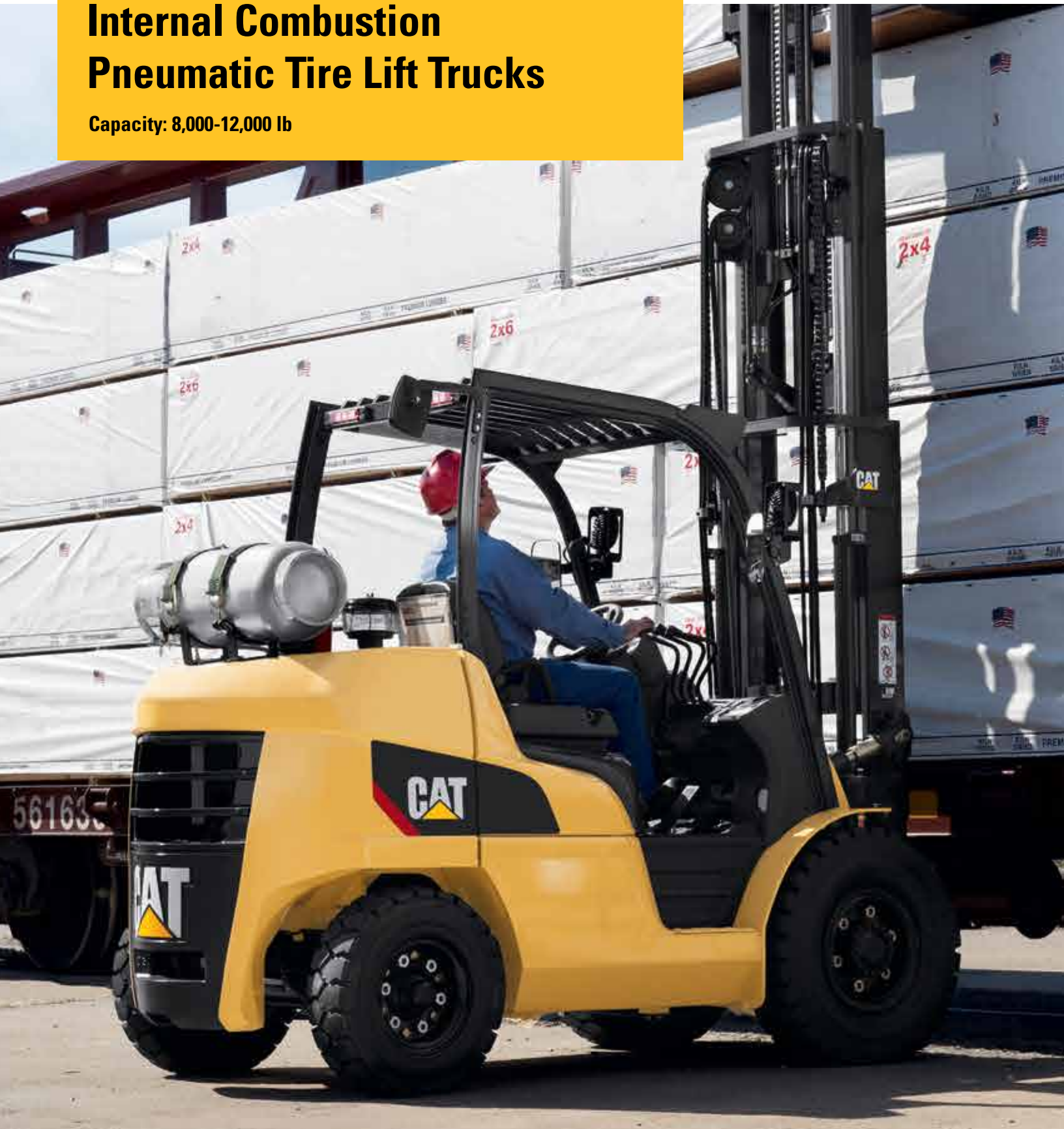


Internal Combustion Pneumatic Tire Lift Trucks

Capacity: 8,000-12,000 lb



GP40N1-GP55N1/ DP40N1-DP55N1 Series

Cat® lift trucks set the standard for the ultimate lifting experience. Exceptional comfort, durable construction and industry-leading customer service make these trucks the only choice for your material handling needs. The new line of 8,000-12,000 lb. internal combustion pneumatic tire lift trucks from Cat Lift Trucks follows in that tradition, with a wide range of standard features and application options to meet your needs.

Function. This lift truck thrives in lumber, cement, pipe and heavy-duty applications where its strength can effectively be put to the test. The spacious operator compartment, combined with powerful performance, results in an operator who is comfortable, alert and productive during long shifts.

Air Quality. These rugged lift trucks provide excellent horsepower and torque while meeting EPA and CARB requirements for carbon monoxide (CO), hydrocarbons (HC) and nitrogen oxide (NOx) emissions.

Added Protection. The dependable Presence Detection System (PDS) and excellent visibility help protect your operator and equipment.

Model	Capacity (lbs)									
	8,000	8,500	9,000	9,500	10,000	10,500	11,000	11,500	12,000	
GP40N1										
DP40N1										
GP45N1										
DP45N1										
GP50CN1										
DP50CN1										
GP50N1										
DP50N1										
GP55N1										
DP55N1										

Fuel Type: Gas/LP Diesel



Comfortable Operation
Operators of varying sizes can work long shifts comfortably in the standard full-suspension seat. An optional swivel seat and rear grab handle with horn button is available for high-shuttle applications.



Adjustable seating for increased comfort

Up for a Challenge

The GP40N1-GP55N1/DP40N1-DP55N1 Series of lift trucks operates in rough conditions, while delivering a comfortable, ergonomic work environment for your operators.



Consider The Options

A wide variety of options are available to customize the truck for operator preference or premium comfort, including fingertip hydraulic controls, panel cabs for harsh environments and awareness enhancement packages.



Control at your fingertips

Premium Display Panel

The standard premium LED/LCD display provides a number of productivity-enhancing tools for the operator. Features such as an operator passcode system and maintenance interval reminders help ensure that the truck is running at peak performance.



Optimized display panel raises awareness

RELIABILITY

Legendary Performance

These rugged lift trucks can be counted on to carry the load in the toughest applications. From the powerful engines to the durable masts, this series of lift trucks is built to perform.



Next Generation Engines

The TB45k LP/gas and the Tier 4 compliant, Perkins® 854F diesel engines work in the toughest conditions with excellent fuel economy and low noise. Also offering a 21.6% increase in fuel efficiency, the new diesel engines provide maintenance-free operation with no ash service.



Fuel efficiency, low emissions

Total Control

The standard two-speed forward, one-speed reverse transmission gives you the power and control you need to handle the toughest loads. Optional ProShift™ provides additional protection against transmission wear.



Low-effort movement



Optimized Visibility

Narrow mast channels and open overhead guard helps improve operator visibility to the load and surroundings. Standard LED work lights illuminate the work area while providing significant maintenance savings over traditional halogen or incandescent lights.



Optimum visibility

Application Options

Options such as oil-cooled disc brakes, attachments, foundry and brick protection, and specialty tires can customize the truck for your specific needs, extending equipment service life and minimizing product damage.



Solutions for your applications

Serviceability

With 500 hour service intervals, display-based indicators and reminders and easy access to service components, you can count on maximizing uptime and lowering maintenance costs with your Cat lift truck.



Service time minimized

CUSTOMER SERVICE

Delivering Real Material Handling Solutions

A Cat lift truck purchase connects you to a variety of material handling solutions, including world-class service and support from the best dealer network in the industry.

Cat Lift Trucks also offers the most comprehensive support programs in the industry. Highly-skilled service technicians, diverse parts inventory and an outstanding selection of service options, all help to reduce your total cost of ownership and keep your lift trucks performing at their best.



Dealers You Can Depend On

With hundreds of dealer locations throughout North and South America, Cat lift truck dealers provide more than lift trucks. From flexible financing options, to parts, service and product support, our dealers are unsurpassed.



Professionals you can depend on

Standing Behind Our Products

We deliver peace of mind by helping your trucks stay on the job, day after day. 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.



Keeping you covered



Parts Fast Or Parts Free*

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

Genuine OEM Parts

When you buy from your local dealer, you can be assured that your OEM part is manufactured to meet original equipment criteria. Additionally, all Cat lift truck OEM parts come with a six-month, unlimited-hours warranty.

Flexible Financing Options*

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 tailored to your specific needs.



Parts when you need them



Genuine Cat Lift Truck OEM parts



Custom financing packages

* 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

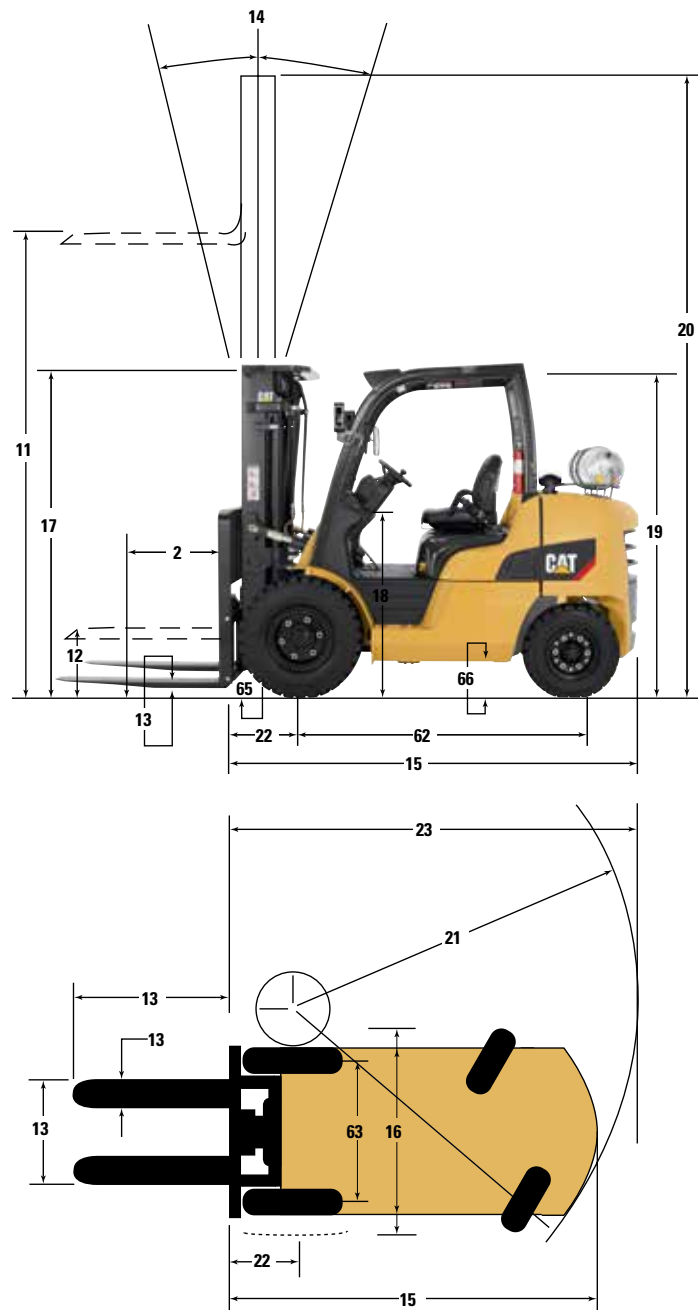
Characteristics				GP40N1		DP40N1		GP45N1		DP45N1		
1	Capacity	at rated load center	lb	kg	8,000	4,000	8,000	4,000	9,000	4,500	9,000	
2		at load center–distance	in	mm	24	500	24	500	24	500	24	
3	Power¹	electric, diesel, gasoline, LP gas			gasoline / LP gas		diesel		gasoline / LP gas		diesel	
4	Tire type	cushion, pneumatic			pneumatic		pneumatic		pneumatic		pneumatic	
5	Wheels (x = driven)	number front / rear			2x / 2		2x / 2		2x / 2		2x / 2	
Dimensions			GP40N1			DP40N1		GP45N1		DP45N1		
6	Lift with standard two-stage mast	maximum fork height (top of fork)	in	mm	132	3,350	132	3,350	132	3,350	132	
7		free fork height	in	mm	5.9	150	5.9	150	5.9	150	5.9	
8	Forks	thickness x length x width	in	mm	2x48x5.9	50x1,220x150	2x48x5.9	50x1,220x150	2x48x5.9	50x1,220x150	2x48x5.9	
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	
10	Tilt	forward / backward	deg		6° / 10°		6° / 10°		6° / 10°		6° / 10°	
11	Overall dimensions	length to fork face	in	mm	118	3,000	118	3,000	123	3,130	123	
12		width	with standard tires	in	mm	55.7	1,415	55.7	1,415	57.5	1,460	57.5
13			with optional duals	in	mm	77.4	1,965	77.4	1,965	77.4	1,965	77.4
14		height	with lowered mast	in	mm	91.3	2,320	91.3	2,320	91.3	2,320	91.3
15			seat height	in	mm	42.6	1,082	42.6	1,082	42.6	1,082	42.6
16			to top of overhead guard	in	mm	90.5	2,296	90.5	2,296	90.5	2,296	90.5
17			with extended mast	in	mm	180	4,570	180	4,570	180	4,570	180
18	Minimum outside turning radius		in	mm	102	2,580	102	2,580	107	2,730	107	
19	Load moment constant		in	mm	22.7	577	22.7	577	22.7	577	22.7	
20	Minimum aisle – 90° stack – zero clearance w / out load		in	mm	124	3,157	124	3,157	130	3,307	130	
Performance			GP40N1			DP40N1		GP45N1		DP45N1		
21	Speeds	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	
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	
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	
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	
25		loaded maximum	lb	N	8,700	38,500	8,400	37,500	8,400	37,500	8,200	
26	Gradeability	loaded at 1 mph (1.6 km)	%		32.0		31.1		28.9		28.0	
27		maximum loaded	%		45.8		44.9		40.2		39.4	
Weight			GP40N1			DP40N1		GP45N1		DP45N1		
28	Empty		lb	kg	12,920	5,860	13,050	5,920	13,820	6,270	13,960	
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	
30		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	
Chassis			GP40N1			DP40N1		GP45N1		DP45N1		
31	Tire size	front, standard	in		8.25–15–14PR		8.25–15–14PR		300–15–18PR		300–15–18PR	
32		front, optional duals	in		8.25–15–12PR		8.25–15–12PR		8.25–15–12PR		8.25–15–12PR	
33		rear	in		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	
35	Tread width	front, standard tires	in	mm	46.3	1,175	46.3	1,175	46.3	1,175	46.3	
36		front, optional duals	in	mm	56.9	1,445	56.9	1,445	56.9	1,445	56.9	
37		rear tires	in	mm	46.5	1,180	46.5	1,180	46.5	1,180	46.5	
38	Ground clearance	at lowest point at mast	in	mm	5.9	150	5.9	150	5.9	150	5.9	
39		at center of wheelbase	in	mm	8.9	227	8.9	227	8.9	227	8.9	
40	Brakes	service			foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic	
41		parking			hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
Powertrain			GP40N1			DP40N1		GP45N1		DP45N1		
42	Engine	model		Nissan TB45K		Perkins 854F		Nissan TB45K		Perkins 854F		
43		continuous output S.A.E. gross	HP	kW	97	72	72	54	97	72	72	
44			at r.p.m.		2,450		2,200		2,450		2,200	
45		maximum torque S.A.E. gross	lb-ft	N-m	207	280	207	280	207	280	207	
46			at r.p.m.		1,200		1,000		1,200		1,000	
47	cylinder / displacement		cu in	L	6 / 275	6 / 4.5	4 / 207	4 / 3.4	6 / 275	6 / 4.5	4 / 207	
48	Transmission	type		powershift		powershift		powershift		powershift		
49		number of speeds forward / reverse		2 / 1		2 / 1		2 / 1		2 / 1		
50	Battery		volts		12		12		12		12	
51	Relief pressure	for attachments	psi	bar	2,770	191	2,770	191	2,770	191	2,770	
52	Noise level	mean value at operator's ear Leq	dB(A)		84		82		84		82	

† Contact your local Cat lift truck dealer for information on gas powered models.

DP45N1	GP50CN1		DP50CN1		GP50N1		DP50N1		GP55N1		DP55N1	
4,500	10,000	5,000	10,000	5,000	11,000	5,000	11,000	5,000	12,000	5,500	12,000	5,500
500	24	500	24	500	24	600	24	600	24	600	24	600
diesel	gasoline / LP gas		diesel		gasoline / LP gas		diesel		gasoline / LP gas		diesel	
pneumatic	pneumatic		pneumatic		pneumatic		pneumatic		pneumatic		pneumatic	
2x / 2	2x / 2		2x / 2		2x / 2		2x / 2		2x / 2		2x / 2	
DP45N1	GP50CN1		DP50CN1		GP50N1		DP50N1		GP55N1		DP55N1	
3,350	132	3,350	132	3,350	132	3,360	132	3,360	132	3,360	132	3,360
150	5.9	150	5.9	150	6.3	160	6.3	160	6.3	160	6.3	160
50x1,220x150	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
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	12.6 / 46.6	320 / 1,184
6° / 10°	6° / 10°		6° / 10°		6° / 10°		6° / 10°		6° / 10°		6° / 10°	
3,130	125	3,170	125	3,170	130	3,310	130	3,310	132	3,360	132	3,360
1,460	57.5	1,460	57.5	1,460	57.5	1,460	57.5	1,460	57.5	1,460	57.5	1,460
1,965	77.4	1,965	77.4	1,965	77.4	1,965	77.4	1,965	77.4	1,965	77.4	1,965
2,320	94.5	2,400	94.5	2,400	94.5	2,400	94.5	2,400	94.5	2,400	94.5	2,400
1,082	42.6	1,082	42.6	1,082	42.6	1,082	42.6	1,082	42.6	1,082	42.6	1,082
2,296	90.5	2,296	90.5	2,296	90.5	2,296	90.5	2,296	90.5	2,296	90.5	2,296
4,570	180	4,570	180	4,570	181	4,590	181	4,590	181	4,590	181	4,590
2,730	109	2,760	109	2,760	114	2,890	114	2,890	116	2,940	116	2,940
577	22.9	582	22.9	582	23.7	602	23.7	602	23.7	602	23.7	602
3,307	132	3,342	132	3,342	137	3,492	137	3,492	139	3,542	139	3,542
DP45N1	GP50CN1		DP50CN1		GP50N1		DP50N1		GP55N1		DP55N1	
20.0 / 20.5	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
0.55 / 0.61	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
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	98.4 / 98.4	0.5 / 0.5
27,000	6,200	27,500	6,000	26,500	6,100	27,000	6,000	26,500	6,100	27,000	5,800	26,000
36,500	8,400	37,500	8,300	37,000	8,400	37,500	8,300	37,000	8,400	37,500	8,300	37,000
28.0	25.9		25.0		23.3		22.6		21.5		20.8	
39.4	36.2		35.5		33.0		32.3		30.7		30.1	
DP45N1	GP50CN1		DP50CN1		GP50N1		DP50N1		GP55N1		DP55N1	
6,330	14,970	6,790	15,100	6,850	15,960	7,240	16,090	7,300	16,690	7,570	16,840	7,640
9,210 / 1,200	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
2,780 / 3,550	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
DP45N1	GP50CN1		DP50CN1		GP50N1		DP50N1		GP55N1		DP55N1	
300–15–18PR	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		8.25–15–12PR	
7.00–12–12PR	7.00–12–12PR		7.00–12–12PR		7.00–12–14PR		7.00–12–14PR		7.00–12–14PR		7.00–12–14PR	
2,000	78.7	2,000	78.7	2,000	84.6	2,150	84.6	2,150	84.6	2,150	84.6	2,150
1,175	46.3	1,175	46.3	1,175	46.3	1,175	46.3	1,175	46.3	1,175	46.3	1,175
1,445	56.9	1,445	56.9	1,445	56.9	1,445	56.9	1,445	56.9	1,445	56.9	1,445
1,180	46.5	1,180	46.5	1,180	46.5	1,180	46.5	1,180	46.5	1,180	46.5	1,180
150	5.9	150	5.9	150	5.9	150	5.9	150	5.9	150	5.9	150
227	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		foot, hydraulic	
hand, mechanical	hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
DP45N1	GP50CN1		DP50CN1		GP50N1		DP50N1		GP55N1		DP55N1	
Perkins 854F	Nissan TB45K		Perkins 854F		Nissan TB45K		Perkins 854F		Nissan TB45K		Perkins 854F	
54	97	72	72	54	97	72	72	54	97	72	72	54
2,200	2,450		2,200		2,450		2,200		2,450		2,200	
280	207	280	207	280	207	280	207	280	207	280	207	280
1,000	1,200		1,000		1,200		1,000		1,200		1,000	
4 / 3.4	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		powershift	
2 / 1	2 / 1		2/1		2/1		2/1		2/1		2/1	
12	12		12		12		12		12		12	
191	2,770	191	2,770	191	2,770	191	2,770	191	2,770	191	2,770	191
82	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. (MCFI). (See ANSI/ITSDF B56.1) 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.

Call-out numbers shown in 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; Type G, G/LP, LP, D (standard). Type GS, LPS and DS. 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.

OPTION PACKAGES

Enhance your Experience

Cat lift trucks come fully equipped with features and options that allow you to get the job done. For those applications that require an extra level of protection for the truck and operator — including wet, dusty, high-shuttle and other harsh environments — Cat Lift Trucks offers several options that can enhance the productivity of your material handling fleet.



Panel Cab Options:

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

Oil-Cooled Disc Brakes

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

Productivity Enhancing Options

Improve productivity with options such as, wet-disc brakes, which include enhanced systems such as ProShift™, auto-deceleration and controlled rollback to slow and control the truck. This braking system doesn't use the transmission for braking, which helps prevent premature component wear.



Quality

Reliability

Customer Service

Experienced professionals at your local dealership and on our National Accounts Team can assist you with your lift truck purchase or lease. Your Cat lift truck dealer can provide options and additional visual and audible warning devices geared toward your specific requirements. Operator training programs are also available to boost productivity and to help reduce the potential for product damage and personal injury.



Internal Combustion Pneumatic Tire Lift Trucks

Capacity: 8,000-12,000 lb

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

Copyright © 2013 by MCFA. All rights reserved. CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow" and 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. Printed in U.S.A.

CECV0022

04/13

CAT[®] Lift Trucks