



# READY TO WORK

**7000 KG CAPACITY  
INTERNAL COMBUSTION  
PNEUMATIC TIRE LIFT TRUCK**

**CAT**® Lift  
Trucks

# REAL POWER, REAL PERFORMANCE

## Built For Your Business

The Cat® DP70NM pneumatic tire lift truck offers proven reliability and durability, combined with the strength and stability you need to get the job done. Equipped with a high-performance S6S-T 5.0L engine, this lift truck offers a level of productivity that makes it a valued asset to your business.

### ADVANTAGES TO YOU:

- Controlled, yet powerful acceleration maximizes productivity.
- Optimal ergonomics and operator comfort help increase efficiency.
- 500-hour extended service intervals mean less downtime and less maintenance costs.
- World-class service and support is provided by the best dealer network in the industry.

### KEY APPLICATIONS:

- Lumber
- Steel and pipe
- Fabricated metals
- Concrete, stone, clay and glass
- Industrial machinery and equipment



# DESIGNED FOR UPTIME

## Made To Perform

With a lift capacity of 7,000 kilograms and a powerful six-cylinder engine, the Cat DP70NM lift truck raises the bar on performance – delivering powerful acceleration for maximum productivity.

### HIGH-PERFORMANCE S6S-T 5.0L ENGINE

This lift truck series features the tried-and-true S6S-Turbo engine for the superior performance and efficiency you've come to expect from Cat Lift Trucks.

#### Benefits:

- Low-speed torque offers controlled, yet powerful acceleration to ensure maximum productivity throughout the shift.
- A powerful turbocharger delivers rapid response and a better driving experience for your operators.

### TWO-SPEED POWERSHIFT TRANSMISSION

The drivetrain of the DP70NM is equipped with an automatic transmission that directly converts the power of the engine to torque. With two forward and two reverse speeds, this lift truck provides the power you need to perform in rugged applications.

### 500-HOUR SERVICE INTERVALS

Having your lift truck up and running is critical to keeping your business moving. With 500-hour service intervals, display-based indicators and easy access to service components, you can count on maximizing uptime and lowering maintenance costs with the DP70NM.

- **Greater uptime** – longer service intervals mean longer run times and more overall productivity.
- **More savings** – minimizing the number of service intervals results in a lower total cost of ownership to keep your lift truck performing at its best.

# A NEW LEVEL OF COMFORT

Keeping your operators comfortable is a critical part of your business' productivity and long-term success. That's why we've designed the DP70NM with the operator in mind – including all the essential features to keep your operators confident and comfortable, all day long.

## OPTIONAL CAB

The DP70NM is available with three cab options to offer further comfort in applications that are exclusively or primarily outdoors. These packages include a range of features from windshields to side doors, based on your business needs.



## EASY ACCESS TO CONTROLS

The three-section, ergonomically-designed hydraulic control valve features three cowl-mounted levers that are designed to closely match the natural arc of the operator's arm and provide all the power needed to lift the load.

- Provides maximum control of lift, lower and auxiliary hydraulic functions and attachments

## COMFORTABLE RIDE

The full-suspension standard vinyl seat allows adjustment in numerous places to give the operator the most comfortable position possible.

- **Front and back adjustment** – slides up to 16.5 cm to accommodate operators of various heights
- **Suspension adjustment** – adds support in the seat based on the weight of the operator
- **Lumbar support adjustment** – supports the operator's lower back
- **Fold down pin** – allows the seat to easily move for access to the engine hood

## LESS NOISE, LESS VIBRATION

Minimizing noise and vibration levels will keep the operator comfortable with the goal of increasing efficiency while decreasing overall fatigue.

Less vibration and noise is achieved through the use of:

- Rubber mounted components
- Fully-insulated engine hood
- Helical transmission gears
- Closed wheel wells

## MORE FEATURES FOR MORE CONTROL

- **Standard orange seat belt** – allows operations managers to easily see when operators are properly wearing their seat belt.
- **Electronic direction control** – allows the operator to shift between forward and reverse travel without losing contact with the steering wheel. The result is smooth acceleration and direction changes up to 4 km/h.
- **Hydrostatic steering** – minimizes the effort needed to smoothly steer the lift truck regardless of speed, providing more operator control and maneuverability.
- **Tilt steering column with mechanical quick return** – equipped with a memory function designed to adjust and lock and return to its preset position.
- **Pneumatic tires** – provide traction and a comfortable ride in rugged terrain. The standard dual drive tires offer added stability while handling loads up to 7,000 kg.



# TAKING CONTROL OF YOUR WORKDAY

## More Awareness, Better Protection

Moving heavy loads in the toughest terrain requires a high level of awareness and the ultimate in control. The Cat DP70NM is built with this in mind, featuring all-around visibility and essential indicators to keep your operators alert and confident throughout the shift.

### TOTAL CONTROL

Your operators will benefit from this truck's lineup of powerful tools and features.

- **Premium LCD/LED Display** – the easy-to-read display with at-a-glance indicators keeps the operator aware of the truck's performance at all times. Features like fuel level, hourly usage and maintenance requirements are easily visible throughout operation.
- **Electronic Backup Alarm** – the alarm sounds anytime the truck is in reverse, alerting pedestrians and other operators working nearby.
- **LED Lights** – these work lights have a longer life, minimize glare and are cooler than traditional bulbs – all features that lower the cost of ownership while improving operator productivity.



### VISIBILITY – FROM FRONT TO BACK

The DP70NM provides all-around visibility from front to back.

- Slim profile mast and open overhead guard design
- Lower profile counterweight enhances visibility when working in reverse



### ADDED AWARENESS

Dedicated to your security from the moment you get on the lift truck to the end of the shift, the DP70NM offers these standard features:

- Highly-visible orange seat belt
- Anti-slip step plate
- 45 cm elongated grab bar
- Electronic backup alarm

### PRESENCE DETECTION SYSTEM (PDS)

The Presence Detection System (PDS) activates whenever the operator does not fasten the seat belt during operation or leaves the normal operating position without activating the parking brake.

This integral computer-based feedback system uses both audible and visual indicators to alert the operator to potentially hazardous situations, while increasing operator awareness.

#### Key features:

- When the operator is not in the normal operating position, the PDS electronically discontinues powered-travel movement and activation of load-handling functions.
- When an operator is in the normal operating position, but the seat belt is not buckled, an audible warning will sound and a visible indicator will appear, alerting the operator.



Local service and support



Genuine OEM parts



Custom financing packages



Factory warranty for added protection

# MORE CONFIDENCE

## 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.

### 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.

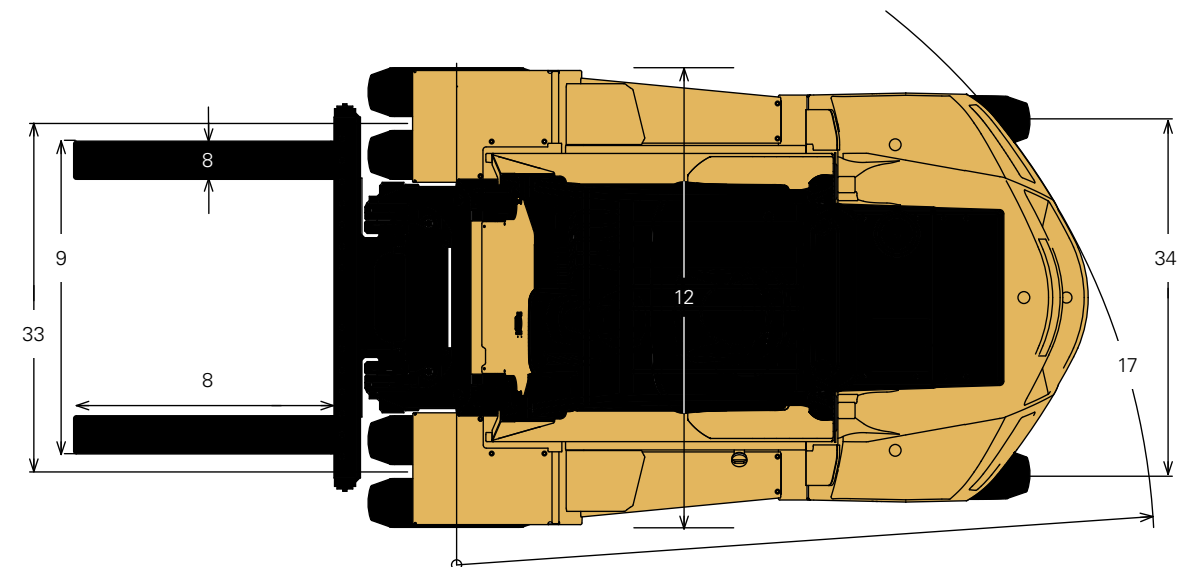
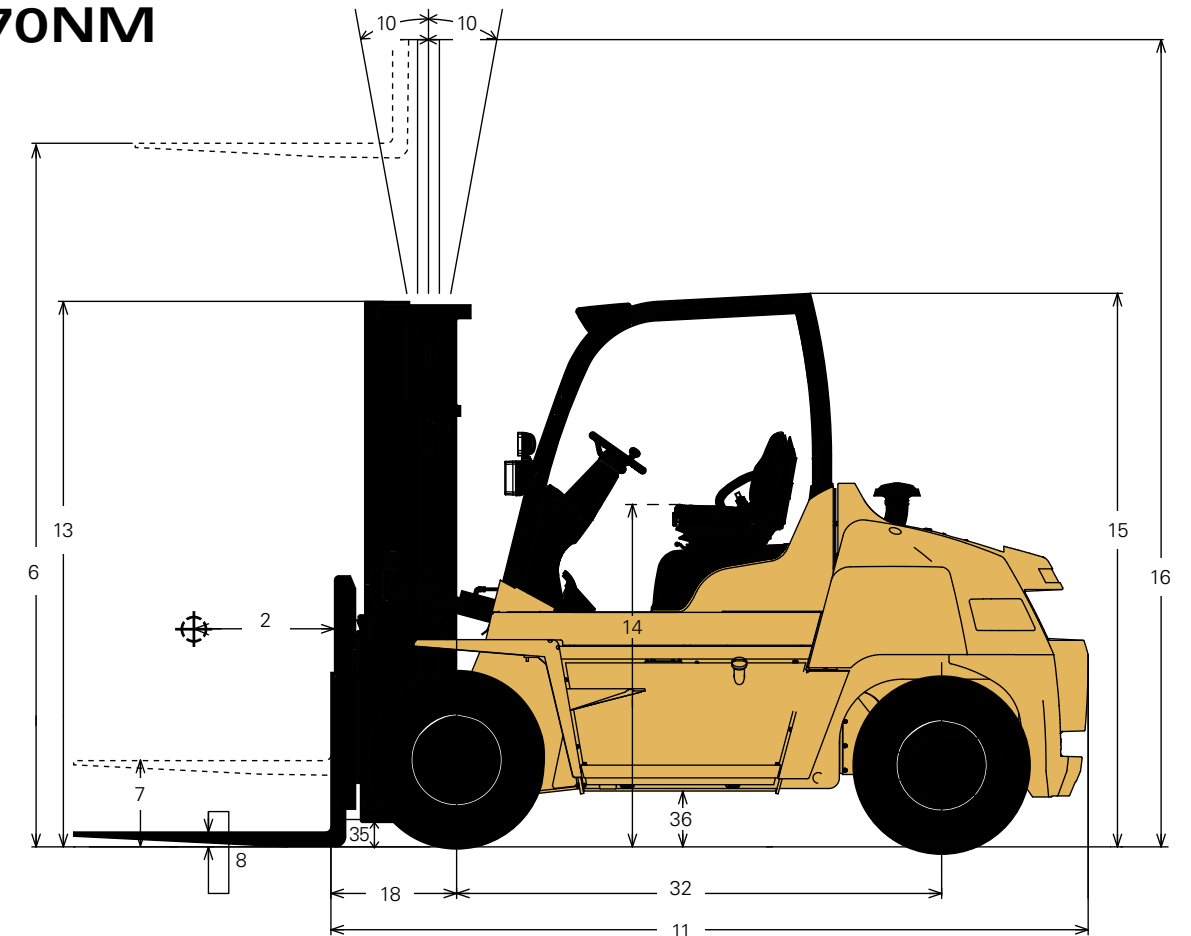
## Specifications

Characteristics				DP70NM	
1	Capacity at rated load center	lb	kg	15,500	7,000
2	Capacity at load center – distance	in	mm	24	600
3	Power – electric, diesel, gasoline or LP gas				diesel
4	Tire type – cushion or pneumatic				pneumatic
5	Wheels (x=driven) – number front / rear				4x / 2
Dimensions				DP70NM	
6	Maximum fork height (top of fork) <sup>1)</sup>	in	mm	120.5	3,060
7	Free fork height <sup>1)</sup>	in	mm	7.9	200
8	Forks – thickness x length x width <sup>1)</sup>	in	mm	2.4 x 48 x 5.9	60 x 1,220 x 150
9	Fork spacing – out-to-out minimum / maximum	in	mm	11.8 / 63.0	300 / 1,600
10	Tilt – forward / backward	deg			6° / 12°
11	Length to fork face	in	mm	141	3,580
12	Width – with dual drive tires	in	mm	85.4	2,170
13	Height – with lowered mast <sup>1)</sup>	in	mm	101.5	2,570
14	Seat height to SIP	in	mm	62.7	1,592
15	Height – to top of overhead guard	in	mm	103	2,610
16	Height – with extended mast <sup>1)</sup>	in	mm	168.5	4,277
17	Minimum outside turning radius	in	mm	130	3,310
18	Load moment constant	in	mm	23.0	585
19	Minimum aisle – 90° stack – zero clearance without a load	in	mm	153	3,895
Performance				DP70NM	
20	Travel speed – loaded / empty	mph	km/h	14.3 / 17.4	23.0 / 28.0
21	Lift speed – loaded / empty	fpm	m/s	84.6 / 92.5	0.43 / 0.47
22	Lowering speed – loaded / empty	fpm	m/s	98.4 / 98.4	0.50 / 0.50
23	Drawbar pull – loaded at 1 mph (1.6 km)	lb	N	9,000	40,020
24	Drawbar pull – loaded maximum	lb	N	12,150	54,050
25	Gradeability – loaded at 1 mph (1.6 km)	%			26
26	Gradeability – maximum loaded	%			36
Weight				DP70NM	
27	Empty	lb	kg	20,790	9,430
28	Axle load – with rated load front / rear	lb	kg	32,750 / 3,540	14,830 / 1,600
29	Axle load – without load front / rear	lb	kg	9,300 / 11,490	4,220 / 5,210
Chassis				DP70NM	
30	Tire size – front, standard duals	in			8.25-15-12PR
31	Tire size – rear tires	in			8.25-15-12PR
32	Wheelbase	in	mm	90.6	2,300
33	Tread width – front, standard duals	in	mm	65.0	1,650
34	Tread width – rear tires	in	mm	65.0	1,650
35	Ground clearance – at lowest point at mast	in	mm	6.7	170
36	Ground clearance – at center of wheelbase	in	mm	10.4	263
37	Service brake				hydraulic with vacuum boost
38	Parking brake				hand, mechanical
Powertrain				DP70NM	
39	Engine model				Mitsubishi S6S-T
40	Engine – continuous output S.A.E. gross	HP	kW	93.9	70
41			at rpm		2,300
42	Engine – maximum torque S.A.E. gross	lb-ft	N-m	214	290
43			at rpm		1,700
44	Cylinder / displacement	cu in	L	6 / 305	6 / 5.0
45	Transmission – type				powershift
46	Transmission – number of speeds forward / reverse				2 / 2
47	Battery		volts		12
48	Relief pressure for attachments	psi	bar	2,770	191

1) heights with shaft type forks on standard two-stage mast. Optional hook type forks will change dimensions slightly.

NOTE: Dimensions represent maximum battery size, not compartment size. 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 lift truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

## DP70NM



## Safety Standards

These trucks meet American National Standards Institute/ Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. 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.



**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.

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

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**CAT<sup>®</sup> Lift Trucks**