

Internal Combustion Pneumatic Tire Lift Trucks

Capacity: 8,000-12,000 lb



P8000-P12000/ PD8000-PD12000 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 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
P8000	■								
PD8000	■								
P9000	■	■	■						
PD9000	■	■	■	■					
P10000	■	■	■	■	■				
PD10000	■	■	■	■	■	■			
P11000	■	■	■	■	■	■	■		
PD11000	■	■	■	■	■	■	■	■	
P12000	■	■	■	■	■	■	■	■	■
PD12000	■	■	■	■	■	■	■	■	■

Fuel Type: ■ Gas/LP ■ Diesel

Comfortable Operation

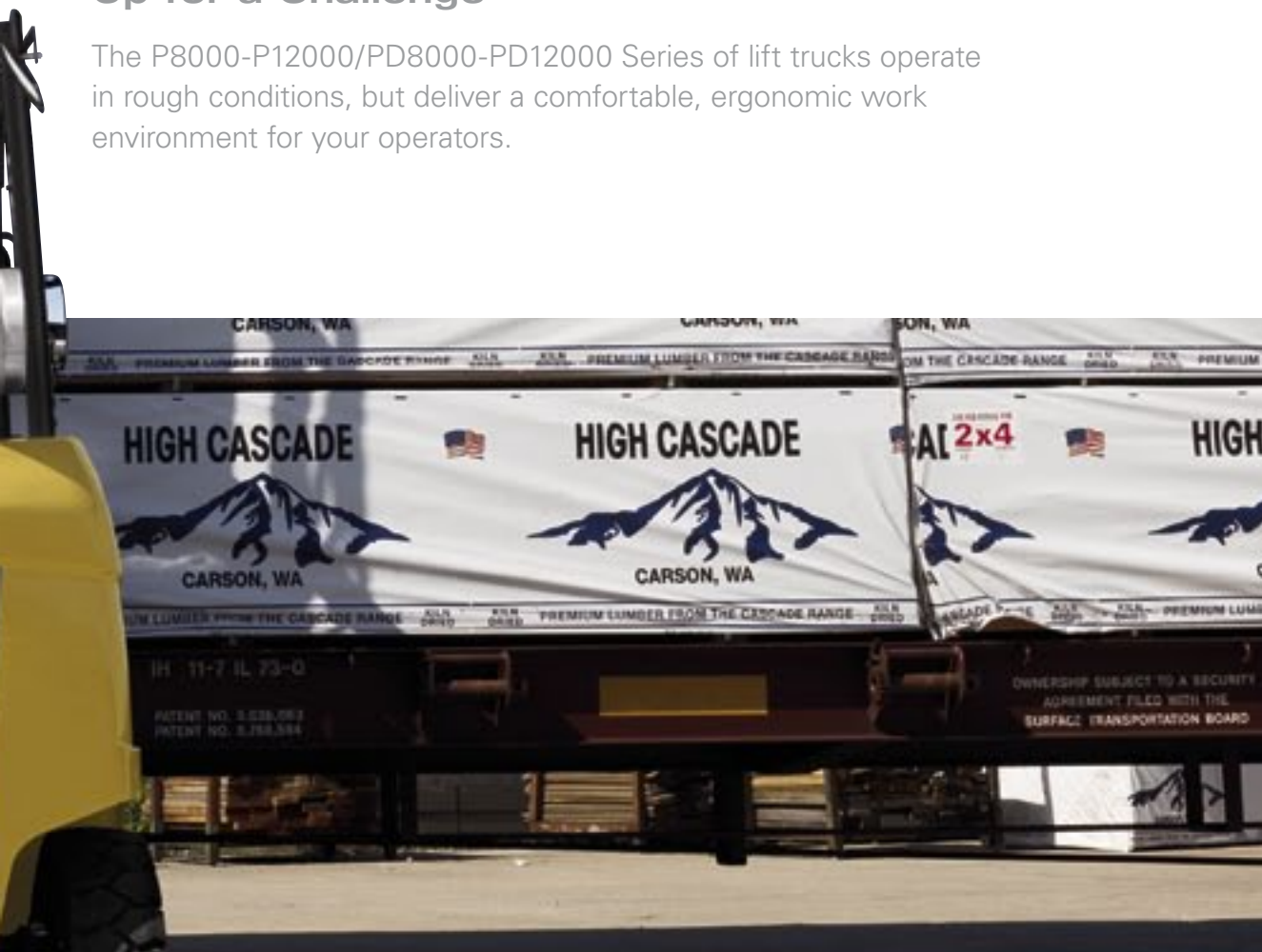
Operators of varying sizes can work long shifts comfortably in the standard full-suspension seat. An optional swivel seat and rear grab handle with horn button is available for high-shuttle applications.



Adjustable seating for increased comfort

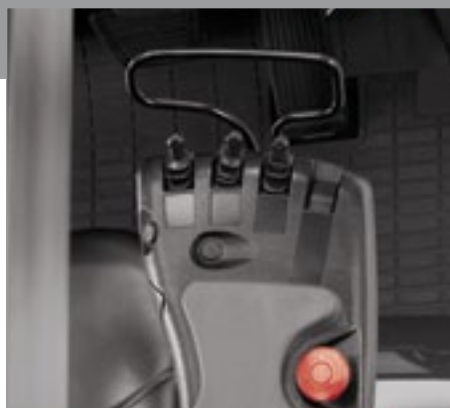
Up for a Challenge

The P8000-P12000/PD8000-PD12000 Series of lift trucks operate in rough conditions, but deliver 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 to 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 purePOWER® engines to the durable masts, the P8000-P12000/PD8000-PD12000 Series is built to perform.



Environmentally-Friendly Engines

The TB45 and S6S purePOWER® engines work in the toughest conditions, while offering excellent fuel economy and low noise and vibration. A standard engine protection system (EPS) monitors performance and helps protect the system from damage.



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. The optional Productivity Package with 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

Best Warranty In The Industry

We stand behind our products, giving you peace of mind by helping your trucks stay on the job, day after day. Every new Cat lift truck is covered by a 2-year/unlimited hours warranty that includes parts and labor regardless of service hours. All components and systems are covered. With our standard 3-year/6,000 hours extended powertrain warranty, you'll have the confidence that only comes from owning a Cat lift truck.



Free Loaner Service Guarantee*

If your lift truck is not repaired right the first time or within the quoted time, you will receive a free loaner truck while the repair is completed.

Parts Fast Or Parts Free*

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



Guaranteed to keep you moving



Parts for all brands of lift trucks



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.



Custom financing packages

Dealers You Can Depend On

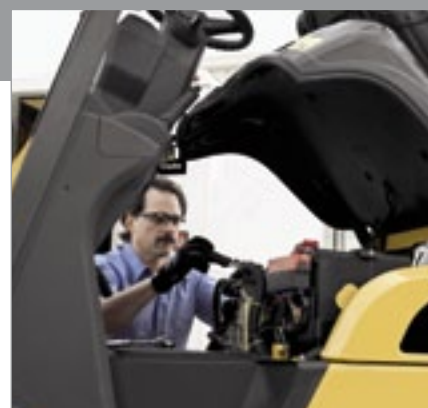
With hundreds of dealer locations throughout North and South America, Cat lift truck dealers provide more than just lift trucks. From flexible financing options, parts, service and product support, our dealers are unsurpassed.



Professionals you can depend on

Free Planned Maintenance*

Proper maintenance of your truck helps assure top performance over the long haul. That's why every new Cat lift truck gets its first planned maintenance completed by your local Cat lift truck dealer at no cost to you.



Quality service at the right price

* 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

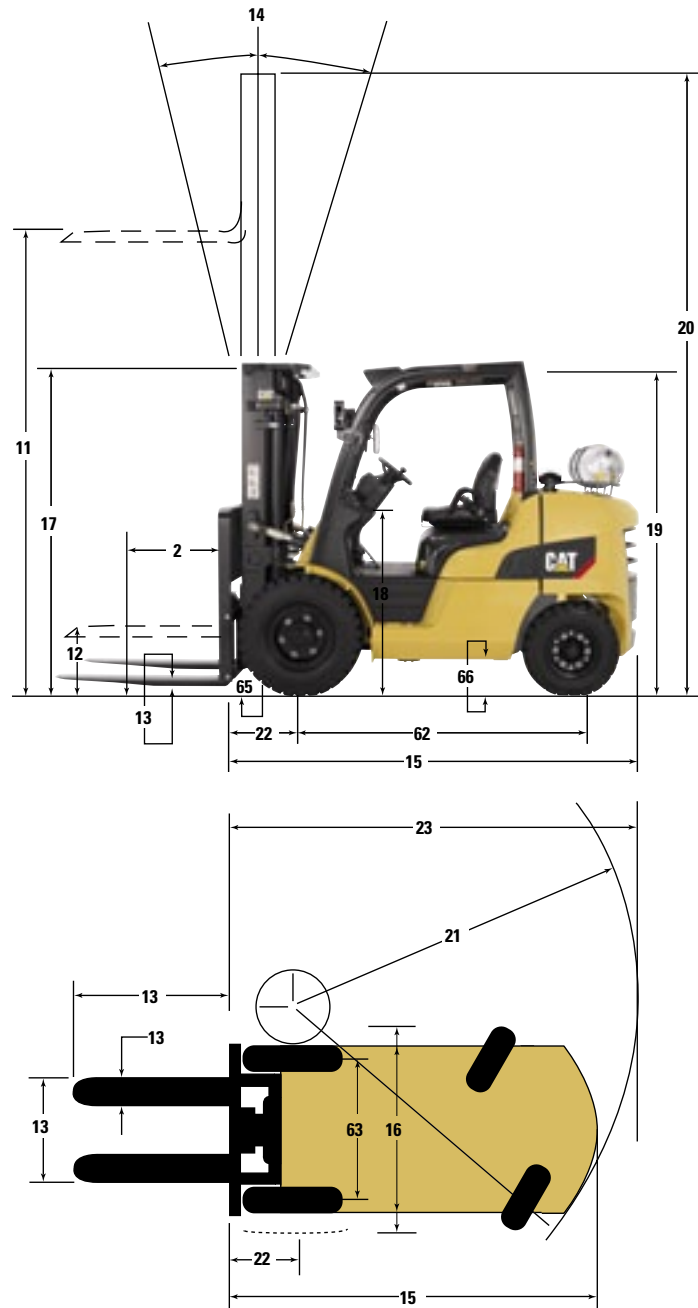
Characteristics				P8000		PD8000		P9000		PD9000		
1	Capacity	at rated load center	lb	kg	8,000	4,000	8,000	4,000	9,000	4,000	9,000	
2		at load center–distance	in	mm	24	500	24	500	24	600	24	
3	Power†	electric, diesel, gasoline, LP gas			gasoline / LP gas		diesel		gasoline / LP gas		diesel	
4	Tire type	cushion, pneumatic			pneumatic		pneumatic		pneumatic		pneumatic	
5	Wheels (x = driven)	number front / rear			2x / 2		2x / 2		2x / 2		2x / 2	
Dimensions				P8000		PD8000		P9000		PD9000		
6	Lift with standard two-stage mast	maximum fork height (top of fork)	in	mm	132	3,300	132	3,300	132	3,300	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	55.5	1,415	55.5	1,415	57.5	1,460	57.5
13			with optional duals	in	mm	77.5	1,780	77.5	1,780	77.5	1,965	77.5
14		height	with lowered mast	in	mm	91.5	2,320	91.5	2,320	91.5	2,320	91.5
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	180.0	4,570	180.0	4,570	180.0	4,570	180.0
18	Minimum outside turning radius		in	mm	101.0	2,580	101.0	2,580	107.0	2,730	107.0	
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	172.0	4,370	172.0	4,370	178.0	4,530	178.0	
Performance				P8000		PD8000		P9000		PD9000		
21	Speeds	travel speed* loaded / empty	fpm	km/h	14.0 / 14.0	22.0 / 22.5	13.5 / 14.0	22.0 / 22.5	13.5 / 14.0	22.0 / 22.5	13.5 / 14.0	
22		lift speed loaded / empty	fpm	m/s	105 / 110	0.59 / 0.63	100 / 110	0.57 / 0.64	104 / 110	0.53 / 0.56	100 / 112	
23		lowering speed loaded / empty	fpm	m/s	94 / 75	0.52 / 0.47	94 / 75	0.52 / 0.47	94 / 75	0.48 / 0.38	94 / 75	
24	Drawbar pull	loaded at 1 mph (1.6 km)	lb	N	6,300	28,000	6,100	27,000	6,300	28,000	6,000	
25		loaded maximum	lb	N	8,700	38,500	8,500	38,000	8,400	37,500	8,300	
26	Gradeability	loaded at 1 mph (1.6 km)	%		31.5		30.5		28.9		28.0	
27		maximum loaded	%		43.3		42.5		40.2		39.4	
Weight				P8000		PD8000		P9000		PD9000		
28	Empty		lb	kg	12,900	5,860	13,050	5,920	13,800	6,270	13,950	
29	Axle load	with rated load front / rear	lb	kg	18,900 / 2,050	8,936 / 923	18,950 / 2,100	8,961 / 960	20,400 / 2,400	9,110 / 1,160	20,500 / 2,500	
30		without load front / rear	lb	kg	5,750 / 7,150	2,610 / 3,250	5,800 / 7,250	2,632 / 3,288	6,050 / 7,750	2,750 / 3,520	6,150 / 7,850	
Chassis				P8000		PD8000		P9000		PD9000		
31	Tire size	front, standard	in		8.25x15x14PR		8.25x15x14PR		300x15x20PR		300x15x20PR	
32		front, optional duals	in		8.25x15x14PR		8.25x15x14PR		8.25x15x14PR		8.25x15x14PR	
33		rear	in		7.00x12x12PR		7.00x12x12PR		7.00x12x12PR		7.00x12x12PR	
34	Wheelbase		in	mm	73.0	1,850	73.0	1,850	78.5	2,000	78.5	
35	Tread width	front, standard tires	in	mm	46.5	1,175	46.5	1,175	46.5	1,175	46.5	
36		front, optional duals	in	mm	57.0	1,445	57.0	1,445	57.0	1,445	57.0	
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				P8000		PD8000		P9000		PD9000		
42	Engine	model			Nissan TB45K		Mitsubishi S6S		Nissan TB45K		Mitsubishi S6S	
43		continuous output S.A.E. gross	HP	kW	97	72	77	58	97	72	77	
44			at r.p.m.			2,450		2,300		2,450		2,300
45		maximum torque S.A.E. gross	lb-ft	N-m	207	280	192	260	207	280	192	
46			at r.p.m.			1,200		1,700		1,200		1,700
47	cylinder / displacement	cu in	L	6 / 275	6 / 4.5	6 / 275	6 / 4.5	6 / 275	6 / 4.5	6 / 305		
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)		84.0		84.0		84.0		84.0	

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

PD9000		P10000		PD10000		P11000		PD11000		P12000		PD12000	
4,000	10,000	4,500	10,000	4,500	11,000	5,000	11,000	5,000	12,000	5,500	12,000	5,500	
600	24	600	24	600	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		
PD9000		P10000		PD10000		P11000		PD11000		P12000		PD12000	
3,300	132	3,300	132	3,300	132.5	3,300	132.5	3,300	132	3,300	132	3,300	
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	13.4 / 46.6	340 / 1,184	13.4 / 46.6	340 / 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°		6° / 10°		6° / 10°		
3,130	125	3,170	125	3,170	132.5	3,360	132.5	3,360	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	77.5	1,965	77.5	1,965	77.5	1,965	77.5	1,965	77.5	1,965	77.5	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	180.0	4,570	180.0	4,570	181.0	4,590	181.0	4,590	181.0	4,590	181.0	4,590	
2,730	109.0	2,760	109.0	2,760	114.0	2,890	114.0	2,890	116.0	2,940	116.0	2,940	
577	22.9	582	22.9	582	23.7	602	23.7	602	23.7	602	23.7	602	
4,530	179.0	4,560	179.0	4,560	186.0	4,710	186.0	4,710	187.0	4,760	187.0	4,760	
PD9000		P10000		PD10000		P11000		PD11000		P12000		PD12000	
21.5 / 22.0	13.5 / 14	22.0 / 22.5	13.0 / 13.5	21.0 / 22.0	13.5 / 14	22.0 / 22.5	13.0 / 13.5	21.0 / 22.0	13.5 / 14.0	21.5 / 22.5	13.0 / 13.5	21.0 / 22.0	
0.51 / 0.57	85 / 90	0.43 / .46	83 / 92	0.42 / 0.47	85 / 90	0.43 / 0.46	83 / 92	0.42 / 0.47	85 / 90	0.43 / 0.46	83 / 93	0.42 / 0.47	
0.48 / 0.38	85 / 59	0.43 / 0.30	85 / 59	0.43 / 0.30	85 / 67	0.43 / 0.34	85 / 67	0.43 / 0.34	85 / 67	0.43 / 0.34	85 / 67	0.43 / 0.34	
27,000	6,200	27,500	6,000	26,500	6,100	27,000	5,900	26,500	6,100	21,000	5,900	21,300	
37,500	8,500	37,500	8,300	37,000	8,500	37,500	8,300	37,000	8,500	21,000	8,700	21,300	
28.0	25.2		25.7		26.4		25.0		21.5		20.8		
39.4	36.1		35.4		32.3		33.0		30.7		30.1		
PD9000		P10000		PD10000		P11000		PD11000		P12000		PD12000	
6,330	14,950	6,780	15,100	6,850	15,950	7,240	16,100	7,300	16,700	7,570	16,850	7,640	
9,140 / 1,200	22,300 / 2,700	10,030 / 1,260	22,350 / 2,750	10,600 / 1,250	24,250 / 2,700	10,990 / 1,250	24,300 / 2,800	11,020 / 1,280	25,700 / 3,000	11,710 / 1,360	25,750 / 3,100	11,740 / 1,400	
2,780 / 3,550	6,300 / 8,650	2,870 / 3,920	6,400 / 8,700	2,900 / 3,950	7,050 / 5,900	3,190 / 4,050	7,100 / 9,000	3,220 / 4,080	6,900 / 9,800	3,130 / 4,440	7,000 / 9,850	3,170 / 4,470	
PD9000		P10000		PD10000		P11000		PD11000		P12000		PD12000	
300x15x20PR	300x15x20PR		300x15x20PR		300x15x20PR		300x15x20PR		300x15x20PR		300x15x20PR		
8.25x15x14PR	8.25x15x14PR		8.25x15x14PR		8.25x15x14PR		8.25x15x14PR		8.25x15x14PR		8.25x15x14PR		
700x12x12PR	700x12x12PR		700x12x12PR		700x12x12PR		700x12x12PR		700x12x12PR		700x12x12PR		
2,000	78.5	2,000	78.5	2,000	84.5	2,150	84.5	2,150	84.5	2,150	84.5	2,150	
1,175	46.5	1,175	46.5	1,175	46.5	1,175	46.5	1,175	46.5	1,175	46.5	1,175	
1,445	57.0	1,445	57.0	1,445	57.0	1,445	57.0	1,445	57.0	1,445	57.0	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		
PD9000		P10000		PD10000		P11000		PD11000		P12000		PD12000	
Mitsubishi S6S	Nissan TB45K		Mitsubishi S6S		Nissan TB45K		Mitsubishi S6S		Nissan TB45K		Mitsubishi S6S		
58	97	72	77	58	97	72	77	58	97	72	77	58	
2,300	2,450		2,300		2,450		2,300		2,450		2,300		
260	207	280	192	260	207	280	192	260	207	280	192	260	
1,700	1,200		1,700		1,200		1,700		1,200		1,700		
6 / 5.0	6 / 275	6 / 4.5	6 / 305	6 / 5.0	6 / 275	6 / 4.5	6 / 305	6 / 5.0	6 / 275	6 / 4.5	6 / 305	6 / 6.5	
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	
84.0	84.0		84.0		84.0		84.0		84.0		84.0		

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. (MCA). (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 Cabs

Three varieties of panel cabs are offered to protect the operator from the elements.

Package 1:

- Front windshield with wiper
- Top panel with tempered glass for optimal viewing

Package 2:

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

Package 3:

- 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 Packages

Productivity Package options incorporate oil-cooled disc brakes and enhanced systems such as ProShift™, auto-deceleration and controlled rollback to slow and control the truck. This is in contrast to some competitive systems, which use the transmission for similar functionality, resulting in 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

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