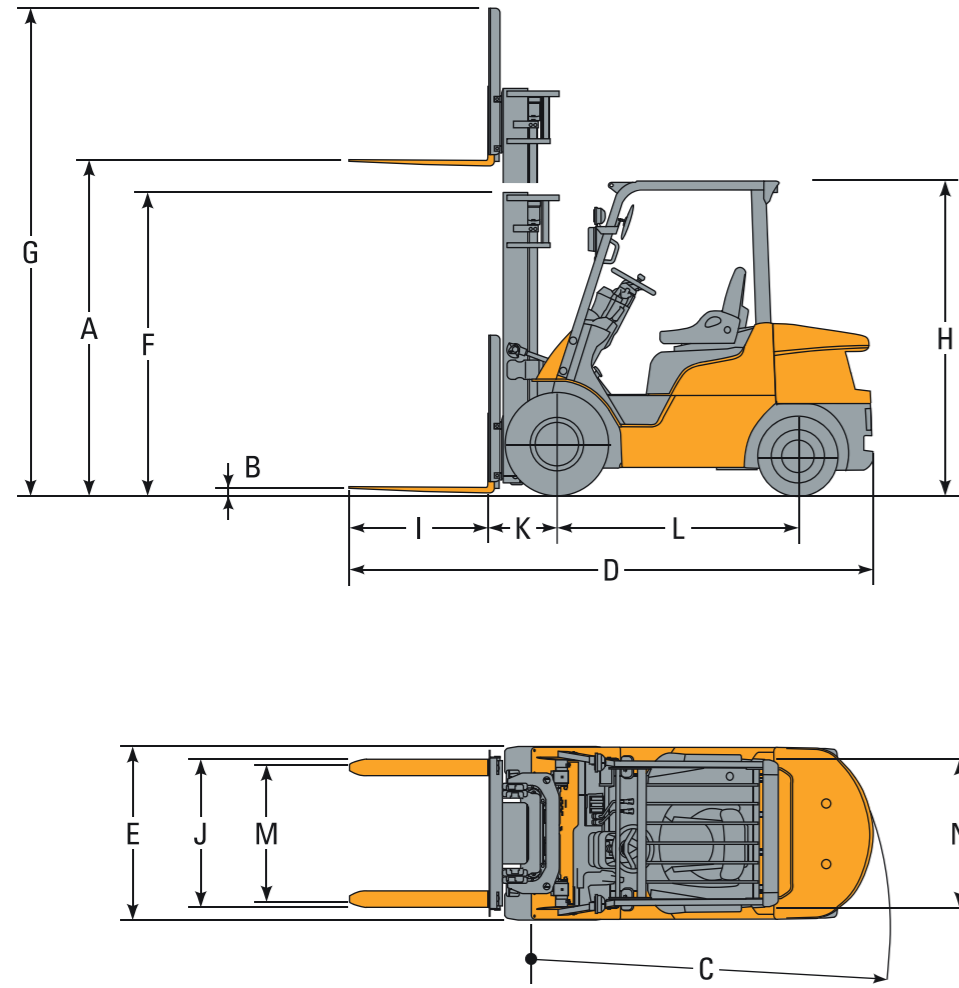


Call-out reference shown in the diagram correspond to the fourth column of the specifications chart.



Optional Attachments

1	Side shifter	2	Hinged fork	3	Fork positioner	4	Rotating fork
5	Rotating roll clamp	6	Load stabilizer	7	Bale clamp	8 Others:	
						<p>Attachments meeting your specific requirements are available. Please feel free to contact your local dealer.</p>	



Quality **Reliability** **Customer Service**



Internal Combustion Pneumatic Tire Lift Trucks

Capacity: 1.5 - 3.5 ton

www.catliftruck.com.sg

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**Internal Combustion
Pneumatic Tire Lift Trucks**

Capacity: 1.5 - 3.5 ton





Our 1.5-3.5 ton capacity pneumatic tire lift trucks have an engineered design that delivers top horsepower and performance that makes for exceptional productivity.

DP/GP(E)15-35N Series

Whether it's handling industrial materials or shipping products on a tight schedule, our internal combustion pneumatic tire lift trucks work long and hard to get the job done.

Every Cat® lift truck model in this series meets or exceeds stringent U.S. Environmental Protection Agency (EPA) standards for reducing carbon monoxide (CO), hydrocarbons (HC) and nitrogen oxide (NOx) emissions, while delivering the power needed for heavy-duty performance. Operator comfort features, including a full suspension seat, are standard. There are also many high-performance packages available that can tailor a Cat lift truck to specific application requirements. From the manufacturing headquarters in Sagamihara, Japan, using ISO 14001 certified and independently audited quality control procedures, Cat lift trucks provide excellent long-term value and come with turnkey support from the industry's most trusted dealer network.

Model	Fuel Type	Capacity (kg) @ 500mm LC	Engine Displacement (l) Normal / Z engine
DP15N	Diesel	1500	2.5
GP(E)15(Z)N*	Gas / LP Gas	1500	1.5 / 2.1
DP18N	Diesel	1750	2.5
GP(E)18(Z)N*	Gas / LP Gas	1750	1.5 / 2.1
DP20CN	Diesel	2000	2.5
DP20N	Diesel	2000	3.3
GP(E)20(Z)N	Gas / LP Gas	2000	2.1 / 2.5
GP(E)20CN	Gas / LP Gas	2000	2.1
DP25N	Diesel	2500	3.3
GP(E)25(Z)N	Gas / LP Gas	2500	2.1 / 2.5
DP30N	Diesel	3000	3.3
GP(E)30N	Gas / LP Gas	3000	2.5
DP35N	Diesel	3500	3.3
GP(E)35N	Gas / LP Gas	3500	2.5

* GPE15ZN and GPE18ZN are not available





Heavy-duty jobs require heavy-duty machinery. Cat lift trucks are built for rugged applications. However, with all that power Cat lift trucks makes sure operator comfort doesn't take a back seat.

Operator Efficiency And Comfort

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

Added Operator Protection

The advanced Cat lift trucks operator Presence Detection System (PDS) helps keep the operator informed about systems onboard. The System also detects when an operator leaves their seat and does the following:

- Disengages the transmission
- Disconnects power from hydraulic lift and tilt functions
- Sounds alarm if the operator has not applied the parking brake

When an operator returns to the normal seated position, the seat belt warning LED lights up on the meter panel as a reminder to fasten the seat belt.



Quiet & Smooth Transmission

To reduce noise and vibration, the transmission uses helical gears and a full-floating power train that helps isolate the engine and transmission from the frame and operator compartment. In addition, a hydraulic accumulator promotes smooth starts and direction changes, providing better operator efficiency while minimizing jolts and vibrations.



Full-Suspension Seat & Tilt Steering

It's a fact: Comfort increases productivity. A full-suspension seat allows an operator to move in just about any direction, with forward, back, weight and lumbar adjustments. The supportive design promotes comfort by resisting shock and vibration. A tilt steering feature offers infinite adjustability within a 12-degree range of movement to comfortably accommodate almost any operator. A separate lever moves the column fully forward to provide easy access to the engine compartment. Afterwards, the steering system's memory recall will automatically return the column to the operator's preferred position.



Integrated Digital Monitors

In the cab digital displays are used to provide easier monitoring of systems and controls. The digital panel illuminates when the ignition is switched on allowing speed, load weight and system monitors to be checked at a glance.

- Vehicle speed display



- Load weight display



(Optional)



Robust engines that run smoothly and quietly. Cat lift trucks include a durable frame, powerful masts with dependable performance and a highly efficient fuel system.

Prolonging Equipment Life

With advanced on-board diagnostics, it's easier than ever to keep a Cat lift truck operating at its peak performance. An on-board diagnostic system controls critical lift truck functions. And troubleshooting the system is easy using a laptop computer.

Speed Limiter *(Optional) Standard on GPE models only*

This feature allows you to customize the maximum travel speed of the truck to meet your application requirements without affecting overall performance. The benefits include reduced risk to pedestrian traffic, lower operating costs, enhanced engine wear protection, as well as reduced risk of damaging loads, racks, trucks and other property.



Powerful Yet Environmentally Friendly

Cat lift trucks are equipped with powerful fuel-injected gasoline, LP and diesel engines providing the horsepower and torque you need for even the most challenging applications. Our engines are environmentally friendly and meet or exceed EPA requirements. They are also computer regulated to optimize fuel efficiency. If you're looking for exceptional productivity with maximum fuel efficiency, simply engage the Fuel Saver (Soft) Mode. This softens the initial acceleration of the truck and reduces fuel consumption by 14 percent while maintaining 95 percent of the truck's overall productivity.

Everything on a Cat lift truck is optimized for performance, including the single-piece, fully cast, drive and steer axles, which protect vital components from damage and contaminants. A unitized frame offers great rigidity for durable performance in tough applications. The drive axle uses a full-floating design to minimize shocks and stresses, easily handling the high loading requirements of the most challenging work environments. A heavy-duty counterweight grill is a standard feature on these trucks.



Heavy-Duty Mast

Heavy-duty masts are designed and manufactured for lasting, dependable performance. Narrow mast channels and the efficient positioning and routing of chains and hoses help ensure a clear view forward. The truck's low-profile counterweight design provides good visibility to the rear, even with an LP tank in place. The overhead guard cross bar has been eliminated through a design that increases cab strength while improving visibility.



Customer Service



Cat Lift Trucks is committed to providing industry-leading customer service, delivered by experienced and reliable material handling dealers. Cat Lift Trucks puts its customer's needs first, with one of the most comprehensive customer support programs in the business.

Dealers You Can Depend On

Cat® lift trucks dealers are unsurpassed, delivering superior customer service that sets us apart from the competition — before, during and after the sale.

Our dealers make available leading support programs with every new Cat lift truck you purchase, including:

- Genuine Cat lift truck OEM parts
- Planned Maintenance
- Rental fleet availability
- Convenient dealer branch locations

Planned Maintenance

Proper maintenance of your truck helps assure top performance over the long haul and helps extend truck longevity. That's why every Cat lift truck is backed by experienced and reliable dealers who make sure your truck is properly maintained. With Cat lift truck planned maintenance, you won't have to worry about scheduling maintenance or unexpected downtime. Regular planned maintenance calls are scheduled in advance to avoid interference with your operating schedules. Experienced Cat lift trucks service technicians will regularly perform all periodic maintenance including fluid and lubricant check for a predetermined rate. We'll even identify and fix potential problems before they become major difficulties.



Lift Plus Powertrain Warranty *(Optional)*

Confidence you can depend on — Cat Lift trucks are covered by one of the best powertrain warranties in the business. When you choose a Lift Plus warranty for your new Cat lift truck, you're getting long term protection against powertrain failures, which guarantees that if any major powertrain component fails, it will be replaced... it's that simple. And all Lift Plus warranty repair uses only genuine Cat lift truck parts.

With Lift Plus warranty, your investment is covered for 3 years or 5,000 hours, which ever occurs first. If a powertrain failure causes your lift truck to go down, you're covered.

Specifications

CHARACTERISTICS																																																									
1 Type of Truck			DIESEL ENGINE TRUCK										GASOLINE ENGINE TRUCK							ELECTRONICALLY CONTROLLED GASOLINE ENGINE TRUCK																																					
2 Model			DP15N	DP18N	DP20CN	DP20N	DP25N	DP30N	DP35N	GP15N	GP15ZN	GP18N	GP18ZN	GP20CN	GP20N	GP20ZN	GP25N	GP25ZN	GP30N	GP35N	GPE15N	GPE18N	GPE20CN	GPE20N	GPE20ZN	GPE25N	GPE25ZN	GPE30N	GPE35N																												
3 Loading Capacity			kg	1500	1750	2000		2500	3000	3500	1500		1750	2000			2500	3000	3500	1500	1750	2000			2500	3000	3500																														
4 Load Center			mm	500					500					500					500																																						
PERFORMANCE																																																									
5 Maximum Fork Height			mm	3000					3000					3000					3000					3000																																	
6 Free Fork Height			mm	A		B		C		D		E		F		G		H		I		J		K		L		M																													
7 Speeds			mm/s	630		630		500		420		490		570		490		570		570		520		580		520		580		460		390		630		630		580		640		580		640		510		430									
8 Tilt			deg	6		6		6		6		6		6		6		6		6		6		6		6		6		6		6		6		6		6		6		6															
9 Traveling (Powershift)			km/h	19		19		19		19		19		19		19		19		19		19		19		19		19		19		19		19		19		19		19		19															
10 Maximum Drawbar Pull			kgf	1260		1250		1210		1810		1770		1680		1110		1530		1090		1520		1480		1520		1750		1500		1730		1710		1630		1710		1670		1690		1860		1690		1870		1860		1750					
11 Maximum Gradeability			%	33		29		25		36		31		25		21		29		41		25		36		31		30		35		25		30		24		20		48		42		36		34		38		29		33		27		22	
12 Turning Radius			mm	1950		1980		2020		2200		2230		2380		2440		1950		1980		2020		2200		2230		2380		2440		1950		1980		2020		2200		2230		2380		2440													
13 Practical Intersecting Aisle Width			mm	2065		2080		2105		2195		2215		2325		2365		2065		2080		2105		2195		2215		2325		2365		2065		2080		2105		2195		2215		2325		2365													
14 Practical Aisle for Right Angle Stacking			mm	3650		3680		3735		3955		3985		4170		4230		3650		3680		3735		3955		3985		4170		4230		3650		3680		3735		3955		3985		4170		4230													
DIMENSIONS																																																									
15 Overall Length			mm	D		E		F		G		H		I		J		K		L		M		N		O		P		Q		R		S		T		U		V		W		X													
16 Width			mm	1065		1065		1150		1275		1290		1065		1065		1150		1275		1290		1065		1065		1150		1275		1290		1065		1065		1150		1275		1290															
17 Height			mm	1990		1990		2015		2130		1990		1990		2015		2130		1990		1990		2015		2130		1990		1990		2015		2130		1990		1990		2015		2130															
18 Forks (Thickness x Width x Length)			mm	35x100x920		40x122x920		50x125x1070		35x100x920		40x122x920		50x125x1070		35x100x920		40x122x920		50x125x1070		35x100x920		40x122x920		50x125x1070		35x100x920		40x122x920		50x125x1070		35x100x920		40x122x920		50x125x1070		35x100x920		40x122x920		50x125x1070													
19 Fork Spread (Out-to-Out Minimum / Maximum)			mm	200-920		244-920		244-1000		244-1000		200-920		220-1000		250-1000		200-920		244-920		244-1000		244-1000		244-1000		200-920		244-920		244-1000		244-1000		244-1000		244-1000		244-1000																	
20 Front Overhang (Center of Front Axle to Fork Face)			mm	400		415		455		490		400		415		455		460		495		400		415		455		490		400		415		455		490		400		415																	
21 Wheelbase			mm	1400		1400		1600		1700		1400		1400		1600		1700		1400		1400		1600		1700		1400		1400		1600		1700		1400		1400		1600		1700															
22 Tread Width			mm	890		890		960		1060		890		890		960		1060		890		890		960		1060		890		890		960		1060		890		890		960		1060															
23 Ground Clearance			mm	110		110		115		135		150		110		110		115		135		150		110		110		115		135		150		110		110		115		135		150															
24 Tire Size				6.50-10-10-PR		6.50-10/5.00		7.00-12-12PR		28x9-15-12PR		250-15-16PR		6.50-10-10-PR		6.50-10/5.00		7.00-12-12PR		28x9-15-12PR		250-15-16PR		6.50-10-10-PR		6.50-10/5.00		7.00-12-12PR		28x9-15-12PR		250-15-16PR		6.50-10-10-PR		6.50-10/5.00		7.00-12-12PR		28x9-15-12PR		250-15-16PR															
WEIGHT			kg	2550		2740		3060		3410		3710		4350		4740		2490		2690		3010		3300		3600		4240		4630		2490		2690		3010		3300		3600		4240		4630													
25 Machine Weight			kg	2590		2780		3100		3450		3750		4390		4780		2530		2730		3050		3340		3640		4280		4670		2530		2730		3050		3340		3640		4280		4670													
BRAKE				Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.																	
26 Service Brake				Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand		Hand																	
27 Parking Brake				Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.		Hyd.																	
POWERTRAIN																																																									
28 Engine			Model	S402		S402		S4S		S4S		K15		K21		K15		K21		K21		K25		K21		K25		K25		K21E		K21E		K25E		K21E		K25E		K25E																	
Max. Rated Power / rpm to DIN 70020			Kw/rpm	30 / 2500		30 / 2500		38.1 / 2250		38.1 / 2250		26 / 2450		34 / 2200		26 / 2450		34 / 2200		34 / 2200		40 / 2200		34 / 2200		40 / 2200		40 / 2200		(GAS) 36.8 / 2700, (LPG) 37.5 / 2700		(GAS) 36.8 / 2700, (LPG) 37.5 / 2700		(GAS) 43.1 / 2700, (LPG) 43.8 / 2700		(GAS) 36.8 / 2700, (LPG) 37.5 / 2700		(GAS) 43.1 / 2700, (LPG) 43.8 / 2700		(GAS) 43.1 / 2700, (LPG) 43.8 / 2700																	
Max. Rated Torque / rpm to DIN 70020			Nm/rpm	40.8 / 2500		40.8 / 2500		51.8 / 2250		51.8 / 2250		35.4 / 2450		46.2 / 2200		35.4 / 2450		46.2 / 2200		46.2 / 2200		54.4 / 2200		46.2 / 2200		54.4 / 2200		54.4 / 2200		(GAS) 50.0 / 2700, (LPG) 51.0 / 2700		(GAS) 50.0 / 2700, (LPG) 51.0 / 2700		(GAS) 58.6 / 2700, (LPG) 59.6 / 2700		(GAS) 50.0 / 2700, (LPG) 51.0 / 2700		(GAS) 58.6 / 2700, (LPG) 59.6 / 2700																			
Displacement			cc	2505		2505		3331		3331		1486		2065		1486		2065		2065		2488		2065		2488		2488		2065		2065		2488		2065		2488		2488																	
Fuel Tank Capacity			r	46		46		66		66		46		66		46		66		66		46		66		66		46		46		66		66		66		66																			
29 Transmission			Type	Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual		Powershift / Manual																			
Relief Pressure			Mpa	18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1		18.1																			