrian traffic.

Effective Cooling System

To help prevent overheating under continuous, heavy-load conditions, the cooling system is designed to effectively cool three critical fluids—engine coolant, engine oil and transmission oil. With each fluid individually cooled, the engine delivers rugged, cool-running performance. To help further ensure a cool-running engine, the coolant and engine oil pass through individual compartments of a uniquely designed, high-capacity radiator.



Tapered Engine Hood

The engine hood provides an extra-large floor area, allowing the operator to swing his legs into and out of the seat. Covered tilt cylinders provide an uncluttered appearance and are positioned to give operators more freedom of movement.



Powerful, Smooth-Running Engine

This lift truck is powered by a rugged GM 4.3 liter V6 engine which features hardened valve seats as standard. Its counter-rotating balance shaft and four main bearings reduce vibrations to deliver smooth, quiet performance. The engine produces high torque at low speeds, which is absolutely essential for handling heavy loads. A proven electronically-controlled VORTEC® induction system optimizes fuel and air mixture that burns thoroughly to give efficient low-end power while meeting stringent Environmental Protection Agency (EPA) requirements. Operators will appreciate the low-speed, idle-up governor that helps reduce the chance of stalling when operating under heavy loads.

Extra Sound-And-Vibration Dampening Measures

Excessive noise is reduced, subduing a potential source of operator fatigue. Measures include a sound-insulating barrier under the hood, a rubber floor mat to muffle powertrain operation, special vibration-absorbing mounts for the engine and steering pump, a whisper-quiet, nylon cooling fan and a catalytic muffler.

The Extra-Large Transmission Oil Cooler

The oil cooler has a 155 sq in cooling surface located in front of the fan at the highest point of the engine. This location is removed from floor dirt and other potential contaminants to help provide clean air flow and easy access for routine maintenance.

Option Packages

Cat Lift Trucks offers five innovative Option Packages specifically designed for those heavy duty applications. Equip your GC series trucks with these options, and maximize the ROI on your equipment:

- Dust & Foundry Package - protects the equipment from dust, dirt and other contaminants.
- Paper Application Package - enhances the hydraulic and cooling capabilities of the truck.
- Product Protection Package - reduces paper damage during the material handling process.
- High Pass-Through Cooling Package - enhances the cooling capabilities of the truck and lowers the debris accumulation in the engine compartment.
- Operator Comfort Package - designed to enhance overall operator comfort and productivity.

Please contact your local Cat Lift Truck dealer for more information on which package may best suit your specific applications and material handling requirements.

Ask For A Demonstration

The advantages of the 7,000-15,500 lb capacity LP gas cushion tire lift trucks become obvious with a demonstration. See strong proof that Cat Lift Trucks and your Cat lift truck dealer can offer you more productivity-driven benefits for a strong return on your equipment investment.

Call for an appointment today.



Specifications

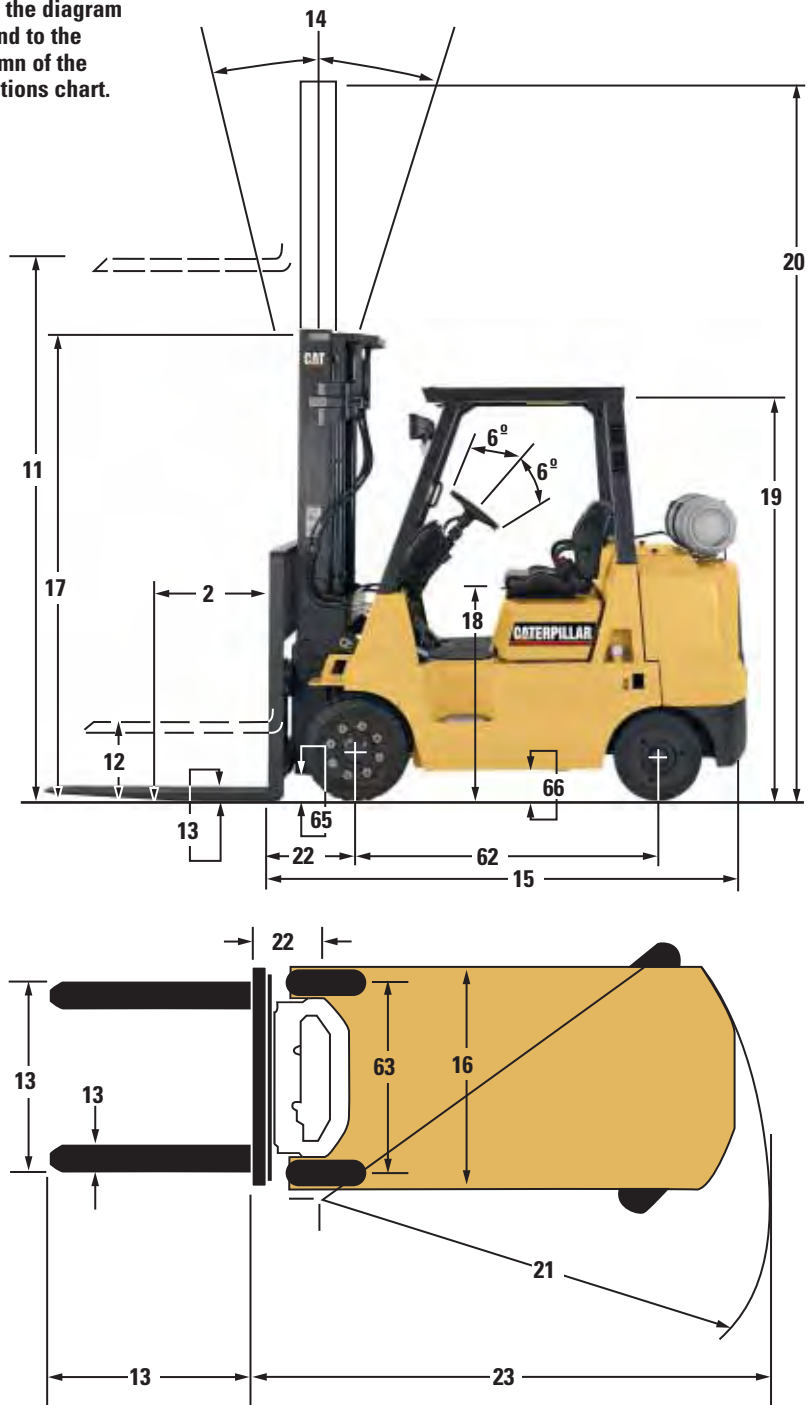
CHARACTERISTICS				GC35K		GC40K		GC40K		
1	Capacity	at rated load center	lb	kg	7,000	3,500	8,000	4,000	8,000	
2		at load center – distance	in	mm	24.0	500	24.0	500	24.0	
3	Power	diesel, gasoline, LP gas			LP gas		LP gas		LP	
4	Tire type	cushion, pneumatic			cushion		cushion		cush	
5	Wheels (x = driven)	number front / rear			2x / 2		2x / 2		2x	
DIMENSIONS										
10	Lift	maximum fork height with rated load	in	mm	183	4,650	183	4,650	159	
11	Lift with standard two-stage mast	maximum fork height	in	mm	120	3,050	120	3,050	120	
12		free fork height	in	mm	5.9	150	5.9	150	5.9	
13	Forks	thickness x length x width	in	mm	2.0 x 48.0 x 6.0	50 x 1,220 x 150	2.0 x 48.0 x 6.0	50 x 1,220 x 150	2.0 x 48.0 x 6.0	
	Fork spacing	out-to-out minimum / maximum	in	mm	12.0 / 41.5	300 / 1,060	12.0 / 41.5	300 / 1,060	12.0 / 41.5	
14	Tilt	forward / backward			5.0 / 10.0		5.0 / 10.0		5.0 /	
15	Overall dimensions	length to fork face	in	mm	98.5	2,510	100	2,550	93.5	
16		width	with standard tires	in	mm	46.5	1,180	46.5	1,180	46.5
			w/standard tires, wide stance	in	mm	50.0	1,270	50.0	1,270	50.0
17		height	with lowered mast	in	mm	85.0	2,155	85.0	2,155	85.0
18			seat height	in	mm	43.5	1,100	43.5	1,100	43.5
19			to top of overhead guard	in	mm	85.0	2,155	85.0	2,155	85.0
20	with extended mast		in	mm	167	4,250	167	4,250	167	
21	Minimum outside turning radius		in	mm	88.0	2,235	90.0	2,285	82.5	
22	Load moment constant		in	mm	17.7	450	17.7	450	17.7	
23	Minimum aisle – 90° stack – zero clearance		in	mm	106	2,690	108	2,740	100	
PERFORMANCE										
40	Speeds	travel loaded / empty	mph	km/h	12.0 / 12.5	19.0 / 19.5	12.0 / 12.5	19.0 / 19.5	12.0 / 12.5	
41		lift speed loaded / empty	fpm	mm/s	105 / 112	540 / 570	105 / 112	540 / 570	105 / 112	
42		lowering speed loaded / empty	fpm	mm/s	108 / 98.5	550 / 500	108 / 98.5	550 / 500	108 / 98.5	
43	Drawbar pull	loaded at 1 mph (1.6 kph)	lb	kg	6,300	2,850	6,300	2,850	6,300	
		loaded maximum	lb	kg	7,100	3,225	7,100	3,225	7,100	
44	Gradeability	loaded at 1 mph (1.6 kph)			37.0		33.0		32	
		maximum loaded / empty			42.0 / 24.0		37.0 / 21.0		36.0 /	
WEIGHT										
50	Empty		lb	kg	11,500	5,200	12,300	5,600	12,700	
51	Axle load	with rated load front / rear	lb	kg	16,290 / 2,210	7,670 / 1,030	17,810 / 2,490	8,440 / 1,160	18,240 / 2,460	
		without load front / rear	lb	kg	4,600 / 6,900	2,050 / 3,150	4,400 / 7,900	2,025 / 3,575	4,900 / 7,800	
CHASSIS										
60	Tire size	front, standard			22.0 x 9.0 x 16.0		22.0 x 9.0 x 16.0		22.0 x 9.0	
		front, standard wide-stance			22.0 x 9.0 x 16.0		22.0 x 9.0 x 16.0		22.0 x 9.0	
61		rear			18.0 x 7.0 x 12.1		18.0 x 7.0 x 12.1		18.0 x 7.0	
62	Wheelbase		in	mm	62.0	1,575	62.0	1,575	62.0	
63	Tread width	front, standard tires			37.0		37.0		37.0	
		front, wide-stance tires			41.0		41.0		41.0	
		rear tires			38.5		38.5		38.5	
65	Ground clearance	at lowest point @ mast			3.9		3.9		3.9	
		at center of wheelbase			5.9		5.9		5.9	
67	Brakes	service			foot, hydraulic		foot, hydraulic		foot, hy	
		parking			hand, mechanical		hand, mechanical		hand, me	
POWER TRAIN										
80	Engine	manufacturer and model			GM V6		GM V6		GM	
81		continuous output S.A.E. gross	HP	kW	92.5	69.0	92.5	69.0	92.5	
			at r.p.m.		2,450		2,450		2,4	
82		maximum torque S.A.E. gross	lb-ft	kg-m	220	31.0	220	31.0	220	
	at r.p.m.		1,200		1,200		1,2			
83	cylinder / displacement	cu in		cm ³	6 / 262	4,300	6 / 262	4,300	6 / 262	
84	Transmission	type			powershift		powershift		power	
85		number of speeds forward / reverse			1 / 1		1 / 1		1 /	
86	Relief pressure	for attachments	psi	bar	2,250	155	2,250	155	2,250	
87	Noise level	mean value at operator's ear			83.5		83.5		83	

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 Caterpillar Forklift America Inc. ("MCFA"). (See ASME B56.1 Part II 4.2.) 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.

STR	GC45K SWB		GC45K		GC55K		GC55K STR		GC60K		GC70K
4,000	10,000	4,500	10,000	4,500	12,000	5,500	12,000	5,500	13,500	6,000	15,500
500	24.0	600	24.0	600	24.0	600	24.0	600	24.0	600	24.0
gas	LP gas		LP gas		LP gas		LP gas		LP gas		LP gas
ion	cushion		cushion		cushion		cushion		cushion		cushion
2	2x / 2		2x / 2		2x / 2		2x / 2		2x / 2		2x / 2
3,625	209	5,300	189	4,810	189	4,810	172	4,370	188	4,760	188
3,050	114	2,900	114	2,900	114	2,900	114	2,900	93.0	2,350	93.0
150	6.3	160	6.3	160	6.3	160	6.3	160	6.5	165	6.5
50 x 1,220 x 150	2.0 x 48.0 x 6.0	50 x 1,220 x 150	2.0 x 48.0 x 6.0	50 x 1,220 x 150	2.0 x 48.0 x 6.0	50 x 1,220 x 150	2.0 x 48.0 x 6.0	50 x 1,220 x 150	2.0 x 48.0 x 6.0	50 x 1,220 x 150	2.0 x 48.0 x 6.0
300 / 1,060	12.0 / 41.5	300 / 1,060	12.0 / 41.5	300 / 1,060	12.0 / 41.5	300 / 1,060	12.0 / 41.5	300 / 1,060	12.0 / 41.5	300 / 1,060	12.0 / 41.5
10.0	5.0 / 10.0		5.0 / 10.0		5.0 / 10.0		5.0 / 10.0		6.0 / 9.0		6.0 / 9.0
2,360	103	2,620	107	2,730	115	2,910	104	2,640	116	2,950	116
1,180	46.5	1,170	46.5	1,170	52.0	1,320	52.0	1,320	52.0	1,320	56.5
1,270	56.0	1,420	56.0	1,420	56.0	1,420	56.0	1,420	-	-	-
2,155	85.0	2,155	85.0	2,155	85.0	2,155	85.0	2,155	87.0	2,205	87.0
1,100	43.5	1,100	43.5	1,100	43.5	1,100	43.5	1,100	45.5	1,150	45.5
2,155	85.0	2,155	85.0	2,155	85.0	2,155	85.0	2,155	87.0	2,205	87.0
4,250	162	4,130	162	4,130	162	4,130	162	4,130	141	3,585	141
2,090	92.0	2,340	96.0	2,440	100	2,550	92.5	2,350	101	2,570	101
450	18.3	465	18.9	480	18.9	480	18.9	480	20.9	530	20.9
2,540	110	2,810	115	2,920	119	3,030	111	2,830	122	3,100	122
19.0 / 19.5	11.5 / 12.5	18.5 / 19.5	11.5 / 12.5	18.5 / 19.5	11.5 / 12.5	18.5 / 19.5	11.5 / 12.5	18.5 / 19.5	13.0 / 14.5	23.0 / 24.5	13.0 / 14.5
540 / 570	78.0 / 82.5	390 / 420	78.0 / 82.5	390 / 420	78.0 / 82.5	390 / 420	78.0 / 82.5	390 / 420	71.0 / 76.0	360 / 390	71.0 / 76.0
550 / 500	86.5 / 81.0	440 / 410	86.5 / 81.0	440 / 410	86.5 / 81.0	440 / 410	86.5 / 81.0	440 / 410	106 / 77.0	540 / 390	106 / 77.0
2,850	6,200	2,800	6,200	2,800	6,100	2,775	6,100	2,775	7,800	3,550	7,700
3,225	7,000	3,175	7,000	3,175	6,900	3,125	6,900	3,125	9,400	4,275	9,300
0	27.0		26.0		22.5		22.0		24.5		21.5
21.5	30.0 / 17.5		30.0 / 24.0		26.0 / 20.0		25.0 / 21.0		30.0 / 22.0		27.0 / 20.5
5,700	14,300	6,500	14,500	6,600	15,800	7,200	16,200	7,400	19,300	8,800	20,900
8,550 / 1,150	21,150 / 3,150	9,520 / 1,480	21,825 / 2,675	9,840 / 1,260	24,625 / 3,175	11,260 / 1,140	25,050 / 3,150	11,470 / 1,430	29,175 / 3,625	13,040 / 1,760	32,300 / 4,100
2,150 / 3,550	4,200 / 10,100	1,925 / 4,575	5,700 / 8,800	3,075 / 3,925	5,300 / 10,500	2,425 / 4,775	5,700 / 10,500	2,625 / 4,775	7,300 / 12,000	3,300 / 5,500	7,200 / 13,000
0 x 16.0	22.0 x 9.0 x 16.0		22.0 x 12.0 x 16.0		22.0 x 12.0 x 16.0		22.0 x 12.0 x 16.0		28.0 x 12.0 x 22.0		28.0 x 12.0
0 x 16.0	22.0 x 9.0 x 16.0		22.0 x 12.0 x 16.0		22.0 x 12.0 x 16.0		22.0 x 12.0 x 16.0		-		-
0 x 12.1	18.0 x 7.0 x 12.1		18.0 x 8.0 x 12.1		18.0 x 8.0 x 12.1		18.0 x 8.0 x 12.1		22.0 x 8.0 x 16.0		22.0 x 8.0
1,575	62.0	1,575	70.0	1,780	70.0	1,780	70.0	1,780	72.0	1,830	72.0
940	37.0	940	40.0	1,015	40.0	1,015	40.0	1,015	44.5	1,130	44.5
1,040	41.0	1,040	44.0	1,120	44.0	1,120	44.0	1,120	-	-	-
980	38.5	980	38.0	965	38.0	965	38.0	965	45.5	965	45.5
100	3.9	100	3.9	100	3.9	100	3.9	100	3.9	100	3.9
150	5.9	150	6.0	153	6.0	153	6.0	153	8.0	202	8.0
draulic	foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic
mechanical	hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical
V6	GM V6		GM V6		GM V6		GM V6		GM V6		GM V6
69.0	92.5	69.0	92.5	69.0	92.5	69.0	92.5	69.0	92.5	69.0	92.5
50	2,450		2,450		2,450		2,450		2,450		2,450
31.0	220	31.0	220	31.0	220	31.0	220	31.0	220	31.0	220
00	1,200		1,200		1,200		1,200		1,200		1,200
4,300	6 / 262	4,300	6 / 262	4,300	6 / 262	4,300	6 / 262	4,300	6 / 262	4,300	6 / 262
shift	powershift		powershift		powershift		powershift		powershift		powershift
1	1 / 1		1 / 1		1 / 1		1 / 1		2 / 2		2 / 2
155	2,250	155	2,250	155	2,250	155	2,250	155	2,250	155	2,250
5	83.5		83.5		83.5		83.5		83.5		83.5

GC70K STR		
7,000	15,500	7,000
600	24.0	600
as	LP gas	
cushion	cushion	
2x / 2	2x / 2	
4,760	188	4,760
2,350	93.0	2,350
165	6.5	165
x 1,220 x 150	2.0 x 48.0 x 6.0	60.0 x 1,220 x 150
300 / 1,060	12/48.5	300/1,230
6.0 / 9.0	6.0 / 9.0	
2,950	107	2,730
1,440	56.5	1,440
-	-	-
2,205	87.0	2,205
1,150	45.5	1,150
2,205	87.0	2,205
3,585	141	3,585
2,570	97.0	2,470
530	20.9	530
3,100	118	3,000
23.0 / 24.5	13.0 / 14.5	23.0 / 24.5
360 / 390	71.0 / 76.0	360 / 390
540 / 390	106 / 77.0	540 / 390
3,500	7,700	3,500
4,250	9,300	4,250
21.5	20.5	
27.0 / 20.5	26.0 / 21.0	
9,500	22,000	10,000
1,590 / 1,910	33,000 / 4,475	15,000 / 2,030
300 / 6,200	7,900 / 14,100	3,600 / 6,400
x 22.0	28.0 x 12.0 x 22.0	
-	-	
x 16.0	22.0 x 8.0 x 16.0	
1,830	72.0	1,830
1,130	44.5	1,130
-	-	-
1,160	45.5	1,160
100	3.9	100
202	8.0	202
raulic	foot, hydraulic	
hanical	hand, mechanical	
GM V6	GM V6	
69.0	92.5	69.0
2,450	2,450	
31.0	220	31.0
1,200	1,200	
4,300	6 / 262	4,300
hift	powershift	
2 / 2	2 / 2	
155	2,250	155
83.5	83.5	

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



SAFETY STANDARDS

These trucks meet American-Society of Mechanical Engineers (ASME) B56.1, part III Safety Standards for powered industrial trucks.

UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only. Types LP, LPS (optional), Industrial Trucks.

Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- ASME B56.1, part II.
- 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.

Quality

Reliability

Customer Service

Everything
You've Come to Expect.



Unlimited Hours Warranty covers parts and labor for one year, regardless of service hours.

Parts Fast or Parts Free Guarantee ensures next-business-day availability (at dealer's location) of parts for all lift trucks or they are free, including freight.

Free Loaner Service Guarantee provides a lift truck until the repair is done if your lift truck is not repaired right the first time and within the quoted time.

Contact your Cat lift truck dealer for complete terms and conditions of these guarantees.

Cat Lift Trucks offers an extensive range of products and services. Your Cat lift truck dealer can provide options and additional visual and audible warning devices geared toward your specific applications and requirements. Operator training programs are also available to boost productivity and to help reduce the potential for product damage and personal injury.

Your Cat lift truck dealer can also provide a variety of financing and leasing options to suit the needs of your business.



1-800-CAT-LIFT
www.cat-lift.com