



# **PNEUMATIC TIRE FORKLIFT**

7000 KG CAPACITY LP DIESEL MODELS

THE HEAVY-DUTY FORKLIFT BUILT TO HANDLE TOUGH LOADS



# EXPECT PRODUCTIVITY.

EXPERIENCE ENHANCED PERFORMANCE WITH A POWERFUL TURBO-CHARGED ENGINE



## Serious Power:

The FD70NM delivers excellent fuel efficiency with superior dependability. Its S6S-T engine offers high torque for heavy-duty performance – allowing it to tackle heavy loads up to 7000 kg. This turbo-charged diesel engine is built to thrive in rigorous applications and features cold weather starting capabilities, for added reliability in extreme climates.

## High Performance:

When you need power, you need it now. The FD70NM's transmission features a precise torque converter – allowing for controlled, powerful acceleration when driving up ramps with full loads or moving heavier pallets across rough terrains.

## Durable Frame:

Rough applications require tough equipment. The FD70NM consists of a steel frame for strength and durability:

- More steel in the frame for added resilience
- Rigorous testing helped develop this rugged design by minimizing stress points in the frame

- Outstanding power and performance
- Powerful engine
- Durable steel frame for rugged applications
- Greater uptime, less maintenance

The FD70NM delivers the power and performance that tough applications demand.

## Exceptional Performance, Exceptional Value:

Mitsubishi Forklift Trucks developed the FD70NM to deliver everything you need to tackle tough jobs every day – and at an exceptional value. From a durable design to a fuel-efficient and high-performance engine, the FD70NM is ready to work when you are.



## Key applications:

- Lumber
- Fabricated metals
- Building materials
- Stone and glass
- Industrial machinery
- Garden supplies



## Maintenance Made Simple:

Simplified maintenance means less downtime and more time on the job. Whether it's scheduled maintenance or a daily inspection, the FD70NM makes it easier to get back to work.

- Easy-to-remove floor panel and steel side covers, no tools required
- Greater uptime and lower planned maintenance costs
- Easy access to all major components
- Less time consuming daily inspections
- 500-hour service intervals

## Hydrostatic Power Steering System:

The hydrostatic steering system of the FD70NM is directly connected to the steer axle at the rear of the truck. The flow of hydraulic oil that powers it allows for easy and smooth steering by the operator. It also prevents kickback to the steering wheel from the steer tires, as well as eliminating the need for mechanical linkage in the steering process, lowering the amount of maintenance required.



# THE COMFORT YOUR OPERATORS DESERVE.

COMBINED WITH THE CONTROL YOUR BUSINESS DEMANDS



## Invaluable standard features:

- Full-suspension vinyl seat for enhanced comfort
- LED / LCD display panel for operator awareness
- Integrated Presence System (IPS) for added security

## Intuitive Display Panel:

The standard LCD/LED display panel, featuring fluid level warnings, brake fluid level, fuel gauge and hour meter, quickly informs the operator of the current performance status of the forklift — for increased awareness during operation.



## Less Noise, Greater Comfort:

The FD70NM is built for added operator comfort. Standard design features such as rubber mounted major components, a fully-insulated steel engine hood, helical transmission gears and fully-enclosed wheel wells all work together to create a smooth driving experience.

## Comfortable Ride:

The FD70NM is equipped with a full-suspension vinyl seat, providing day-long comfort to operators of all sizes:

- Forward and backward adjustment up to 6.5"
- Suspension adjustment conforms to the operator
- Lower back lumbar adjustment
- Fold down pin allows for easy access to the engine compartment during daily checks and maintenance
- An optional cloth seat is also available for operators working long shifts or on rough surfaces

## Integrated Presence System (IPS):

The Integrated Presence System (IPS) 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.

## Flexible Cab Options To Meet Your Needs:

For harsh or demanding outdoor applications, an optional cab package can be added to the FD70NM for further protection.



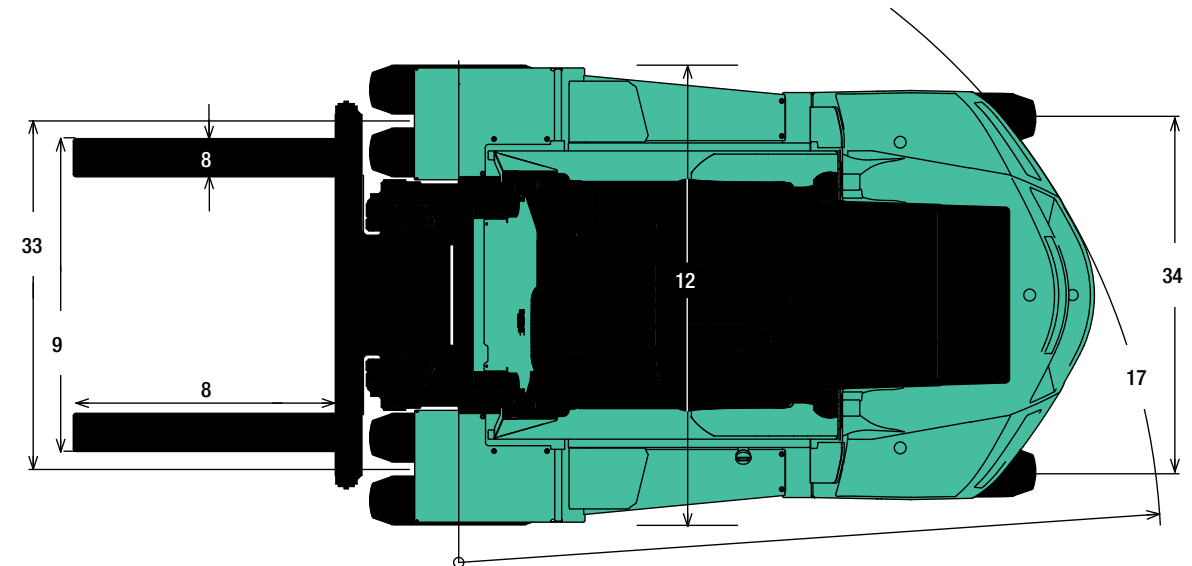
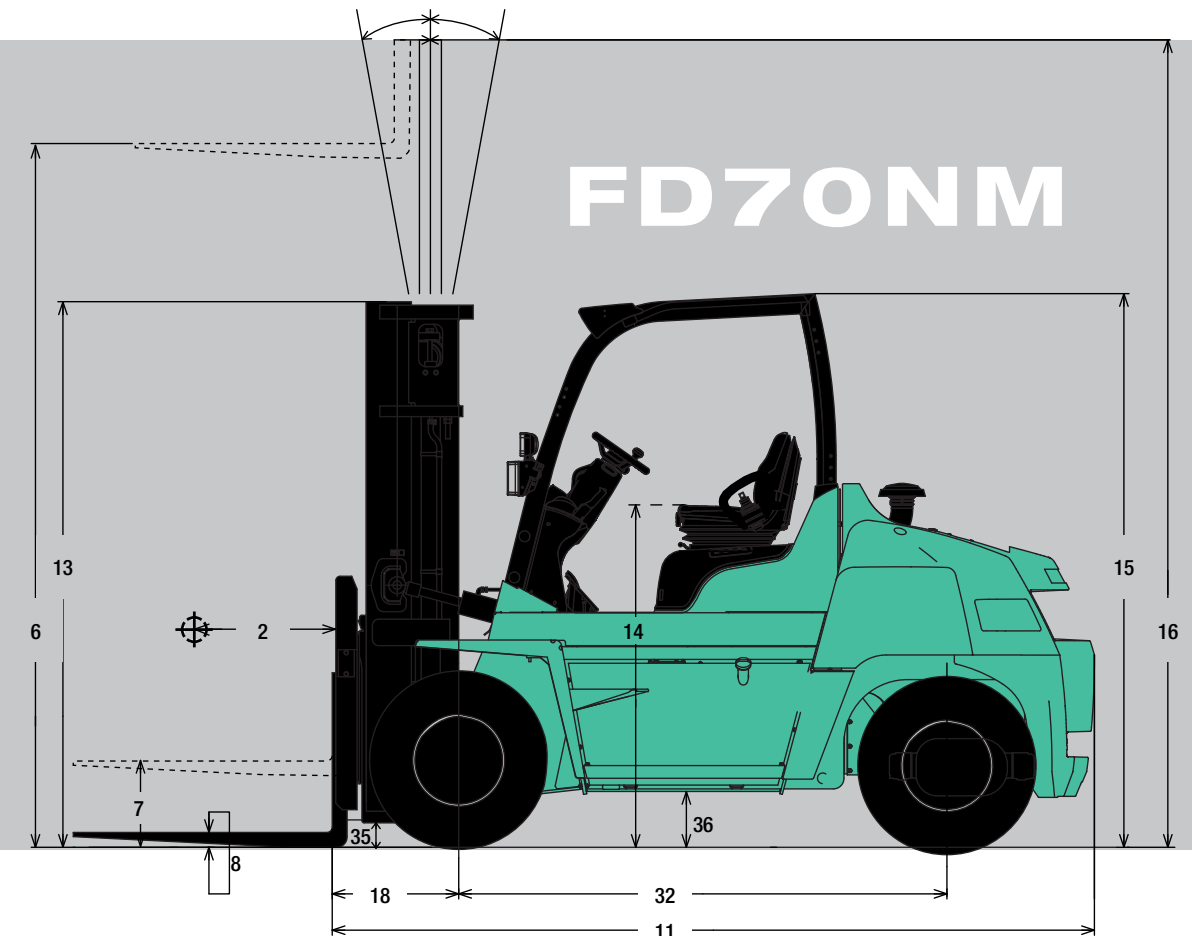
Features	Option 1:	Option 2:	Option 3:
Front windshield	•	•	•
Roof	•	•	•
Back windshield		•	•
Steel doors			•

## Front-End Attachments:

The FD70NM can be further customized to meet the demands of your business with optional front-end attachments, such as sidershifters or fork positioners. Ask your local Mitsubishi forklift truck dealer for more information.

CHARACTERISTICS			FD70NM	
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, LP gas			diesel
4	Tire type – cushion, pneumatic			pneumatic
5	Wheels (x=driven) number front / rear			4x / 2
DIMENSIONS				
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	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 load	in mm	153	3,895
PERFORMANCE				
20	Travel speed loaded / empty	mph km/h	14.3 / 17.4	23.0 / 28.0
21	Lift speed loaded / empty	fpm m/s	84.5 / 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 at maximum	lb N	12,150	54,050
25	Gradeability – loaded at 1 mph (1.6 km)	%		26
26	Gradeability – loaded at maximum	%		36
WEIGHT				
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				
30	Tire size – front, standard duals	in		8.25-15-12PR
31	Tire size – rear	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	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				
39	Engine model			Mitubishi S6S-T
40	Continuous output S.A.E. gross	HP kW	93.9	70
41		at r.p.m.		2,300
42	Maximum torque S.A.E. gross	lb-ft N-m	214	290
43		at r.p.m.		1,700
44	Cylinder / displacement	cu in L	6 / 305	6 / 5.0
45	Transmission type			powershift
46	Number of speeds forward / reverse			2 / 2
47	Battery	volts		12
48	Relief pressure for attachments	psi bar	2,770	191
49	Noise level – at operator's ear Leq	dB(A)		86.5

Call-out numbers shown in the diagram below 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 E, EE (optional), Industrial Trucks. 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.

[1] Heights with shaft type forks on a standard two-stage mast. Optional hook type forks will change dimensions slightly.

# FD70NM

7000 KG CAPACITY PNEUMATIC TIRE FORKLIFT

## Exceptional Value

### More Than 296,000 Parts To Keep You Running

Mitsubishi Forklift Trucks offers several parts programs, all designed to bring you top performance and convenience for your material handling needs. Contact your local dealer to put our services to work for you.

### Support To Fit Your Operation

Find out why more companies are relying on Mitsubishi forklift truck dealers to keep their fleet operating at top performance. Our efficiency provides customers with a better return on investment, and qualified service technicians, diverse parts inventory and unparalleled selection of service options can help reduce your total cost of ownership.

### Extensive Dealer Network

The Mitsubishi forklift truck dealer network is dedicated to finding the right forklift solution for your business. With more than 300 dealer locations, you can rely on your local dealer to provide the service you need when you need it most.



Manufactured with superior quality and exceptional value, Mitsubishi forklift trucks are supported by an extensive dealer and field support network located throughout North and South America. Don't forget to ask your local Mitsubishi forklift truck dealer about details on factory retail programs, financing plans and additional options and dealer services like planned maintenance and operator training.