



CAT® L ft
Trucks

8,000-11,000 LB CAPACITY GAS, LP GAS, AND DIESEL PNEUMATIC TIRE LIFT TRUCKS

Quality

Reliability

Customer Service

MODEL	RATED CAPACITY AT 24 IN LOAD CENTER	500 MM LOAD CENTER	POWER
DP40K	8,000 lb	4,000 kg	Diesel
GP40K	8,000 lb	4,000 kg	Gas/LP Gas
MODEL	RATED CAPACITY AT 24 IN LOAD CENTER	600 MM LOAD CENTER	POWER
DP40KL	9,000 lb	4,000 kg	Diesel
GP40KL	9,000 lb	4,000 kg	Gas/LP Gas
DP45K	10,000 lb	4,500 kg	Diesel
GP45K	10,000 lb	4,500 kg	Gas/LP Gas
DP50K	11,000 lb	5,000 kg	Diesel
GP50K	11,000 lb	5,000 kg	Gas/LP Gas

One of the most successful Cat® lift trucks just got better! Our 8,000-11,000 lb capacity pneumatic tire lift trucks take quality and reliability to the next level, while providing all the customer service benefits you've come to expect from Cat Lift Trucks.

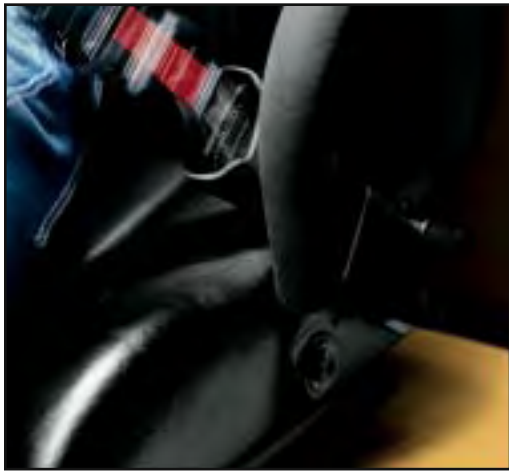
These rugged machines offer a spacious operator's compartment, a contoured semi-suspension seat and flexible operator restraint system, while the high-efficiency engine delivers top performance with vibration free smoothness.

Whether you're handling industrial materials or shipping products on a grueling schedule, these lift trucks work hard and long to get the job done.

Everything
You've Come To Expect.







Flex-Comfort Operator Restraint System

The resilient belt helps provide the operator with an extra measure of freedom, even when reverse travel requires extended turning in order to look back over the shoulder.

Specifically Contoured Semi-Suspension Seat

The seat offers a contoured fit designed for the operator who must shift and reposition the body repeatedly. For added comfort, this seat is adjustable for lumbar support and position in relation to the steering, hydraulic and foot controls.



Fingertip Transmission Control

The fingertip transmission control and easy-to-reach hydraulic lever can help improve productivity while helping to reduce operator fatigue.

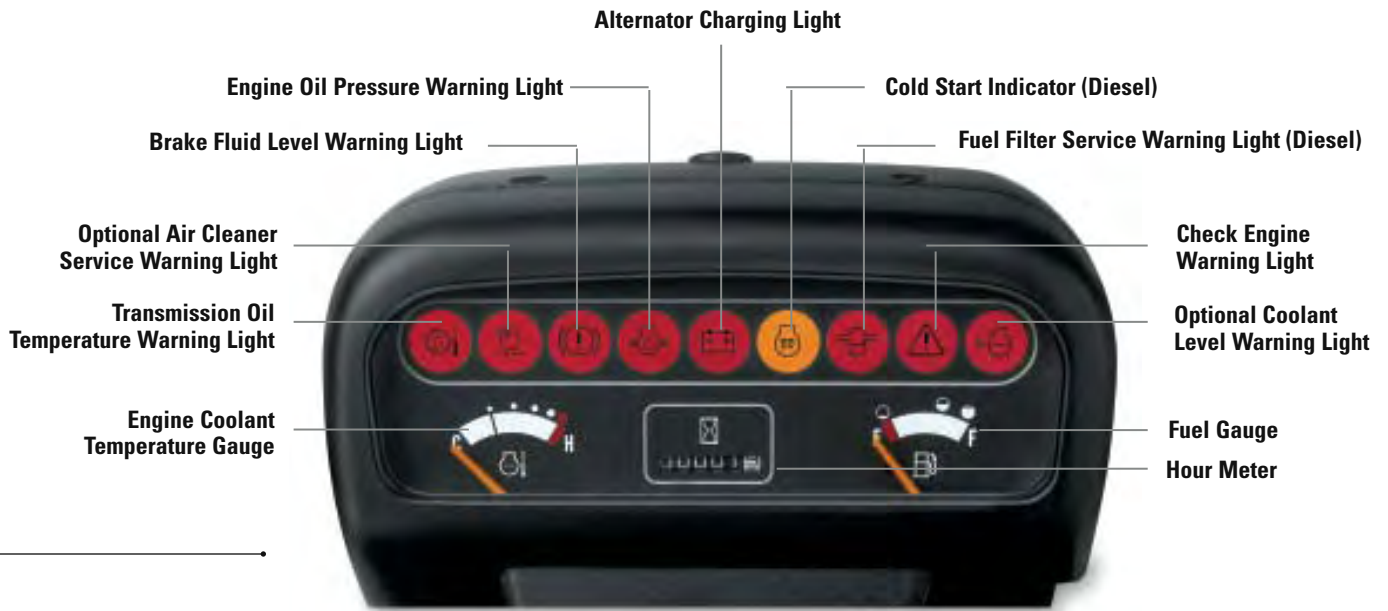


Infinitely Adjustable Tilt Steering Column

The steering column provides smooth positioning of the wheel over a full five inches of movement to accommodate many operator preferences. Positioning the wheel fully forward facilitates easy entry and exit.

Effortless Hydrostatic Steering

The hydrostatic fluid system helps provide effortless steering with no jolting kickbacks. The system uses minimal components with no mechanical linkages for reduced maintenance.



Monitoring Functions

The instrument panel tilts with the steering wheel for sustained visibility and helps provide easy monitoring of lift truck functions.

Hydrostatic Steer Axle

A priority valve is designed to direct the required oil flow to the steering pump to help ensure positive control during lift and tilt operations. Tapered roller bearings align the kingpins, helping to reduce wear and maintenance.



Low-Effort Braking

Highly reliable, self-adjusting, vacuum-assisted service brakes help to reduce operator fatigue while providing controlled braking performance.

High-Efficiency TB45 Gas/LP Gas Engines

These TB45 in-line 6-cylinder engines help provide smooth, quiet, reliable performance for a full range of applications.





Good Visibility

Operators who can view the forks and surroundings without contorting their bodies are more productive. The mast design features narrow flanges that contribute to improved visibility. Chain, hose routings, and primary lift cylinders are located behind the mast channels. Square fork bars create a window between the upper and lower fork bars for improved visibility through the carriage. The deep web of the channels adds strength, while sturdy cross members provide torsional rigidity. Downstroke cushioning helps provide smooth operational control for load handling, reduced operator fatigue, and decreased load damage.



Powerful In-Line 6-Cylinder Diesel Engines

These Mitsubishi engines provide extended performance with high fuel efficiency in the toughest environments to help sustain productivity and uptime.

Operator Efficiency And Comfort

A clean, unobstructed work environment enables the operator to perform more efficiently. A generous floor area enhances operator mobility. The open-step entry with slip-resistant steel plates and an easy-to-reach grab bar help facilitate cab access.

Overhead Air Intake

The air intake is positioned overhead to help optimize performance in dusty environments. A pusher-type, heavy-duty cooling fan helps to prevent the large, cross-flow radiator from clogging while providing sustained engine cooling.



Versatile, One-Speed Powershift Transmission

The powershift transmission offers exceptional control and performance for short runs. A two-speed automatic powershift transmission, standard on the 11,000 lb capacity model and optional on all others, provides excellent acceleration and a higher top speed for long-run applications.

Easy, Tool-Free Engine Access

Releasing a single pin allows the seat back to fold forward for easy access to the engine. A gas-assisted cylinder enables the engine hood and seat assembly to be lifted easily and held open, exposing the engine compartment for quick, easy inspection and maintenance. Advanced sound and vibration dampening help reduce operator fatigue. Features include a sound-insulating barrier under the hood; vibration-absorbing mounts for the engine, steering pump, and steering column; and a double-insulated muffler.



Specifications

CHARACTERISTICS			DP40K		GP40K		DP40KL				
1	Capacity	at rated load center	lb	kg	8,000	4,000	8,000	4,000	9,000	4,000	
2		at load center – distance	in	mm	24	500	24	500	24	600	
3	Power	electric, diesel, gasoline, LP gas			diesel		gasoline / LP gas		diesel		
4	Tire type	cushion, pneumatic			pneumatic / pneumatic		pneumatic / pneumatic		pneumatic / pneumatic		
5	Wheels (x = driven)	number front / rear			2x/2		2x/2		2x/2		
DIMENSIONS											
10	Lift	maximum fork height with rated load	in	mm	198	5,050	198	5,050	198	5,050	
11	Lift with standard two-stage mast	maximum fork height	in	mm	131	3,350	131	3,350	131	3,350	
12		free fork height	in	mm	5.9	150	5.9	150	5.9	150	
13	Forks	thickness x length x width	in	mm	2 x 48 x 5.9	50 x 1,220 x 150	2 x 48 x 5.9	50 x 1,220 x 150	2 x 48 x 5.9	50 x 1,220 x 150	
	Fork spacing	out-to-out minimum / maximum	in	mm	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	
14	Tilt	forward / backward			6 / 10		6 / 10		6 / 10		
15	Overall dimensions	length to fork face	in	mm	121	3,070	121	3,070	123	3,120	
16		width	with standard tires	in	mm	55.5	1,415	55.5	1,415	57.5	1,460
			w/optional duals	in	mm	70.6	1,795	70.6	1,795	70.6	1,795
17			with lowered mast	in	mm	91.5	2,320	91.5	2,320	91.5	2,320
18		height	seat height	in	mm	43	1,093	43	1,093	43	1,093
19				to top of overhead guard	in	mm	88.5	2,250	88.5	2,250	88.5
20		with extended mast	in	mm	180	4,570	180	4,570	180	4,570	
21	Minimum outside turning radius				in	mm	108	2,735	108	2,735	
22	Load moment constant				in	mm	21.9	557	21.9	557	
23	Minimum aisle – 90° stack – zero clearance w/out load				in	mm	129.9	3,292	129.9	3,292	
PERFORMANCE											
40	Speeds	travel speed* loaded / empty	mph	km/h	11 / 12	175 / 19.5	11 / 12	175 / 19.5	11 / 12	175 / 19.5	
41		lift speed loaded / empty	fpm	mm/s	98 / 103	500 / 520	100 / 100	510 / 510	98 / 103	500 / 520	
42		lowering speed loaded / empty	fpm	mm/s	98 / 98	500 / 500	98 / 98	500 / 500	98 / 98	500 / 500	
43	Drawbar pull	loaded at 1 mph (1.6 km)	lb	N	4,475	19,900	5,575	24,800	4,325	19,240	
		loaded maximum	lb	N	5,250	23,350	6,475	28,800	5,075	22,575	
44	Gradeability	loaded at 1 mph (1.6 km)			%		22.6		29.3		
		maximum loaded / empty			%		26.9 / 27.1		34.9 / 27.4		
WEIGHT											
50	Empty				lb	kg	12,600	5,715	12,300	5,580	
51	Axle load	with rated load front / rear	lb	kg	18,300 / 2,300	8,300 / 1,040	18,100 / 2,200	8,210 / 995	19,850 / 2,650	9,000 / 1,200	
		without load front / rear	lb	kg	5,650 / 6,950	2,560 / 3,150	5,450 / 6,850	2,470 / 310	5,650 / 7,850	2,560 / 3,560	
CHASSIS											
60	Tire size	front, standard	in			8.25 x 15-14PR		8.25 x 15-14PR		300 x 15-20PR	
		front, optional duals	in			7.50 x 16-12PR		7.50 x 16-12PR		7.50 x 16-12PR	
61		rear	in			7.00 x 12-12PR		7.00 x 12-12PR		7.00 x 12-12PR	
62	Wheelbase				in	mm	78.5	2,000	78.5	2,000	
63	Tread width	front, standard tires	in			mm	46.5	1,180	46.5	1,180	
		front, optional duals	in			mm	51.5	1,310	51.5	1,310	
		rear tires	in			mm	46.5	1,180	46.5	1,180	
65	Ground clearance	at lowest point @ mast	in			mm	5.9	150	5.9	150	
66		at center of wheelbase	in			mm	9.9	250	9.9	250	
67	Brakes	service				hydraulic w/vacuum boost		hydraulic w/vacuum boost		hydraulic w/vacuum boost	
		parking				hand, mechanical		hand, mechanical		hand, mechanical	
POWER TRAIN											
80	Engine	model			S6S		TB45		S6S		
81		continuous output S.A.E. gross	HP	kW	84	62.5	96.5	71.8	84	62.5	
			at r.p.m.		2,450		2,450		2,450		
82		maximum torque S.A.E. gross	lb-ft	kg-m	185	25.5	207	28.6	185	25.5	
	at r.p.m.		1,600		1,200		1,600				
83		cylinder / displacement	cu in	cm ³	6 / 305	6 / 5,000	6 / 275	6 / 4,500	6 / 305	6 / 5,000	
84	Transmission	type			powershift		powershift		powershift		
85		number of speeds forward / reverse			1 / 1		1 / 1		1 / 1		
86	Relief pressure	for attachments			psi	bar	2,775	190	2,775	190	
87	Noise level	mean value at operator's ear Leq			dB(A)		84.5		84.5		

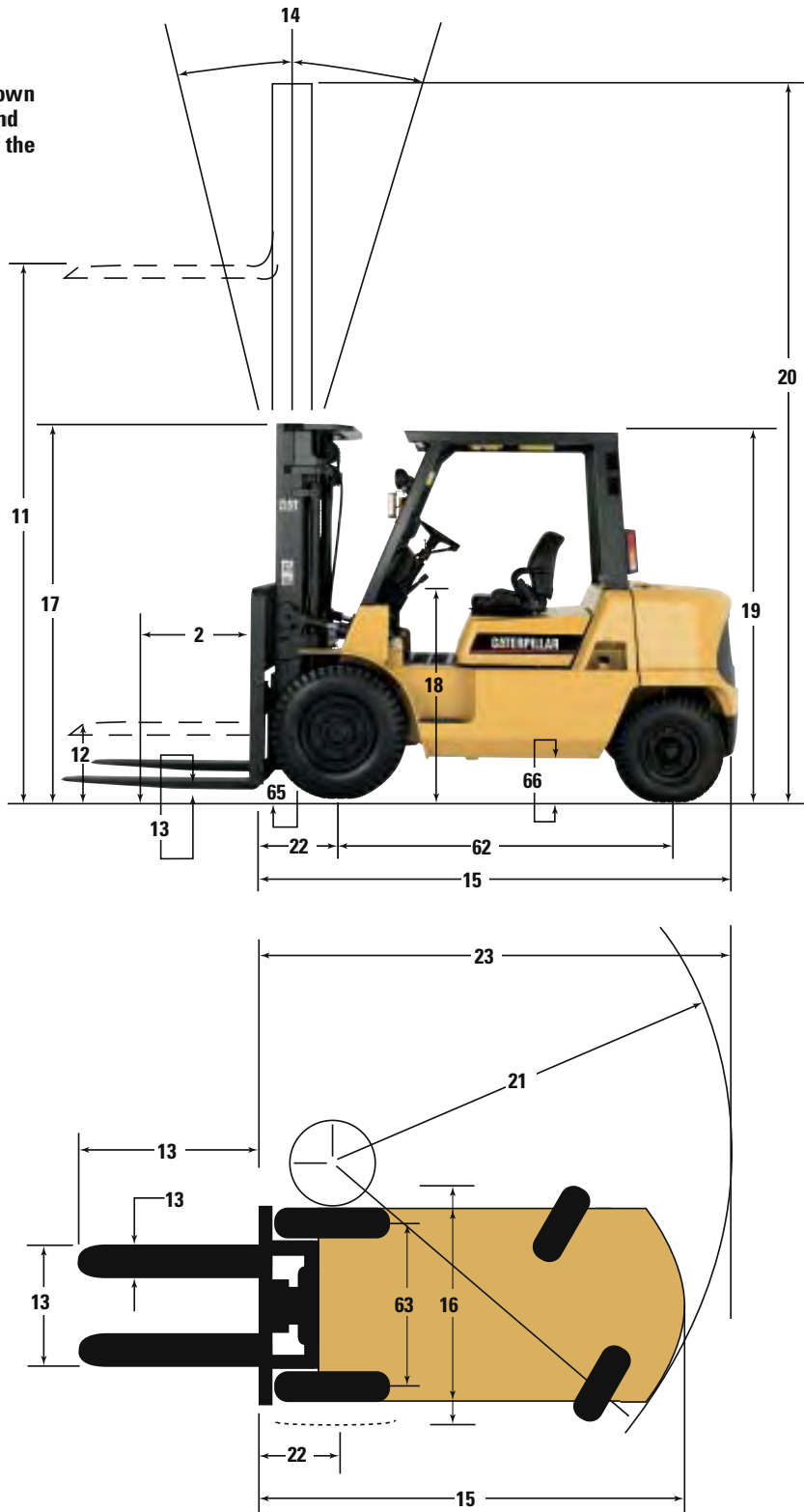
* For optional 2-speed transmission, add 2.5 mph (4.0 km/h).
2-speed transmission standard on models DP50K and GP50K.

GP40KL		DP45K		GP45K		DP50K		GP50K	
9,000	4,000	10,000	4,500	10,000	4,500	11,000	5,000	11,000	5,000
24	600	24	600	24	600	24	600	24	600
gasoline / LP gas		diesel		gasoline / LP gas		diesel		gasoline / LP gas	
pneumatic / pneumatic		pneumatic / pneumatic		pneumatic / pneumatic		pneumatic / pneumatic		pneumatic / pneumatic	
2x/2		2x/2		2x/2		2x/2		2x/2	
198	5,050	198	5,050	198	5,050	179	4,550	179	4,550
131	3,350	131	3,350	131	3,350	132	3,350	132	3,350
5.9	150	5.9	150	5.9	150	6.2	160	6.2	160
2 x 48 x 5.9	50 x 1,220 x 150	2 x 48 x 5.9	50 x 1,220 x 150	2 x 48 x 5.9	50 x 1,220 x 150	2.2 x 48 x 5.9	60 x 1,220 x 150	2.2 x 48 x 5.9	60 x 1,220 x 150
12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	13.4 / 46.6	340 / 1,184	13.4 / 46.6	340 / 1,184
6 / 10		6 / 10		6 / 10		6 / 10		6 / 10	
123	3,120	125	3,175	125	3,175	130	3,305	130	3,305
57.5	1,460	57.5	1,460	57.5	1,460	57.5	1,460	57.5	1,460
70.6	1,795	70.6	1,795	70.6	1,795	70.6	1,795	70.6	1,795
91.5	2,320	94.5	2,400	94.5	2,400	94.5	2,400	94.5	2,400
43	1,093	43	1,093	43	1,093	43	1,093	43	1,093
88.5	2,250	88.5	2,250	88.5	2,250	88.5	2,250	88.5	2,250
180	4,570	180	4,570	180	4,570	181	4,590	181	4,590
110	2,775	111	2,820	111	2,820	117	2,965	117	2,965
21.9	557	22.1	562	22.1	562	22.9	582	22.9	582
131.9	3,332	133.1	3,382	133.1	3,382	139.9	3,547	139.9	3,547
11 / 12	175 / 19.5	11 / 12	175 / 19.5	11 / 12	175 / 19.5	13 / 15	21.5 / 23.5	13 / 15	21.5 / 23.5
100 / 100	510 / 530	85 / 89	430 / 450	87 / 87	440 / 440	85 / 89	420 / 440	85 / 89	420 / 440
98 / 98	500 / 500	98 / 98	500 / 500	98 / 98	500 / 500	98 / 98	500 / 500	98 / 98	500 / 500
5,600	22,350	4,325	19,240	5,600	24,910	5,925	26,355	7,800	34,700
6,550	25,800	5,075	22,575	6,550	29,135	7,475	33,250	9,750	43,370
26.7		18.0		23.9		23.3		31.5	
31.8 / 25.2		21.4 / 24.1		28.4 / 22.3		30.1 / 26.3		41.4 / 25.7	
13,150	5,965	14,750	6,690	14,400	6,530	15,800	7,165	15,550	7,050
19,600 / 2,550	8,890 / 1,150	21,650 / 3,100	9,820 / 1,400	21,150 / 3,250	9,590 / 1,475	23,650 / 3,150	10,725 / 1,425	23,500 / 3,050	10,660 / 1,380
5,350 / 7,800	2,425 / 3,540	5,800 / 8,950	2,630 / 4,060	5,300 / 9,100	2,400 / 4,125	6,550 / 9,250	2,970 / 4,195	6,400 / 9,150	2,900 / 4,150
300 x 15-20PR		300 x 15-20PR		300 x 15-20PR		300 x 15-20PR		300 x 15-20PR	
7.50 x 16-12PR		7.50 x 16-12PR		7.50 x 16-12PR		7.50 x 16-12PR		7.50 x 16-12PR	
7.00 x 12-12PR		7.00 x 12-12PR		7.00 x 12-12PR		7.00 x 12-12PR		7.00 x 12-12PR	
78.5	2,000	78.5	2,000	78.5	2,000	84.5	2,150	84.5	2,150
46.5	1,180	46.5	1,180	46.5	1,180	46.5	1,180	46.5	1,180
51.5	1,310	51.5	1,310	51.5	1,310	51.5	1,310	51.5	1,310
46.5	1,180	46.5	1,180	46.5	1,180	46.5	1,180	46.5	1,180
5.9	150	5.9	150	5.9	150	5.9	150	5.9	150
9.9	250	9.9	250	9.9	250	9.9	250	9.9	250
hydraulic w/vacuum boost		hydraulic w/vacuum boost		hydraulic w/vacuum boost		hydraulic w/vacuum boost		hydraulic w/vacuum boost	
hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
TB45		S6S		TB45		S6S		TB45	
96.5	71.8	84	62.5	96.5	71.8	84	62.5	96.5	71.8
2,450		2,450		2,450		2,450		2,450	
207	28.6	185	25.5	207	28.6	185	25.5	207	28.6
1,200		1,600		1,200		1,600		1,200	
6 / 275	6 / 4,500	6 / 305	6 / 5,000	6 / 275	6 / 4,500	6 / 305	6 / 5,000	6 / 275	6 / 4,500
powershift		powershift		powershift		powershift		powershift	
1 / 1		1 / 1		1 / 1		2 / 2		2 / 2	
2,775	190	2,775	190	2,775	190	2,775	190	2,775	190
85.5		84.5		85.5		84.5		85.5	

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.

Specifications, Continued

Call-out numbers shown in 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 G, LP, D 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.

Option Packages

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

- Awareness Enhancement Package - enhances the visibility of the truck and reduces the risk to pedestrian traffic
- Service Indicator Package - advanced service indicators that keep operators informed of the overall condition of the truck.
- Dust and Foundry Package - protects the equipment from dust, dirt and other contaminants.

Ask For A Demonstration

Cat Lift Trucks delivers quality and reliability, with customer service advantages that guarantee a lasting return on your investment. Ask your Cat Lift Truck dealer for a demonstration today.



Quality

Reliability

Customer Service

Everything
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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