

A yellow CAT forklift is shown in profile, lifting a large, rectangular stack of light-colored lumber. The stack is secured with red straps and is being held high above the ground. A operator wearing a red hard hat and blue shirt is seated on the forklift. The background shows a clear sky and a building. The text "INDUSTRY-LEADING PERFORMANCE" is overlaid in large, white, bold letters on the left side of the image.

# INDUSTRY-LEADING PERFORMANCE

**8,000 – 12,000 LB. CAPACITY  
INTERNAL COMBUSTION  
PNEUMATIC TIRE LIFT TRUCKS**

# STRENGTH

## THAT YOU CAN DEPEND ON

### Built To Perform

Designed to operate in tough environments, the Cat® GP40N-GP55N/DP40N-DP55N series is equipped with a powerful engine and durable mast – delivering the rugged performance you need to get the job done.

#### ADVANTAGES TO YOU:

- 8,000 – 12,000 lb. lift capacities
- Delivers a 21.6% increase in fuel efficiency\* for lower overall fuel costs and greater performance
- Controlled, yet powerful acceleration maximizes productivity
- 500-hour extended service intervals result in less maintenance for increased uptime
- Emission levels are well below Environmental Protection Agency (EPA) Tier 4 final requirements
- World-class service and support provided by the best dealer network in the industry

#### KEY APPLICATIONS:

This series thrives in heavy-duty applications where its strength can be put to the test:

- Fabricated metals
- Building materials
- Stone, clay and glass



#### DURABILITY AND STRENGTH

One-piece steer axle reduces stress on the chassis and allows the lift truck to perform in rugged environments



#### ERGONOMIC DESIGN

Spacious operator compartment and full-suspension seat reduce operator fatigue and increase productivity



#### FUEL-EFFICIENT PERKINS® DIESEL ENGINE

EPA Tier 4 final compliant



#### FRONT-TO-BACK VISIBILITY

Narrow mast channels, with a large window of vision and a low profile counterweight, promote good visibility while traveling





\*over the previous generation.

# MORE POWER, MORE PERFORMANCE



## A Reliable Solution

Rugged lift trucks require high-performance engines to help carry the load. This Cat lift truck series is designed to work in tough conditions, while maintaining excellent fuel efficiency with less noise and vibration.

## The Result?

Greater uptime, less operator fatigue and lower overall operating costs.

### Benefits:

- Excellent horsepower and torque, while meeting EPA and CARB emission requirements for a cleaner working environment.
- Diesel models feature a Diesel Particulate Filter (DPF) designed to meet U.S. EPA Tier 4 final standards. The DPF passively burns off soot in the system, minimizing harmful emissions.
- The soot in the DPF canister will burn off on its own when needed, allowing the operator to continue working.





## BOOST PRODUCTIVITY AND AWARENESS

A variety of options are available to further increase productivity and operator awareness:

- Fingertip hydraulic controls
- Climate-controlled panel cabs
- The awareness enhancement package – which includes a rearview mirror kit, rear LED work light and LED turn signals – helps keep the operator and others in the work area aware of the lift truck and its movements.

## ADDITIONAL HIGH-PERFORMANCE FEATURES:

- **Powershift Transmission** - The two-speed forward and one-speed reverse transmission helps the operator remain in control, while providing optimum power and performance.
- **Torque Converter** - Smoothly transfers the power from the engine and multiplies the torque sent to the transmission for increased power on demand.
- **Fuel Saver Mode** - Allows the operator to easily switch between "power mode" and "soft mode," resulting in up to 14% savings in fuel consumption, while maintaining up to 95% of overall productivity.



# EXCEPTIONAL COMFORT: FOR A HARD DAY

## Increased Productivity, Less Fatigue

This series features an ergonomic design to help reduce stress and fatigue, while improving overall operator productivity.



### EXCEPTIONAL COMFORT

The full-suspension standard vinyl seat allows adjustment in numerous places to provide the operator with a comfortable ride.

- **Front and Back** – Slides up to 6.5 inches for operators of various heights
- **Suspension** – Adds support in the seat based on the weight of the operator
- **Lumbar Support** – Supports the operator's lower back
- **Fold Down Pin** – Allows the seat to move for easy access to the engine hood

### MAXIMUM UPTIME, MAXIMUM RESULTS

**Tilt Steering Column** – The lift truck's tilt steering column is equipped with a two-lever system designed to adjust and lock with the largest range possible.

#### Benefits:

- The forward position allows for extra clearance when opening and closing the engine cover, allowing easy access to the engine and other critical components.
- After daily inspections, the operator can return the steering column to the pre-set position based on their preferred comfort level using the "memory" function.



# DAY'S WORK

## PROTECTION THAT COUNTS

Dedicated to your security from the moment you step on the lift truck to the end of the shift, this series offers these standard features:

- 18-inch elongated grab bar for ease of entry/exit
- Anti-slip step plate for better foot control
- Highly-visible orange seat belt
- Electronic back-up alarm to increase awareness in the work area



More comfort

## A BETTER WORK ENVIRONMENT

A number of features are built into the lift truck to help minimize noise and vibration for greater operator comfort and efficiency.

- Rubber mounted key components
- A fully-insulated engine hood
- Helical transmission gears
- Internal wheel wells
- Hydraulic accumulator in the transmission control valve



More protection



More control



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				GP40N		DP40N		GP45N		DP45N	
1	Capacity at rated load center	lb	kg	8,000	4,000	8,000	4,000	9,000	4,500	9,000	4,500
2	Load center – distance	in	mm	24	500	24	500	24	500	24	500
3	Power – electric, diesel, gasoline, LP gas			gasoline / LP gas		diesel		gasoline / LP gas		diesel	diesel
4	Tire type – cushion, pneumatic			pneumatic		pneumatic		pneumatic		pneumatic	pneumatic
5	Wheels – number front / rear (x = driven)			2x / 2		2x / 2		2x / 2		2x / 2	2x / 2
Dimensions				GP40N		DP40N		GP45N		DP45N	
6	Maximum fork height (top of fork) <sup>1)</sup>	in	mm	132	3,350	132	3,350	132	3,350	132	3,350
7	Free fork height <sup>1)</sup>	in	mm	5.9	150	5.9	150	5.9	150	5.9	150
8	Fork thickness x length x width	in	mm	2x48x5.9	50x1,220x150	2x48x5.9	50x1,220x150	2x48x5.9	50x1,220x150	2x48x5.9	50x1,220x150
9	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	12.6 / 46.6	320 / 1,184
10	Tilt – forward / backward	deg		6° / 10°		6° / 10°		6° / 10°		6° / 10°	6° / 10°
11	Length to fork face	in	mm	118	3,000	118	3,000	123	3,130	123	3,130
12	Width with standard tires	in	mm	55.7	1,415	55.7	1,415	57.5	1,460	57.5	1,460
13	Width with optional duals	in	mm	77.4	1,965	77.4	1,965	77.4	1,965	77.4	1,965
14	Height with lowered mast	in	mm	91.3	2,320	91.3	2,320	91.3	2,320	91.3	2,320
15	Seat height	in	mm	42.6	1,082	42.6	1,082	42.6	1,082	42.6	1,082
16	Height to top of overhead guard	in	mm	90.5	2,296	90.5	2,296	90.5	2,296	90.5	2,296
17	Height with extended mast	in	mm	180	4,570	180	4,570	180	4,570	180	4,570
18	Minimum outside turning radius	in	mm	102	2,580	102	2,580	107	2,730	107	2,730
19	Load moment constant	in	mm	22.7	577	22.7	577	22.7	577	22.7	577
20	Minimum aisle – 90° stack – zero clearance without load	in	mm	124	3,157	124	3,157	130	3,307	130	3,307
Performance				GP40N		DP40N		GP45N		DP45N	
21	Travel speed* loaded / empty	fpm	km/h	13.7 / 14.0	22.0 / 22.5	12.4 / 12.7	20.0 / 20.5	13.7 / 14.0	22.0 / 22.5	12.4 / 12.7	20.0 / 20.5
22	Lift speed loaded / empty	fpm	m/s	112 / 118	0.57 / 0.60	108 / 120	0.55 / 0.61	112 / 118	0.57 / 0.60	108 / 120	0.55 / 0.61
23	Lowering speed loaded / empty	fpm	m/s	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5
24	Drawbar pull – loaded at 1 mph (1.6 km)	lb	N	6,300	28,000	6,100	27,000	6,300	28,000	6,100	27,000
25	Drawbar pull – loaded maximum	lb	N	8,700	38,500	8,400	37,500	8,400	37,500	8,200	36,500
26	Gradeability – loaded at 1 mph (1.6 km)	%		32.0		31.1		28.9		28.0	
27	Gradeability – maximum loaded	%		45.8		44.9		40.2		39.4	
Weight				GP40N		DP40N		GP45N		DP45N	
28	Empty	lb	kg	12,920	5,860	13,050	5,920	13,820	6,270	13,960	6,330
29	Axle load with rated load front / rear	lb	kg	18,630 / 2,290	8,450 / 1,040	18,690 / 2,360	8,480 / 1,070	20,240 / 2,580	9,180 / 1,170	20,310 / 2,650	9,210 / 1,200
30	Axle load without load front / rear	lb	kg	5,750 / 7,170	2,610 / 3,250	5,800 / 7,250	2,630 / 3,290	6,060 / 7,760	2,750 / 3,520	6,130 / 7,830	2,780 / 3,550
Chassis				GP40N		DP40N		GP45N		DP45N	
31	Tire size – front, standard	in		8.25–15–14PR		8.25–15–14PR		300–15–18PR		300–15–18PR	300–15–18PR
32	Tire size – front, optional duals	in		8.25–15–12PR		8.25–15–12PR		8.25–15–12PR		8.25–15–12PR	8.25–15–12PR
33	Tire size – rear	in		7.00–12–12PR		7.00–12–12PR		7.00–12–12PR		7.00–12–12PR	7.00–12–12PR
34	Wheelbase	in	mm	72.8	1,850	72.8	1,850	78.7	2,000	78.7	2,000
35	Tread width – front (standard, optional duals)	in	mm	46.3 / 56.9	1,175 / 1,445	46.3 / 56.9	1,175 / 1,445	46.3 / 56.9	1,175 / 1,445	46.3 / 56.9	1,175 / 1,445
36	Tread width – rear tires	in	mm	46.5	1,180	46.5	1,180	46.5	1,180	46.5	1,180
37	Ground clearance at lowest point at mast	in	mm	5.9	150	5.9	150	5.9	150	5.9	150
38	Ground clearance at center of wheelbase	in	mm	8.9	227	8.9	227	8.9	227	8.9	227
39	Service brakes			foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic	foot, hydraulic
40	Parking brakes			hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	hand, mechanical
Powertrain				GP40N		DP40N		GP45N		DP45N	
41	Engine model			Nissan TB45K		Perkins 854F		Nissan TB45K		Perkins 854F	Perkins 854F
42	Continuous output S.A.E. gross	HP	kW	97	72	72	54	97	72	72	54
43		at r.p.m.		2,450		2,200		2,450		2,200	2,200
44	Maximum torque S.A.E. gross	lb-ft	N-m	207	280	207	280	207	280	207	280
45		at r.p.m.		1,200		1,000		1,200		1,000	1,000
46	Cylinders / displacement	cu in	L	6 / 275	6 / 4.5	4 / 207	4 / 3.4	6 / 275	6 / 4.5	4 / 207	4 / 3.4
47	Transmission type			powershift		powershift		powershift		powershift	powershift
48	Number of speeds forward / reverse			2 / 1		2 / 1		2 / 1		2 / 1	2 / 1
49	Battery – volts			12		12		12		12	12
50	Relief pressure for attachments	psi	bar	2,770	191	2,770	191	2,770	191	2,770	191
51	Noise level – mean value at operator's ear Leq		dB(A)	84		82		84		82	82

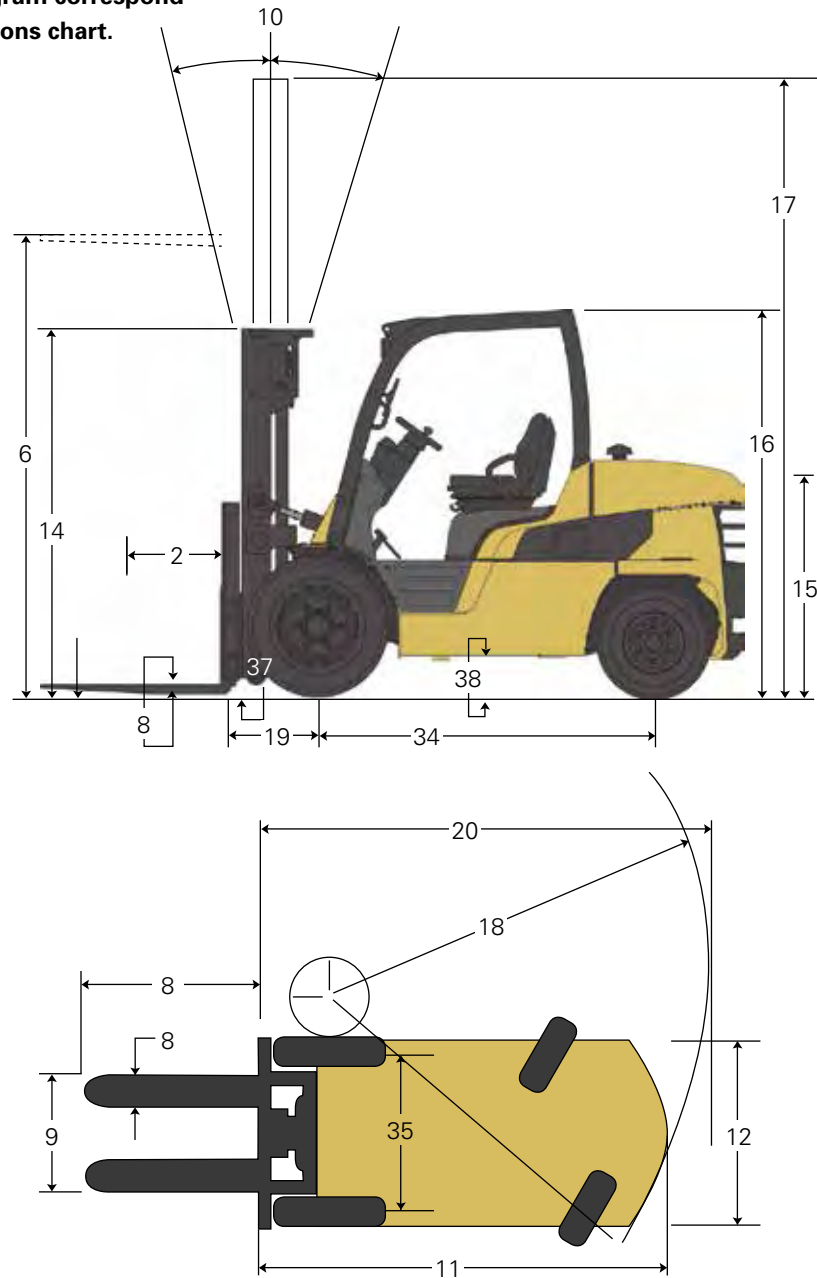
1) with standard two-stage mast



GP50CN		DP50CN		GP50N		DP50N		GP55N		DP55N	
10,000	5,000	10,000	5,000	11,000	5,000	11,000	5,000	12,000	5,500	12,000	5,500
24	500	24	500	24	600	24	600	24	600	24	600
gasoline / LP gas		diesel		gasoline / LP gas		diesel		gasoline / LP gas		diesel	
pneumatic		pneumatic		pneumatic		pneumatic		pneumatic		pneumatic	
2x / 2		2x / 2		2x / 2		2x / 2		2x / 2		2x / 2	
GP50CN		DP50CN		GP50N		DP50N		GP55N		DP55N	
132	3,350	132	3,350	132	3,360	132	3,360	132	3,360	132	3,360
5.9	150	5.9	150	6.3	160	6.3	160	6.3	160	6.3	160
2x48x5.9	50x1,220x150	2x48x5.9	50x1,220x150	2.4x48x5.9	60x1,220x150	2.4x48x5.9	60x1,220x150	2.4x48x5.9	60x1,220x150	2.4x48x5.9	60x1,220x150
12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184
6° / 10°		6° / 10°		6° / 10°		6° / 10°		6° / 10°		6° / 10°	
125	3,170	125	3,170	130	3,310	130	3,310	132	3,360	132	3,360
57.5	1,460	57.5	1,460	57.5	1,460	57.5	1,460	57.5	1,460	57.5	1,460
77.4	1,965	77.4	1,965	77.4	1,965	77.4	1,965	77.4	1,965	77.4	1,965
94.5	2,400	94.5	2,400	94.5	2,400	94.5	2,400	94.5	2,400	94.5	2,400
42.6	1,082	42.6	1,082	42.6	1,082	42.6	1,082	42.6	1,082	42.6	1,082
90.5	2,296	90.5	2,296	90.5	2,296	90.5	2,296	90.5	2,296	90.5	2,296
180	4,570	180	4,570	181	4,590	181	4,590	181	4,590	181	4,590
109	2,760	109	2,760	114	2,890	114	2,890	116	2,940	116	2,940
22.9	582	22.9	582	23.7	602	23.7	602	23.7	602	23.7	602
132	3,342	132	3,342	137	3,492	137	3,492	139	3,542	139	3,542
GP50CN		DP50CN		GP50N		DP50N		GP55N		DP55N	
13.7 / 14.0	22.0 / 22.5	12.1 / 12.7	19.5 / 20.5	13.7 / 14.0	22.0 / 22.5	12.1 / 12.7	19.5 / 20.5	13.4 / 14.0	21.5 / 22.5	12.1 / 12.7	19.5 / 20.5
96.5 / 102	0.49 / 0.52	92.5 / 104	0.47 / 0.53	96.5 / 102	0.49 / 0.52	92.5 / 104	0.47 / 0.53	96.5 / 102	0.49 / 0.52	92.5 / 104	0.47 / 0.53
98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5
6,200	27,500	6,000	26,500	6,100	27,000	6,000	26,500	6,100	27,000	5,800	26,000
8,400	37,500	8,300	37,000	8,400	37,500	8,300	37,000	8,400	37,500	8,300	37,000
25.9		25.0		23.3		22.6		21.5		20.8	
36.2		35.5		33.0		32.3		30.7		30.1	
GP50CN		DP50CN		GP50N		DP50N		GP55N		DP55N	
14,970	6,790	15,100	6,850	15,960	7,240	16,090	7,300	16,690	7,570	16,840	7,640
22,190 / 2,780	10,060 / 1,260	22,260 / 2,840	10,100 / 1,290	24,210 / 2,750	10,980 / 1,250	24,270 / 2,820	11,010 / 1,280	25,710 / 2,980	11,660 / 1,350	25,770 / 3,070	11,690 / 1,390
6,330 / 8,640	2,870 / 3,920	6,390 / 8,710	2,900 / 3,950	7,030 / 8,930	3,190 / 4,050	7,100 / 8,990	3,220 / 4,080	6,900 / 9,790	3,130 / 4,440	6,990 / 9,850	3,170 / 4,470
GP50CN		DP50CN		GP50N		DP50N		GP55N		DP55N	
300–15–18PR		300–15–18PR		300–15–18PR		300–15–18PR		300–15–18PR		300–15–18PR	
8.25–15–12PR		8.25–15–12PR		8.25–15–12PR		8.25–15–12PR		8.25–15–12PR		8.25–15–12PR	
7.00–12–12PR		7.00–12–12PR		7.00–12–14PR		7.00–12–14PR		7.00–12–14PR		7.00–12–14PR	
78.7	2,000	78.7	2,000	84.6	2,150	84.6	2,150	84.6	2,150	84.6	2,150
46.3 / 56.9	1,175 / 1,445	46.3 / 56.9	1,175 / 1,445	46.3 / 56.9	1,175 / 1,445	46.3 / 56.9	1,175 / 1,445	46.3 / 56.9	1,175 / 1,445	46.3 / 56.9	1,175 / 1,445
46.5	1,180	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	5.9	150
8.9	227	8.9	227	8.9	227	8.9	227	8.9	227	8.9	227
foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic	
hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
GP50CN		DP50CN		GP50N		DP50N		GP55N		DP55N	
Nissan TB45K		Perkins 854F		Nissan TB45K		Perkins 854F		Nissan TB45K		Perkins 854F	
97	72	72	54	97	72	72	54	97	72	72	54
2,450		2,200		2,450		2,200		2,450		2,200	
207	280	207	280	207	280	207	280	207	280	207	280
1,200		1,000		1,200		1,000		1,200		1,000	
6 / 275	6 / 4.5	4 / 207	4 / 3.4	6 / 275	6 / 4.5	4 / 207	4 / 3.4	6 / 275	6 / 4.5	4 / 207	4 / 3.4
powershift		powershift		powershift		powershift		powershift		powershift	
2 / 1		2/1		2/1		2/1		2/1		2/1	
12		12		12		12		12		12	
2,770	191	2,770	191	2,770	191	2,770	191	2,770	191	2,770	191
84		82		84		82		84		82	

**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 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.

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.

UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only. Availability: Types G, LP and D standard. Types GS, LPS and DS optional. 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.

Contact your Cat lift truck dealer for further information, including operator training programs and auxiliary visual and audible warning systems, fire extinguishers, etc., as available for specific user applications and 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.



# MORE OPTIONS



Panel cab for added protection

## Enhance Your Operation

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

### Panel Cab Options:

- Front windshield with wiper
- Top panel with tempered glass for optimal viewing
- Back panel with fold-out glass panel
- Steel doors
- Heater
- Fan

### Optional Oil-Cooled Disc Brakes

Fully-enclosed oil-cooled disc brakes can help improve uptimes and lower maintenance costs in dusty or dirty applications.

### Productivity-Enhancing Options

Improve productivity and reduce the risk of premature component wear with optional wet-disc brakes, which include systems such as ProShift™ and controlled rollback to slow and control the lift truck.



Oil-cooled disc brakes



Controlled rollback

\*Ask your local dealer for a complete list of options.



**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.

**BUILT FOR IT.™**

**1-800-CAT-LIFT | [www.cat-lift.com](http://www.cat-lift.com) | [m.cat-lift.com](http://m.cat-lift.com)**

© 2014 MCFA. All Rights Reserved. CAT, CATERPILLAR, BUILT FOR IT, their respective logos, "CaterpillarYellow," the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission. All registered trademarks are the property of their respective owners. Some products may be shown with optional equipment.

CECV0026

12/14

**CAT<sup>®</sup> Lift  
Trucks**