

# Internal Combustion Pneumatic Tire Lift Trucks

Capacity: 6.0 - 7.0 ton



\*Note : Picture above is for illustration purpose only. Please contact your local dealers for more information.\*

# DP60-70 N-Series

## DYNAMIC, DIVERSE AND HEAVY DUTY PERFORMANCE

Built to perform under harsh conditions and operate in diverse applications, Cat® lift trucks possess both dynamism and resilient structure to perform a wide range of applications, including:

- Lumberyards and saw mills**
- Paper and pulp**
- Hardwood and furniture production**
- Steel/aluminium industries and foundries**
- Concrete, brick and block industries**
- Stone, clay and glass**
- Stevedoring, roll-on/roll-off applications**
- Multi-pallet applications**
- General load handling**
- Short-term rental**



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# Quality



## Ergonomic Seat and Tilt Steering

The operator compartment includes a **full suspension, ergonomically designed seat** to conform operator contour thus, optimizes the overall operating experience. The **adjustable steering column** can position at different angle and accommodate to the operator preference for better facilitation of entry and exit purpose.

## Reliable and Compact Design

Given its **compact structure** with an overall width of 2173mm, DP60-70 N-Series series trucks are now less restrictive and are more competent to **operate in a less spacious environment**. Also, a lower and wider drive axle design improves the overall **lateral stability** of the truck that further empowered Cat<sup>®</sup> lift trucks to **perform under rough conditions**.



## Effortless Hydrostatic Steering

Hydrostatic power steering reduces operator effort and enhances productivity. The system includes self-aligning kingpins supported by tapered roller bearings and adjustment-free, fixed-length tie rods to help reduce maintenance requirements.

## Enhanced Safety Features

**Presence Detection System (PDS)** is an advanced protection system that actively detects operator's presence. In case of any unsafe acts, PDS will be activated if the operator deviates from any safe operating requirements.

- Disengagement of the transmission control
- Disabling all hydraulic levers control
- Activation of alarm if the parking brake remained disengaged after the operator left his seat

*Note: Seatbelt warning light would light up if the operator did not fasten their seat belt upon operation.*



# Reliability



## 6-Cylinder Diesel Engine

A durable high-horsepower engine provides high torque, low noise and reliable performance. It features 305 cubic inches of displacement and cold weather starting capabilities of -4°F.

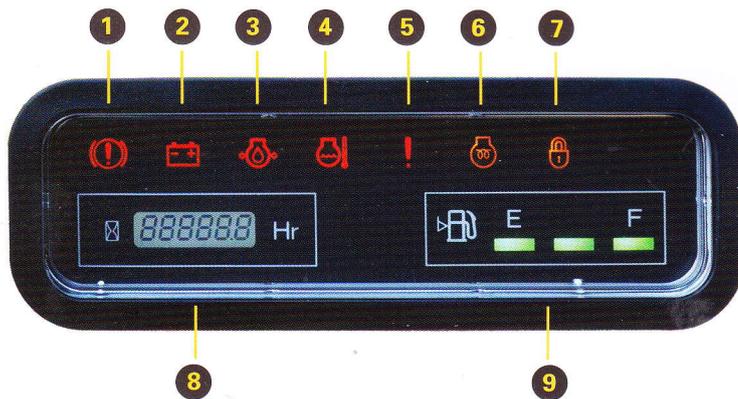
## Two-Speed, Automatic-Shift Transmission

The automatic transmission and high-stall torque converter offer precision inching and smooth acceleration. An autoshift feature automatically shifts gears up or down based on travel speed to simplify operation and enhance productivity. As a result, the lift truck always starts out in the first gear ensuring good pick up even with the heaviest load.



## Vacuum-Boosted Brakes

The self-energizing, self-adjusting, hydraulic service brakes provide smooth, effective braking with nominal foot pedal pressure. The parking brake employs a separate shoe assembly on the input side of the drive axle for added dependability.



## LED Monitor

The monitor offers quick and easy to recognize warning symbols that indicate the truck current status with a bright LED lamp.

1. Parking Brake Warning Lamp
2. Battery Charge Warning Lamp
3. Engine Oil Pressure Warning Lamp
4. Water Temperature
5. Multi-Purpose Warning Lamp
6. Glow Plug Indicator Lamp
7. Interlock Indicator Lamp
8. Hour Meter
9. Fuel Gauge

# 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.

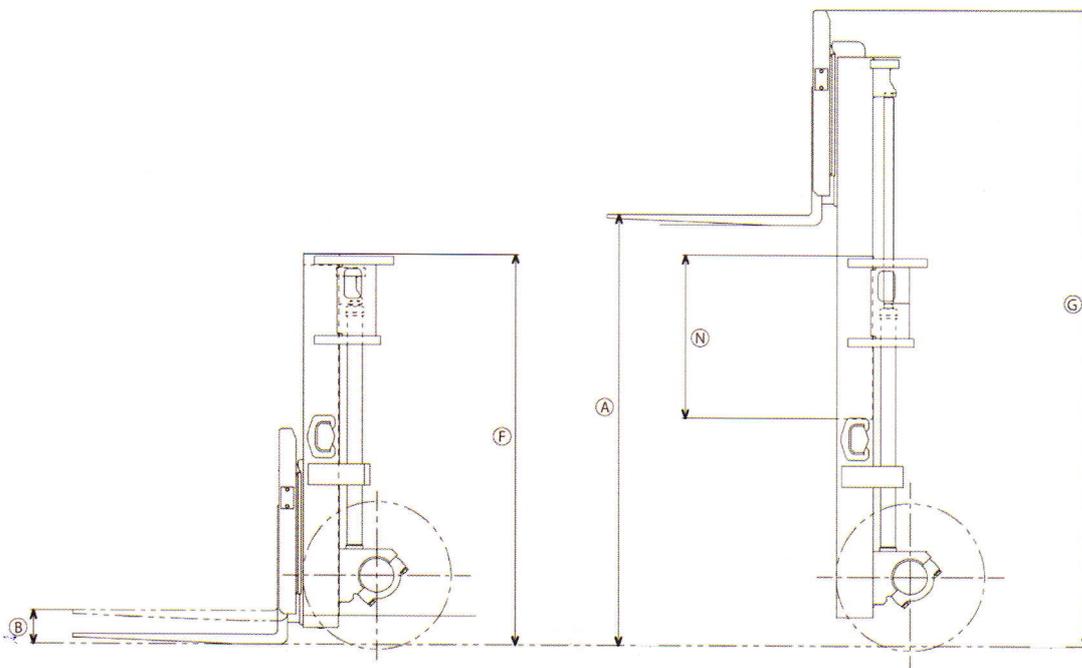
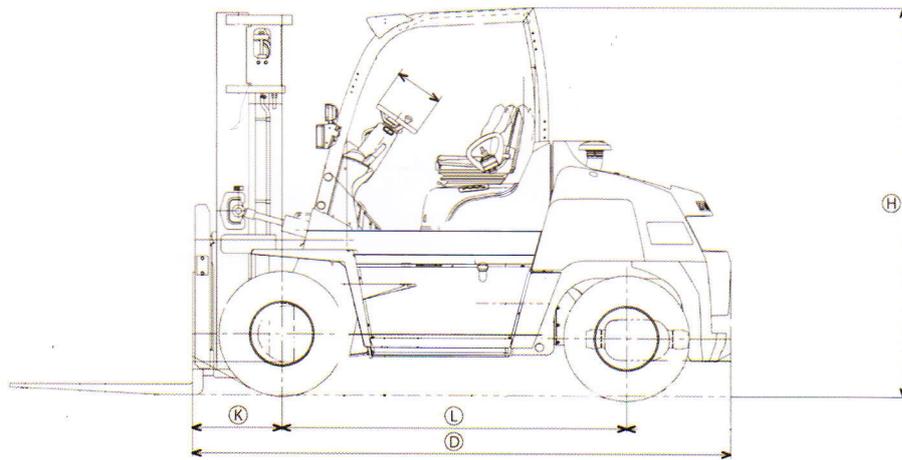
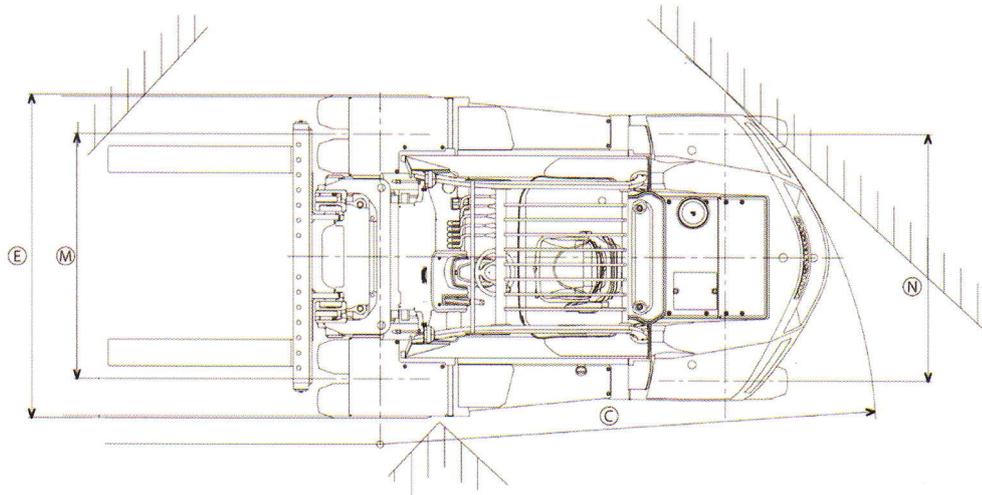
With Cat lift truck planned maintenance, you won't have to worry about scheduling maintenance or unexpected downtime. Regular

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.

# Specification

Characteristics				DIESEL ENGINE TRUCK	
				DP60NM	DP70NM
1	Type of Truck				
2	Model				
3	Loading Capacity		kg	6000	7000
4	Load Center		mm	600	
Performance					
5	Maximum Fork Height	2SP33	mm	A	3300
6	Free Fork Height		mm	B	210
7	Speeds	Lifting	Loaded	mm/s	440
			Unloaded	mm/s	470
		Lowering	Loaded	mm/s	500
			Unloaded	mm/s	450
8	Tilt	Mast	Forward	deg	6
			Backward	deg	12
9	Speeds	Traveling	Loaded	km/h	22
			Unloaded	km/h	28
10	Maximum Drawbar Pull Drawbar Pull	stationary on slope at 1.6km/h	Loaded	kN	50
			Loaded	kN	37
11	Maximum Gradeability Gradeability	stationary on slope at 1.6km/h	Loaded	%	33
			Loaded	%	24
12	Turning Radius		mm	C	3310
13	Practical Intersecting Aisle Width		mm		2930
Dimensions					
14	Overall Length to Fork Face		mm	D	3592
15	Width	with Standard Tires	mm	E	2173
		with Lowered Mast	mm	F	2720
16	Height	with Extended Mast (with backrest) to top of Overhead Guard	mm	G	4580
			mm	H	2610
17	Forks (Thickness x Width x Length)		mm		70x150x1220
18	Forks Spread (Out-to-Out Minimum / Maximum)		mm		350 - 1700
19	Front Overhang (Center of Front Axle to Fork Face)		mm	K	597
20	Wheelbase		mm	L	2300
21	Tread Width	Front, standard Tires	mm	M	1650
		Rear, Tires	mm	N	1650
22	Ground Clearance	at Lowest point mast at Center of Wheelbase	mm		170
			mm		263
23	Tire Size	Front	mm		8.25-15-12PR(I)
		Rear	mm		8.25-15-12PR(I)
Weight					
24	Machine Weight		kg	8820	9470
Brake					
25	Service Brake Type				Hydraulic with vacuum boost
26	Parking Brake Type				Mechanical
Power Train					
27	Engine	Model			S6S
		Max. Rated Power/rpm to DIN70020	kW/rpm		67.7/2300
		Max. Rated Torque/rpm to DIN70020	Nm/rpm		290/1600
		Displacement	cc		4996
		Fuel Tank Capacity	L		130
28	Transmission	Type			Powershift
		Forward			2 speed
29	Relief of Pressure For Attachments	Backward			2 speed
			Mpa		19.1

# Diagrams





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**Quality**

**Reliability**

**Customer Service**



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[www.catliftruck.com.sg](http://www.catliftruck.com.sg)

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Trucks